

# The University of New Mexico Faculty Senate

## Meeting Agenda

March 24, 2015

3:00 P.M.

Scholes Hall Roberts Room

	AGENDA TOPICS	TYPE OF ITEMS/ PRESENTER(S)
3:00	1. Approval of Agenda	<b>Action</b>
	2. <a href="#">Acceptance of the February 24, 2015 Faculty Senate Meeting Summarized Minutes</a>	<b>Action</b>
3:05	3. Memorial Minute Ann Massmann	<b>Action:</b> Todd Quinn
3:10	4. Faculty Senate President's Report	<b>Information:</b> Pamela Pyle
3:20	5. President's Report	<b>Information:</b> Robert Frank
3:35	6. Provost's Report	<b>Information:</b> Chaouki Abdallah
<b>CONSENT AGENDA TOPICS</b>		
3:50	7. 2014-2015 Faculty Senate Committee Appointments	<b>Action:</b> Stefan Posse
	8. Forms C	<b>Action:</b> Stefan Posse
	<a href="#">AA in Human Services Family Studies New</a>	
	<a href="#">AA in Human Services Tribal New</a>	
	<a href="#">AA in Human Services Substance Abuse New</a>	
	<a href="#">AA Communications Deletion</a>	
	<a href="#">Grad Shared-Credit Degree Prog BBA &amp; Master of Acctng New</a>	
	<a href="#">Master of Business Administration Revision</a>	
	<a href="#">UG Art Education Program Revision</a>	
	<a href="#">UG BSEd Health Ed Concentration Revision</a>	
	<a href="#">Grad MA Theatre and Dance Revision</a>	
	<a href="#">PhD Optical Science and Engineering New</a>	
	<a href="#">UG Dept of Math and Statistics Admissions Revision</a>	
	<a href="#">Grad MS/ PhD Biomedical Engineering New</a>	
	<a href="#">UG BS Exercise Science Revision</a>	
	<a href="#">UG Minor in Museum Studies New</a>	
	<a href="#">Grad MBA Accounting Concentration Revision</a>	
	<a href="#">Grad MBA Entrepreneurship Concentration Revision</a>	
	<a href="#">Grad MBA Finance Concentration Revision</a>	
	<a href="#">Grad MBA Information Assurance Concentration Deletion</a>	
	<a href="#">Grad MBA International Management Concentration Revision</a>	
	<a href="#">Grad MBA International Management in Latin America Concentration Revision</a>	
	<a href="#">Grad MBA Management Information Systems Concentration Revision</a>	
	<a href="#">Grad MBA Management of Technology Concentration Revision</a>	
	<a href="#">Grad MBA Marketing Management Concentration Revision</a>	
	<a href="#">Grad MBA Operations Management Concentration Revision</a>	
	<a href="#">Grad MBA Organizational Behavior/Human Resources Management Concentration</a>	
	<a href="#">UG A&amp;S Upper-Division Degree Requirement B.A. and B.S. Revision</a>	
	<a href="#">Grad MBA Policy and Planning Concentration Revision</a>	
	<a href="#">UG B.A./B.S. Psychology-Basics in Addiction Counseling Revision</a>	
	<a href="#">Grad MBA Executive Revision</a>	
	<a href="#">UG Instructional Technology and Training Minor New</a>	
	<a href="#">UG BA English/Philosophy Revision</a>	
	<a href="#">UG BS Technology and Training Revision</a>	
	<a href="#">UG BA European Studies Deletion</a>	
	<a href="#">UG BA German Revision</a>	
	<a href="#">UG BA German Second Major Revision</a>	
	<a href="#">UG BS Biology Revision</a>	
	<a href="#">Grad Dual Degree MCRP/MALAS Revision</a>	
	<a href="#">Grad Dual Degree MCRP/MPA Revision</a>	
	<a href="#">Grad Dual Degree MCRP/MWR Revision</a>	
	<a href="#">UG BA Health, Medicine and Human Values-Biomedical Sciences Concentration Option III Revision</a>	
	<a href="#">UG BS Technology and Training Name Change</a>	

[Grad MFA Dramatic Writing Revision](#)  
[UG BS Technology and Training Revision](#)  
[UG BS Biology - Biotechnology Concentration New](#)  
[Grad PhD Art History Built Environment Concentration New](#)  
[UG BA International Studies Revision](#)  
[UG BA International Studies Minor Revision](#)  
[UG BA Geography Revision](#)  
[UG BS Geography Revision](#)  
[Grad MEME/MBA Dual Degree Program Revision](#)  
[Grad MA Latin American Studies - Geography/Environmental New](#)  
[Grad MA Latin American Studies - Indigenous Studies New](#)  
[Grad MA Latin American Studies - Public Health New](#)  
[Grad PhD American Studies - Built Environment New](#)  
[Grad PhD Latin American Studies Revision](#)  
[Grad PhD Latin American Studies Geography Environmental New](#)  
[Grad PhD Latin American Studies Political Science New](#)  
[Grad PhD Latin American Studies Public Health New](#)  
[UG Sustainability Studies Minor Revision](#)  
[Grad PhD Economics Public Economics Revision](#)  
[UG Bachelor of Music Performance Concentration Revision](#)  
[UG New BA East Asian Studies New](#)  
[Grad Master of Music, Collaborative Piano Revision](#)  
[Grad Master of Music, Performance Revision](#)  
[Grad Master of Music, Conducting Revision](#)  
[Grad Master of Music, Musicology Revision](#)  
[Grad Master of Music, String Pedagogy Revision](#)  
[Grad Master of Music, Woodwinds Revision](#)  
[Grad Master of Music, Theory and Composition Revision](#)  
[UG AS Pre-Science Revision](#)  
[UG AFA Fine Arts Revision](#)  
[UG AA Liberal Arts Revision](#)  
[AS Education Revision](#)  
[Grad MWR Water Resources Revision](#)  
[UG BA International Studies Revision](#)  
[Grad MA&PhD American Studies Revision](#)  
[Grad MSN Family Nurse Practitioner Revision](#)  
[Grad MSN Pediatric Nurse Practitioner Revision](#)  
[Grad MSN Nurse-Midwifery Revision](#)  
[Grad Credit Option Revision](#)  
[UG BA Asian Studies Deletion](#)

## AGENDA TOPICS

3:35	9. <a href="#">New Core Course Math 153 Pre-Calculus and Trigonometry</a>	<b>Action:</b> Derek Martinez
3:45	10. Legislative Session Update	<b>Information:</b> Matt Munoz
4:00	11. Academic Council Report	<b>Information:</b> Charlie Steen
4:15	12. Athletic Council Report	<b>Information;</b> Alfred Mathewson
4:30	13. Electronic Contracts	<b>Information:</b> Carol Parker
4:40	14. New Business and Open Discussion	<b>Discussion</b>
5:00	Adjournment	<b>Action</b>

## NOTES:

1. All faculty are invited to attend Faculty Senate meetings.
2. Full agenda packets are available at <http://www.unm.edu/~facsen/>
3. All information pertaining to the Faculty Senate can be found at <http://www.unm.edu/~facsen/>
4. Questions should be directed to the Office of the Secretary, Scholes 103, 277-4664
5. Information found in agenda packets is in draft form only and may not be used for quotes or dissemination of information until approved by the Faculty Senate.

# FACULTY SENATE SUMMARIZED MINUTES

## 2014-2015 FACULTY SENATE February 24, 2015

*(Draft – Awaiting Approval at the March 24, 2015 Faculty Senate meeting)*

The Faculty Senate meeting for February 24 was called to order at 3:00 p.m. in the Roberts Room of Scholes Hall. Faculty Senate President Pamela Pyle presided.

### ATTENDANCE

**Guests Present:** Geraldine Forbes-Isais-School of Architecture and Planning; Robert Doughty-Board of Regent; Larry Manuel Garcia y Griego-History Department; Carolyn Gonzales-University Communications and Marketing; Crystal Davis-Staff Council; Jason Wilby- Foreign Languages Literatures; Greg Heileman-Office of Provost; Sarah Kostelecky-University Libraries; Gail Houston-English; Shelley McLaughlin-Emergency Medicine School Academy; Rebecca Mayo-College of Nursing; Marios Pattichis-School of Engineering; Glenabah Martinez- College of Education; Jennifer Denetdale-University College; Barbara Reyes-SW Hispanic Research Institute; Leo Romero-School of Law; Nancy Lopez-College of Arts & Sciences; Magdalena Avila-Health Exercise & Sports Science; Daniel Ortega-School of Law; Patricia Perea-University College

### APPROVAL OF THE AGENDA

The agenda was approved as written.

#### 1. Approval of summarized minutes for January 27, 2015 meeting

The minutes were approved as written with no abstentions.

#### 2. Memorial Minute for Patrick Gallacher

English Chair Gail Houston presented on the Memorial Minute for Professor of Emeritus for Medieval Language and Literature Studies in the Department of English passed at the age of 80 years old on February 7, 2014. He received a Ph.D. in Medieval English Literature in 1964. He was part Philosopher, Poet and mentor. The English Department has its own fund in his name that is used to help undergraduate students. His love of poetry was such that he would compose for his family and even at birthdays, wedding anniversaries and graduations. He composed them for his graduate students to honor them.

#### 3. Memorial Minute for Tony Mares

English Chair Gail Houston presented on the Memorial Minute for English Emeritus Professor E.A. 'Tony' Mares teacher essayist, poet died January 30, 2015 at the age of 76.

Mares wrote on his website, "I was educated as a historian and Spanish Literature specialist. After teaching history and languages for many years, however, I became increasingly uncomfortable with my own way of understanding the world and also with my way of expressing that understanding. More and more, I turned to poetry."

Mares wrote, "For you, the reader, I hope you will enjoy my work. Some of my poems are meant to be humorous, others deal with political and social issues, and still others simply relate to the many worlds I describe...I want to entertain you, to enrage you, to make you reflect on our condition as arrogantly self-styled homo sapiens sapiens. If my poems even barely make you think about or reflect upon the stupid things we have done to ourselves over the last ten thousand years or so, then they will have succeeded as poems."

Mares is survived by his wife, Carolyn Meyer; son Ernesto Mares, daughter Vered Mares.

#### 4. Faculty Senate Presidents Report

The Faculty Senate will be discussing the budget decisions that are being considered as the University progresses through the current legislative session. Faculty Senate President Pamela Pyle serves on the Budget Leadership Committee that is reviewing different scenarios on how faculty can be more involved. Faculty Senate President Pamela Pyle hopes to convey what she believes is the interests of faculty, that faculty maintain the high quality in programs that we have currently and work to build on the still even through dwindling funds and uncertain new revenues.

Faculty Senate President Pamela Pyle's report to the Board of Regents on Monday, February 6, 2015:

"In looking at the budget forecast and the scenarios being considered I find myself with few answers but many questions. I hope that the directions these questions point to help lead us collectively to the answers that are most beneficial for the University and its common wealth of people and ideas. I am concerned today about identity and identity vs. perception. Is our identity as a truly great research institution clearly visible, if we don't provide exceptional support to our faculty and programs? Of course it's proven to take stock of our fiscal environment, look for ways of doing things better, but does this perception this way of looking have the potential to threaten our growth and identity as a strong academic center of knowledge and innovation. Is cutting always the right response to a financial crisis, is reinvestment in ourselves perhaps a better tact. I realize a balanced budget is an accountant ideal but is it also a used strategy to spend money to make money. How can we better invest in our people and our community? Might not investments in compensation, Academic programs, student services and a broader marketing campaign for instance, bear the financial fruit we are seeking. Our faculty are among the lowest paid of our peers. There are only 2 or 3 institutions below us. Our classes are slightly larger and we are being encouraged to expand them still. After there is a possibility of diminishing benefits and it seems to me that we are taking away incentives to attract and keep high quality faculty here. This is short sided. Must we consider the long term consequences to a short term solutions.

Another question in the identity vs. perception dilemma, our we out to save the University money in the case of the Pre-65 retirees in our actions at odds with our identity as a great compassionate institution who values its extended community.

Regarding the re-incorporation of the Pre-65 into the retirement pool, were hot to collaborative approach might be best a sharing of the cost between the actives of the University would certainly be very humane. Whenever decided I'm hopeful that the message be put out is not in conflict with who we say we or who we inspire to be. I was in a meeting about three weeks ago that a question was raised, our other Universities hasting into cut benefits? The answer was made by, yes many are! I tell this story because I believe this is where we don't want to be; sacrificing our values, ideals and our strengths to follow a common pathway. As we move forward in the budget process I prefer we bushwhack a trail of excellence, inclusion and forth sidedness when identity and perception align and our actions left our intentions and we support whats most valuable to us. Then we are as we claim the leading educational center, the flagship of the state of New Mexico."

Faculty Senate President Pamela Pyle welcomes the Faculty Senate's thoughts to her comments to the Board of Regents.

Faculty Senate President Pamela Pyle traveled with Health Science Center Council Chair Lee Brown and other HSC Faculty to the Legislative Session on UNM Day in Santa Fe, New Mexico. The faculty was able to discuss with legislatures. Mayor Richard Berry met with the Operations Committee including a couple of other faculty. Faculty Senate President Pamela Pyle hopes with that meeting it has opened a door with the Mayor.

#### 5. Provost's Report

Provost Abdallah reported on the Vice President for Research Search. The third candidate is on campus today. There is one more candidate who will be visiting the University soon. Provost Abdallah thanked the faculty who has attended the open forums. He encouraged faculty to continue to participate in the forums and to give their feedback.

The University is concerned about the New Mexico Lottery; there are a couple of options being reviewed by the legislature to make change to the Scholarship, one of them being where students can receive the Lottery Scholarship in the summers but that the 30% tool will be removed. THINK New Mexico is one of the groups lobbying to make sure this option is added. Senate Bill 355 states that the New Mexico Lottery as it stands when collecting the money 30% goes to the scholarship. The New Mexico Lottery Chief Executive Officer admitted that they are needing \$4-\$6 million dollars more than what they currently have to get a new contract. This will create hardships to the students and the institutions. The other New Mexico Lottery bill that is relevant to the University that the New Mexico Lottery will only pay for those whose income is need-base up to \$75,000.

The Health Science Center Chancellor Paul Roth first time in the history of the University to pass 50% in the 6 year graduation rate. Provost Abdallah encouraged all faculty to assist their students need 25 more students. If we make this goal it shows the public and the Board of Regents that the University is a great investment. About 4 years ago the University started at 25% in graduation rate and continues to grow.

**CONSENT AGENDA TOPICS**

**6. 2014-2015 Faculty Senate Committee Appointments**

The 2014-2015 Faculty Senate Committees appointments were approved by unanimous voice vote of the Faculty Senate.

**7. F**

Faculty Senate Committee Appointments Needing Senate Approval

Teaching Enhancement			
First	Last	Title	Department
Michel	Boivin	Clinician Ed-Associate Professor	IM Div of Pulmonary CC and Sleep

**Forms C**

The following Form C's were approved by voice vote of the Faculty Senate with two abstentions:

- Grad M.A. General Requirement Revision
- Grad M.A. Program Requirement Revision
- Grad Ph.D. Organization, Information and Learning Sciences Rev
- Grad Ph.D. Psychology Deletion
- UG Chinese Minor Revision
- UG B.A. Environmental Planning and Design Revision
- Grad M.B.A./M.E.M.E. Revision
- UG A.S. Health Education VA Revision
- UG Secondary Ed Certificate VA Deletion
- UG Elementary Education Cert VA Revision
- UG A.A. Elementary Education VA Revision
- UG A.A. Studio Art VA
- Grad Ph.D. Physics Revision
- Grad M.A. Community/Regional Planning Program
- UG B.S. Nuclear Engineering
- UG B.A. History Minor Revision
- UG B.A. History Revision
- UG A.A. Liberal Arts W/ concentration Revision VA
- UG Arabic Minor Revision

## **AGENDA TOPIC**

### **8. Regent Robert Doughty**

Regent Robert Doughty received his Undergraduate degree at New Mexico State and received his Law Degree at the University of New Mexico's School of Law. He is a fourth generation New Mexican, he was born in Albuquerque raised in Alamogordo. His parents both attended the University at the Anderson School of Management receiving his Business Degree then receiving his Law Degree. His mother received her degree in the School of Nursing. He expressed his respect for the faculty and Institution.

Regent Robert Doughty expressed his eager to listen and learn more about the University.

Faculty Senators stated their concerns and accomplishments of the University. Faculty mentioned healthcare benefits, student debt, raises, Board of Regents needing to be the University's advocate etc.

### **9. Fiscal Year 2016 Budget Development Update**

Vice President for Budget Analysis and Planning Andrew Cullen gave an update regarding the fiscal year 2016 budget development. There is a 4 year budget plan called an Environmental Stand submitted to the Board of Regents in September 2014 it addresses administration costs, peer comparisons with tuition and fees. A new group of 22 peers have been identified some of them are aspirational, most are regional, and several are minority majority restitutions. The base of the 4 year plan is the academic plan that Provost Abdallah put in place. The inflationary factor has been reviewed such as fringe benefits, healthcare, utilities and other insurances. The Budget Leadership Team will present to the Board of Regents on March 9, 2015 the Innovative ABQ development framework. The Budget Leadership Team is actively working with the City of Albuquerque to move this effort forward so the University can help diversify the economy.

The enrollment is down this current fiscal year; therefore, there was a 1.5% decrease in student credit hour enrollment. That decrease results in about a \$3.60 billion dollar shortfall in revenue within the overall budget. It's made up of tuition \$2.7 million and student fees of \$900,000. This year the goal is to review the other revenues that support instruction in general. There are 4 different sources that can be used; self-insurance reserves \$2.5 million. This is to come up with one time revenues to help with this year's budget. There is a building renewal replacement there is \$1.7 million in reserves and student aide. These have balanced this year's fiscal budget.

The University is anticipating flat enrollment next year so the \$3.6 million dollar problem we have this year the University will reduce the base going into next year because they are counting on additional tuition money.

The \$7.2 million dollars is the result in decrease revenue and anticipated cost increases for utilities, healthcare and other insurances. The University should receive \$2.116 through the state from the funding formula. \$402,000 of that is due to the Health Science Center.

### **10. Form D Proposal for Master of Legal Studies Degree for Non-Lawyers**

The Director of International Law Programs Daniel Ortega and Professor of Law Robert Desiderio presented on the proposal for Master of Legal Studies Degree for Non-Lawyers.

The Master of Legal Studies is not a degree for students who are pursuing a law degree. It is for those students who have other professions who would wish to advance or help by being introduced to the legal method of legal processing some basic substance of law. This is a new degree merging throughout the country being at 36 institutions. Most have been adopted in the last 3-5 years. It is a 30 hour program of which one of 4 hours must be an introduction to legal studies. The students will take courses within the Law School with other Law students. However the grading scale will differ. Two concentrations are being offered; Indian Law and Natural Resources - Environmental Law which are two areas in the Law School that certificates are offered who have an advanced curriculum. Other students who are interested pursuing other areas will work with the faculty and director in developing a program for them.

The form D, Master of Legal Studies Degree for Non-Lawyers was approved by unanimous vote of the Faculty Senate.

#### **11. Form C Chicana and Chicano Studies Program**

Director of Chicana and Chicano Studies Irene Vasquez and UNM Land Grant Studies program Director Larry Manuel Garcia y Griego presented on the proposal for Chicana and Chicano Studies program. This program will allow hiring, tenure and promoting its own faculty which currently as an interdisciplinary program they cannot due in the College of Arts and Sciences. This program was established over 45 years ago at the University. Over the last 3 years they have developed the Bachelor of Arts degree program with the support of the Board of Regents. Two certificate programs were developed; those have attracted 50 students to date with 7 of them graduating in Spring 2015. The enrollment growth as gone from 250% from Fall 2011 to Fall 2014. There are two Core Courses offered in the Social and Behavioral Sciences and in the Humanities area that enrolls 400 students a year. The Program offers first year learning communities that enroll 100 students a year. The online courses have added to the enrollment growth and are moving to launch the online bachelor's degree in Chicana and Chicano Studies being the first in the U.S. in Fall 2015. The Chicana and Chicano Studies Program is designed on the high impact practice model. For example, in their degree program, students gain 10 of the 10 recommended high impact practices through the Academic Association of Colleges and Universities.

The form C, Chicana and Chicano Studies Program was approved by unanimous vote of the Faculty Senate.

#### **12. Form C Core Course for Anthropology**

Professor of Anthropology James Boon presented on the proposal for Anthropology 220 World Archaeology to be added to the Core Curriculum. This course surveys the development of technological and cultural social development of the human species. This is fundamental for the college graduates and citizens to have basic knowledge in the recent history in civilization but also the 2.5 half million yearlong evolution of human culture.

The form C Core Course for Anthropology was approved by unanimous vote of the Faculty Senate.

#### **13. Form C Core Course for Sociology**

Professor of Sociology Nancy Lopez presented on the proposal for Sociology 216 Dynamics of Prejudice. The focus of the course is to look at issues difference, power and discrimination in terms of multiple identities. Currently there is one course in the Core Curriculum; this course will have focus on multiple areas which will include gender, sexual orientation, issues of ethnicity, religion and class. These types of courses have been shown to increase student success. This course will prepare students for professional success, transformations leadership and civic engagement in our increasingly diverse workplaces and society.

The form C Core Course for Sociology was approved by unanimous vote of the Faculty Senate.

#### **14. Faculty Senate Academic Council Report**

This item was deferred to the March 24, 2015 Faculty Senate agenda.

**Meeting adjourned at 5:20 p.m.**

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1321**

Fields marked with \* are required

**Name of Initiator:** Sylvia Andrew    **Email:** [sandrew@unm.edu](mailto:sandrew@unm.edu)    **Phone Number:** 505 863-7549    **Date:** 10-28-2013

Associated Forms exist? Yes   
Initiator's Title Professor  
Faculty Contact Sylvia Andrew    Administrative Contact Georgene Galanis-Dimas  
Department Human Services    Admin Email ggalanis@unm.edu  
Branch Gallup    Admin Phone (505) 863-7664

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Undergraduate Degree Program   
Name of New or Existing Program AA in Human Services, Concentration: Family Studies (GA)  
Select Category Concentration  Degree Type Associate  
Select Action New

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[2011-2013 Human Service \(CERT AA\).pdf](#)  
[Associate of Arts in Human Services, Concentration in Family Studies.doc](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

Proposed concentrations were discussed and reviewed with Associate Professor Ellis-Sankari at UNM Taos. The AA in Human Services at UNM Taos has been incorporated as an area of focus into the Associate of Arts in Liberal Studies effective Summer 2014 at UNM Taos.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Justification AA in Human Services, Concentration in Family Studies.doc](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## Certificate – Human Services (30 credits)

The two-semester program gives a foundation for further education in several fields. It enhances student's ability to obtain employment in Human Services areas at the entry-level.

Courses in this program with an \* after the course number are considered technical, vocational, occupational, or developmental and may not be transferable to a baccalaureate program. Please consult with your advisor for current transferability information.

### GENERAL EDUCATION REQUIREMENTS (9):

#### Communications (3):

ENGL 101                      Comp I: Exposition                      3cr

#### Behavioral & Social Science (6):

PSY 105                      General Psychology                      3cr  
SOC 101                      Introduction to Sociology                      3cr

#### HUMAN SERVICES CORE (15):

HS 101                      Introduction to Human Services                      3cr  
HS 102                      Principles of Interviewing                      3cr  
HS 105                      Group Dynamics                      3cr  
HS 109                      Techniques of Assessment & Intervention                      3cr  
HS 250                      Clinical Experience in Human Services                      3cr

#### ELECTIVES (6):

Recommended HED 171 Personal Health Management                      3cr  
Elective                      3cr

### SUGGESTED COURSE SEQUENCING:

Recommended Course Sequence for Full-time Students (Part-time Students should see an Academic Advisor to customize their educational plan)

#### Term 1 – 15cr/hrs

ENGL 101                      Comp I: Exposition                      3cr  
HS 101                      Introduction to Human Services                      3cr  
HS 102                      Principles of Interviewing                      3cr  
SOC 101                      Introduction to Sociology                      3cr  
Elective (HED 171)                      3cr

#### Term 2 – 15cr/hrs

HS 105                      Group Dynamics                      3cr  
HS 109                      Techniques of Assessment & Intervention                      3cr  
HS 250                      Clinical Experience in Human Services                      3cr  
PSY 105                      General Psychology                      3cr  
Elective                      3cr

\*\*Summer Semester as needed.

If you're starting in the Fall semester; Spring/Fall can be interchangeable.

FOR ADVISEMENT: Contact Student Services Advisement Center, (505) 863-7660.

## Associate of Arts – Human Services (67 credits)

The Human Services Associates Degree will transfer toward a Human Services minor in the Bachelor of Arts in Family Studies at the University of New Mexico Albuquerque. The credit earned through the AA degree in Human Services may also be used toward a Human Services minor in the Bachelor of University Studies degree. The following courses are required for the Associates in Human Services.

### GENERAL EDUCATION REQUIREMENTS (9):

<b><u>Communications (9):</u></b>	
ENGL 101	Comp I: Exposition 3cr
ENGL 102	Comp II: Analysis & Argument 3cr
CJ 130	Public Speaking 3cr

### **Behavioral & Social Science (12):**

ANTH 101	Introduction to Anthropology	OR
	ANTH 130 Cultures of the World	3cr
ECON 105	Intro to Macroeconomics	3cr
PSY 105	General Psychology	3cr
SOC 101	Introduction to Sociology	3cr

### **Fine Arts (3)**

### **Humanities (6)**

### **Mathematics (3):**

MATH 121	College Algebra	OR
STAT 145	Intro to Statistics	3cr

### **Physical and Natural Sciences (4):**

BIOL 110/112L	Biology for Non-Majors w/Lab	4cr
Second Language (3)		3cr

### **HUMAN SERVICES CORE (24):**

HS 101	Introduction to Human Services	OR
FS 281	Introduction to Family Studies	3cr
FS 213	Marriage & Family Relations	3cr
HS 102	Principles of Interviewing	3cr
HS 105	Group Dynamics	3cr
HS 109	Techniques of Assessment & Intervention	3cr

HS 250	Clinical Experience in Human Services	3cr
HS 251	Clinical Experience	3cr
PSY 220	Developmental Psychology	3cr
<b><u>ELECTIVES (3):</u></b> (Must be approved by Human Services Advisor)		
	Elective	3cr

### **SUGGESTED COURSE SEQUENCING:**

Recommended Course Sequence for Full-time Students (Part-time Students should see an Academic Advisor to customize their educational plan)

#### **Term 1 – 18cr/hrs**

ENGL 101	Comp I: Exposition	3cr
HS 101	Introduction to Human Services	OR
	FS 281 Introduction to Family Studies	3cr
HS 102	Principles of Interviewing	3cr
SOC 101	Introduction to Sociology	3cr
PSY 105	General Psychology	3cr
	Fine Arts Elective	3cr

#### **Term 2 – 17cr/hrs**

ENGL 102	Comp II: Analysis & Argument	3cr
ANTH 101	Introduction to Anthropology	OR
	ANTH 130 Cultures of the World	3cr
BIOL 110/112L	Biology for Non-Majors w/Lab	4cr
HS 105	Group Dynamics	3cr
HS 109	Techniques of Assessment & Intervention	3cr

#### **Term 3 – 18cr/hrs**

FS 213	Marriage & Family Relations	3cr
PSY 220	Developmental Psychology	3cr
HS 250	Clinical Experience in Human Services	3cr
	Humanities Elective	6cr
	Second Language Elective	3cr

#### **Term 3 – 15cr/hrs**

CJ 130	Public Speaking	3cr
ECON 105	Intro to Macroeconomics	3cr
HS 251	Clinical Experience	3cr
MATH 121	College Algebra	OR
	STAT 145 Intro to Statistics	3cr
	Elective	3cr

\*\*Summer Semester as needed.

If you're starting in the Fall semester, Spring/Fall can be interchangeable.

FOR ADVISEMENT: Contact Student Services Advisement Center, (505) 863-7660.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1354**

Fields marked with \* are required

**Name of Initiator:** Sylvia Andrew    **Email:** [sandrew@unm.edu](mailto:sandrew@unm.edu)    **Phone Number:** 505 863-7549    **Date:** 11-03-2013

Associated Forms exist? Yes   
Initiator's Title Professor  
Faculty Contact Sylvia Andrew    Administrative Contact Georgene Galanis-Dimas  
Department Human Services    Admin Email ggalanis@unm.edu  
Branch Gallup    Admin Phone 505-863-7664

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Undergraduate Degree Program   
Name of New or Existing Program AA in Human Services, Concentration: Human Services in Tribal Communities (GA)  
Select Category Concentration  Degree Type Associate  
Select Action New

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.  
See current catalog for format within the respective college (upload a doc/pdf file)

[2011-2013 Human Service \(CERT AA\).pdf](#)  
[Associate of Arts in Human Services. Concentration in Human Services in Tribal Communities.doc](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
The addition of the concentration in Human Services in Tribal Communities to the AA in Human Services will allow students to make timely progress towards completion of program requirements and to earn provisional status as a Certified Tribal Child Welfare Worker. This additional credential will increase students' marketability for entry level employment and/or increase students' pursuing further study. Changes to the AA in Human Services were discussed and reviewed with Prof. Ellis-Sankari at UNM Taos.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Justification AA in Human Services Concentration in Human Services in Tribal Communities.doc](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## Certificate – Human Services (30 credits)

The two-semester program gives a foundation for further education in several fields. It enhances student's ability to obtain employment in Human Services areas at the entry-level.

Courses in this program with an \* after the course number are considered technical, vocational, occupational, or developmental and may not be transferable to a baccalaureate program. Please consult with your advisor for current transferability information.

### GENERAL EDUCATION REQUIREMENTS (9):

#### Communications (3):

ENGL 101                      Comp I: Exposition                      3cr

#### Behavioral & Social Science (6):

PSY 105                      General Psychology                      3cr  
SOC 101                      Introduction to Sociology                      3cr

#### HUMAN SERVICES CORE (15):

HS 101                      Introduction to Human Services                      3cr  
HS 102                      Principles of Interviewing                      3cr  
HS 105                      Group Dynamics                      3cr  
HS 109                      Techniques of Assessment & Intervention                      3cr  
HS 250                      Clinical Experience in Human Services                      3cr

#### ELECTIVES (6):

Recommended HED 171 Personal Health Management                      3cr  
Elective                      3cr

### SUGGESTED COURSE SEQUENCING:

Recommended Course Sequence for Full-time Students (Part-time Students should see an Academic Advisor to customize their educational plan)

#### Term 1 – 15cr/hrs

ENGL 101                      Comp I: Exposition                      3cr  
HS 101                      Introduction to Human Services                      3cr  
HS 102                      Principles of Interviewing                      3cr  
SOC 101                      Introduction to Sociology                      3cr  
Elective (HED 171)                      3cr

#### Term 2 – 15cr/hrs

HS 105                      Group Dynamics                      3cr  
HS 109                      Techniques of Assessment & Intervention                      3cr  
HS 250                      Clinical Experience in Human Services                      3cr  
PSY 105                      General Psychology                      3cr  
Elective                      3cr

\*\*Summer Semester as needed.

If you're starting in the Fall semester; Spring/Fall can be interchangeable.

FOR ADVISEMENT: Contact Student Services Advisement Center, (505) 863-7660.

## Associate of Arts – Human Services (67 credits)

The Human Services Associates Degree will transfer toward a Human Services minor in the Bachelor of Arts in Family Studies at the University of New Mexico Albuquerque. The credit earned through the AA degree in Human Services may also be used toward a Human Services minor in the Bachelor of University Studies degree. The following courses are required for the Associates in Human Services.

### GENERAL EDUCATION REQUIREMENTS (9):

<b><u>Communications (9):</u></b>	
ENGL 101	Comp I: Exposition 3cr
ENGL 102	Comp II: Analysis & Argument 3cr
CJ 130	Public Speaking 3cr

### **Behavioral & Social Science (12):**

ANTH 101	Introduction to Anthropology	OR
	ANTH 130 Cultures of the World	3cr
ECON 105	Intro to Macroeconomics	3cr
PSY 105	General Psychology	3cr
SOC 101	Introduction to Sociology	3cr

### **Fine Arts (3)**

### **Humanities (6)**

### **Mathematics (3):**

MATH 121	College Algebra	OR
STAT 145	Intro to Statistics	3cr

### **Physical and Natural Sciences (4):**

BIOL 110/112L	Biology for Non-Majors w/Lab	4cr
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Second Language (3)

### **HUMAN SERVICES CORE (24):**

HS 101	Introduction to Human Services	OR
FS 281	Introduction to Family Studies	3cr
FS 213	Marriage & Family Relations	3cr
HS 102	Principles of Interviewing	3cr
HS 105	Group Dynamics	3cr
HS 109	Techniques of Assessment & Intervention	3cr

HS 250	Clinical Experience in Human Services	3cr
HS 251	Clinical Experience	3cr
PSY 220	Developmental Psychology	3cr
<b><u>ELECTIVES (3):</u></b> (Must be approved by Human Services Advisor)		
	Elective	3cr

### **SUGGESTED COURSE SEQUENCING:**

Recommended Course Sequence for Full-time Students (Part-time Students should see an Academic Advisor to customize their educational plan)

#### **Term 1 – 18cr/hrs**

ENGL 101	Comp I: Exposition	3cr
HS 101	Introduction to Human Services	OR
	FS 281 Introduction to Family Studies	3cr
HS 102	Principles of Interviewing	3cr
SOC 101	Introduction to Sociology	3cr
PSY 105	General Psychology	3cr
	Fine Arts Elective	3cr

#### **Term 2 – 17cr/hrs**

ENGL 102	Comp II: Analysis & Argument	3cr
ANTH 101	Introduction to Anthropology	OR
	ANTH 130 Cultures of the World	3cr
BIOL 110/112L	Biology for Non-Majors w/Lab	4cr
HS 105	Group Dynamics	3cr
HS 109	Techniques of Assessment & Intervention	3cr

#### **Term 3 – 18cr/hrs**

FS 213	Marriage & Family Relations	3cr
PSY 220	Developmental Psychology	3cr
HS 250	Clinical Experience in Human Services	3cr
	Humanities Elective	6cr
	Second Language Elective	3cr

#### **Term 3 – 15cr/hrs**

CJ 130	Public Speaking	3cr
ECON 105	Intro to Macroeconomics	3cr
HS 251	Clinical Experience	3cr
MATH 121	College Algebra	OR
	STAT 145 Intro to Statistics	3cr
	Elective	3cr

\*\*Summer Semester as needed.

If you're starting in the Fall semester, Spring/Fall can be interchangeable.

FOR ADVISEMENT: Contact Student Services Advisement Center, (505) 863-7660.

## Justification

### Associate of Arts Degree in Human Services, Concentration in Human Services in Tribal Communities

According to the information provided by the Office of Enrollment Services at UNM Gallup, 54 students declared Human Services as their area of study. Of these, 22 students were working towards their Associate of Arts degree and 32 students were pursuing the Certificate in Human Services.

The current 67 credit AA in Human Services has not seamlessly transferred to the Family Studies Program at UNM ABQ or accepted toward a Human Services minor in the Bachelor of Arts in Family Studies. The minor in Human Services was deleted at UNM ABQ several years ago and the current Family Studies program is undergoing major changes to their curriculum.

The proposed changes to the AA in Human Services call for the addition of three concentrations that are aligned with NM Common Core requirements and list only general education courses offered at the UNM Gallup campus in students' program of study. Two of the three concentrations (Substance Abuse and Human Services in Tribal Communities) provide licensure or provisional certification status that will allow students to earn marketable credentials along with their AA. Each concentration requires seven (7) courses or 21 credit hours of electives in Human Services. The proposed changes also include a required technology course and an additional three (3) credit hours of a language other than English. Articulation agreements have been developed with Eastern New Mexico University, New Mexico Highlands University, New Mexico State University and Western New Mexico University pending final approval of the proposed changes to the Certificate and Associate of Arts degree in Human Services. The new AA in Human Services will increase by one (1) credit hour.

### **Concentration in Human Services in Tribal Communities**

The status of children in New Mexico is a major concern and Gallup-McKinley County's proximity to the Navajo Nation and Zuni Pueblo strongly suggest that the preparation of knowledgeable and culturally competent professionals in Indian Child Welfare is sorely needed. The Zuni Governor and Tribal Council endorsed the Concentration in Human Services in Tribal Communities on June 25, 2013.

All seven (7) courses (21 credit hours) will be accepted in transfer by Eastern New Mexico University, New Mexico Highlands University, New Mexico State University and Western New Mexico University.

The proposed revisions to the Associate of Arts degree in Human Services were approved by the UNM Gallup Curriculum Committee on April 26, 2013.

### Long Range Planning Impact

The proposed changes to the Associate of Arts degree in Human Services offers students an option to pursue one of three concentrations and (1) make timely progress towards completion of program requirements within 150% time; (2) strengthen course sequencing to allow students to gain increasing knowledge and skills from previous coursework; (3) transfer seamlessly to NM undergraduate programs by decreasing unnecessary courses that will not transfer; (4) include a capstone course to be offered concurrently with the field internship to allow for appropriate outcome(s) assessment; (5) placement in an appropriate field internship that reflects a students' concentration; and (6) offer students the opportunity to earn marketable credentials with the AA degree in Human Services.

The long-term goal is to increase the number of American Indian students completing baccalaureate and masters' degrees.

### Budget Analysis

The three (3) required courses for this concentration (Navajo Traditional and Customary Laws, Domestic Relations and Original and Alternative Dispute Mediation) are also required for the (revised) Tribal Court Advocate Program. These courses will be offered by the full-time faculty member that will teach the required tribal court advocate courses.

### Faculty Workload Implications

All but three (3) of the required courses for the Concentration in Human Services in Tribal Communities can be provided by the existing full-time tenured faculty member. The three required courses with specialized content in Indian Child Welfare laws, family conferences and dispute mediation will be offered to both Tribal Court Advocate and HS students pursuing this concentration by the faculty teaching in the tribal court advocate program.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1355**

Fields marked with \* are required

**Name of Initiator:** Sylvia Andrew    **Email:** [sandrew@unm.edu](mailto:sandrew@unm.edu)    **Phone Number:** 505 863-7549    **Date:** 11-03-2013

Associated Forms exist? Yes  Initiator's Title Professor, Human Services  
Faculty Contact Sylvia Andrew    Administrative Contact Georgene Galanis-Dimas  
Department Human Services    Admin Email ggalanis@unm.edu  
Branch Gallup    Admin Phone 505-863-7664

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program    
Name of New or Existing Program AA in Human Services, Concentration: Substance Abuse (GA)  
Select Category   Degree Type Associate  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[2011-2013 Human Service \(CERT AA\).pdf](#)  
[Associate of Arts in Human Services, Concentration in Substance Abuse.doc](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

The AA in Human Services will include the option to pursue one of three (3) concentrations as part of the degree requirements. Students pursuing the Substance Abuse concentration have the option to earn the Licensed Substance Abuse Associate (LSAA) that will increase students' marketability for entry level employment or pursue further study. Proposed changes were discussed and reviewed with Prof. Ellis Sankari at UNM Taos

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Justification AA in Human Services, Concentration in Substance Abuse.doc](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## Certificate – Human Services (30 credits)

The two-semester program gives a foundation for further education in several fields. It enhances student's ability to obtain employment in Human Services areas at the entry-level.

Courses in this program with an \* after the course number are considered technical, vocational, occupational, or developmental and may not be transferable to a baccalaureate program. Please consult with your advisor for current transferability information.

### GENERAL EDUCATION REQUIREMENTS (9):

#### Communications (3):

ENGL 101                      Comp I: Exposition                      3cr

#### Behavioral & Social Science (6):

PSY 105                      General Psychology                      3cr  
SOC 101                      Introduction to Sociology                      3cr

#### HUMAN SERVICES CORE (15):

HS 101                      Introduction to Human Services                      3cr  
HS 102                      Principles of Interviewing                      3cr  
HS 105                      Group Dynamics                      3cr  
HS 109                      Techniques of Assessment & Intervention                      3cr  
HS 250                      Clinical Experience in Human Services                      3cr

#### ELECTIVES (6):

Recommended HED 171 Personal Health Management                      3cr  
Elective                      3cr

### SUGGESTED COURSE SEQUENCING:

Recommended Course Sequence for Full-time Students (Part-time Students should see an Academic Advisor to customize their educational plan)

#### Term 1 – 15cr/hrs

ENGL 101                      Comp I: Exposition                      3cr  
HS 101                      Introduction to Human Services                      3cr  
HS 102                      Principles of Interviewing                      3cr  
SOC 101                      Introduction to Sociology                      3cr  
Elective (HED 171)                      3cr

#### Term 2 – 15cr/hrs

HS 105                      Group Dynamics                      3cr  
HS 109                      Techniques of Assessment & Intervention                      3cr  
HS 250                      Clinical Experience in Human Services                      3cr  
PSY 105                      General Psychology                      3cr  
Elective                      3cr

\*\*Summer Semester as needed.

If you're starting in the Fall semester; Spring/Fall can be interchangeable.

FOR ADVISEMENT: Contact Student Services Advisement Center, (505) 863-7660.

## Associate of Arts – Human Services (67 credits)

The Human Services Associates Degree will transfer toward a Human Services minor in the Bachelor of Arts in Family Studies at the University of New Mexico Albuquerque. The credit earned through the AA degree in Human Services may also be used toward a Human Services minor in the Bachelor of University Studies degree. The following courses are required for the Associates in Human Services.

### GENERAL EDUCATION REQUIREMENTS (9):

<b><u>Communications (9):</u></b>	
ENGL 101	Comp I: Exposition 3cr
ENGL 102	Comp II: Analysis & Argument 3cr
CJ 130	Public Speaking 3cr

### **Behavioral & Social Science (12):**

ANTH 101	Introduction to Anthropology	OR
	ANTH 130 Cultures of the World	3cr
ECON 105	Intro to Macroeconomics	3cr
PSY 105	General Psychology	3cr
SOC 101	Introduction to Sociology	3cr

### **Fine Arts (3)**

### **Humanities (6)**

### **Mathematics (3):**

MATH 121	College Algebra	OR
STAT 145	Intro to Statistics	3cr

### **Physical and Natural Sciences (4):**

BIOL 110/112L	Biology for Non-Majors w/Lab	4cr
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Second Language (3)

### **HUMAN SERVICES CORE (24):**

HS 101	Introduction to Human Services	OR
	FS 281 Introduction to Family Studies	3cr
FS 213	Marriage & Family Relations	3cr
HS 102	Principles of Interviewing	3cr
HS 105	Group Dynamics	3cr
HS 109	Techniques of Assessment & Intervention	3cr

HS 250	Clinical Experience in Human Services	3cr
HS 251	Clinical Experience	3cr
PSY 220	Developmental Psychology	3cr
<b><u>ELECTIVES (3):</u></b> (Must be approved by Human Services Advisor)		
	Elective	3cr

### **SUGGESTED COURSE SEQUENCING:**

Recommended Course Sequence for Full-time Students (Part-time Students should see an Academic Advisor to customize their educational plan)

#### **Term 1 – 18cr/hrs**

ENGL 101	Comp I: Exposition	3cr
HS 101	Introduction to Human Services	OR
	FS 281 Introduction to Family Studies	3cr
HS 102	Principles of Interviewing	3cr
SOC 101	Introduction to Sociology	3cr
PSY 105	General Psychology	3cr
	Fine Arts Elective	3cr

#### **Term 2 – 17cr/hrs**

ENGL 102	Comp II: Analysis & Argument	3cr
ANTH 101	Introduction to Anthropology	OR
	ANTH 130 Cultures of the World	3cr
BIOL 110/112L	Biology for Non-Majors w/Lab	4cr
HS 105	Group Dynamics	3cr
HS 109	Techniques of Assessment & Intervention	3cr

#### **Term 3 – 18cr/hrs**

FS 213	Marriage & Family Relations	3cr
PSY 220	Developmental Psychology	3cr
HS 250	Clinical Experience in Human Services	3cr
	Humanities Elective	6cr
	Second Language Elective	3cr

#### **Term 3 – 15cr/hrs**

CJ 130	Public Speaking	3cr
ECON 105	Intro to Macroeconomics	3cr
HS 251	Clinical Experience	3cr
MATH 121	College Algebra	OR
	STAT 145 Intro to Statistics	3cr
	Elective	3cr

\*\*Summer Semester as needed.

If you're starting in the Fall semester, Spring/Fall can be interchangeable.

FOR ADVISEMENT: Contact Student Services Advisement Center, (505) 863-7660.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1369**

Fields marked with \* are required

**Name of Initiator:** Paula Watt    **Email:** [pwatt@unm.edu](mailto:pwatt@unm.edu)    **Phone Number:** 505 863-7747    **Date:** 12-09-2013

Associated Forms exist? No    Initiator's Title Chair: Gallup Branch  
Faculty Contact Paula Watt    Administrative Contact Debbie Garcia  
Department Math and Science    Admin Email debgar2@unm.edu  
Branch Gallup    Admin Phone (505) 863-7700

**Proposed effective term**

Semester Spring    Year 2015

**Course Information**

Select Appropriate Program Undergraduate Degree Program  
Name of New or Existing Program AA Communications - GA  
Select Category Degree    Degree Type Associate  
Select Action Deletion

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

In the past 5 years, we have only had 2 students graduate with an Associate degree in Communication, one in 2009 and one in 2013.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[communication AA.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

We are cancelling this program due to low enrollment. We have made arrangements and have taught out any students that wished to finish the degree. There will be no impact on budget, faculty, or long-range planning.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1377**

Fields marked with \* are required

**Name of Initiator:** Tina Marie Armijo    **Email:** [tmarmijo@unm.edu](mailto:tmarmijo@unm.edu)    **Phone Number:** 505 277-1890    **Date:** 02-11-2014

Associated Forms exist? Yes  Initiator's Title Unit Administrator: ASM Accounting  
Faculty Contact Craig White    Administrative Contact Tina Armijo  
Department Dept of Accounting    Admin Email tmarmijo@unm.edu  
Branch Main    Admin Phone 277-1890

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program Shared-Credit Degrees Program: BBA & Master of Accounting  
Select Category Degree  Degree Type Graduate  
Select Action New

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Integrated Program Verbiage\[1\].docx](#)  
[BBA Master of Accounting Integrated program.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

This program will attract our very best accounting students and give them the ability to obtain both degrees and still meet New Mexico's requirements to sit for the CPA exam.

[Form C - BBA MACCt Integrated.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

The Shared-Credit Degrees Program BBA-Master of Accounting allows students with a goal of obtaining licensure as a Certified Public Accountant (CPA) to begin the Master of Accounting (M.Acct.) program during their senior year. The Shared-Credit Degrees Program meets the CPA education requirements through a combination of undergraduate accounting classes and a flexible mix of graduate-level accounting courses in financial accounting, tax, auditing, and information assurance.

For the first three years of university studies, the student pursues a normal program of undergraduate work. During the junior year (90 hours) of academic work, the student applies for admission to the M.Acct. program. In the senior year of academic work, the student begins the first year of the M.Acct. program and also completes the requirements for the undergraduate degree using specified graduate courses. In the final year of study, the student completes the second-year requirements and electives of the M.Acct. program.

## FORM C Degree/Program Change

Anderson School of Management internal approval form

Faculty Contact: Craig White

Department: Department of Accounting

Division: Anderson School of Management

Branch: Main

Program: MACct

Proposed effective term Semester: Fall Year: 2014

### Course Information

Circle Program Undergraduate X Graduate X

Name of new or existing program:

#### **Integrated BBA-Master of Accounting Program**

Select Category: Degree X Major \_\_\_ Minor \_\_\_ Concentration \_\_\_ Certificate \_\_\_

Emphasis \_\_\_ Department \_\_\_ Subject code \_\_\_

Degree type: Graduate

Select Action: New X Revision \_\_\_ Deletion \_\_\_ Name Change \_\_\_

Exact Title and Requirements as they should appear in the catalog:

**The Integrated BBA-Master of Accounting Program allows students with a clear focus on financial accounting, tax accounting or information assurance in their undergraduate degree to begin their M.Acct. studies early. For the first three years of university studies, the student pursues a normal program of undergraduate work. During the junior year (90 hours) of academic work, the student applies for admission to the M.Acct. Program. In the senior year of academic work, the student begins the first year of the M.Acct. program and also completes the requirements for the undergraduate degree using specified graduate courses. In the final year of study, the student completes the second-year requirements and electives of the M.Acct. program.**

**Students must meet admission requirements for the MACCT. Students who choose not to complete the graduate portion of the program are still awarded the undergraduate degree when all undergraduate requirements are met.**

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

This program will attract our very best accounting students and give them the ability to obtain both degrees and still meet New Mexico's requirements to sit for the CPA exam.

Statements to address budgetary and Faculty Load Implications and long-range planning:

None, to be taught by existing faculty.

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Approved, Department Chair                      Date

---

Approved, C & P Committee Chair      Date

---

Approved, Faculty Chair                      Date

---

Approved, Associate Dean                      Date  
In charge of curriculum

---

Submitted online                              Date

February 2010

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1380**

Fields marked with \* are required

**Name of Initiator:** Deirdre F Markham    **Email:** [dmarkham@unm.edu](mailto:dmarkham@unm.edu)    **Phone Number:** 277-4161    **Date:** 02-18-2014

Associated Forms exist? Yes  Initiator's Title Program Specialist (Anderson School of Management)  
Faculty Contact Robert DelCampo    Administrative Contact Deirdre Markham  
Department Anderson School of Management    Admin Email dmarkham@unm.edu  
Branch Main Campus    Admin Phone 277-4161

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program Master of Business Administration  
Select Category Major  Degree Type MBA  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C MBA No Conc.Conc Program.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

In attached document and entered below: Anderson faculty have completed a three-year curriculum review which incorporated feedback from a variety of stakeholders including students, employers, our 2010 AACSB (Association to Advance Collegiate Schools of Business) accreditation review, and the faculty evaluation of market trends and needs of students. Based on the curriculum review, it was determined that student s needs could be better met with a clear delineation between the two tracks of a generalist M.B.A. (Accelerated Program) and a concentration M.B.A. (Focused Program). This will allow students to determine at the beginning of their academic career which track best suits their professional and personal goals and allow the school to allocate faculty resources more efficiently to meet these needs.

[Form C MBA No Conc.Conc Program.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C MBA No Conc.Conc Program.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## FORM C Degree/Program Change

Anderson School of Management internal approval form

Faculty Contact: Robert DelCampo, Associate Dean

Department: Anderson School of Management

Division:

Branch:

Program: Master of Business Administration

Proposed effective term      Semester: Fall      Year: 2014

### Course Information

Circle Program      Undergraduate \_\_\_\_\_ Graduate  X

Name of new or existing program:

Master of Business Administration

Select Category:      Degree  X       Major \_\_\_\_\_      Minor \_\_\_\_\_      Concentration \_\_\_\_\_      Certificate \_\_\_\_\_

Emphasis \_\_\_\_\_      Department \_\_\_\_\_      Subject code \_\_\_\_\_

Degree type: Graduate

Select Action:      New \_\_\_\_\_      Revision  X       Deletion \_\_\_\_\_      Name Change \_\_\_\_\_

Exact Title and Requirements as they should appear in the catalog:

**Accelerated M.B.A. (Generalist, consists of 37 credits)**

31 credit hours of core coursework:

MGMT 501 Data Driven Decision Making (formerly Statistical Analysis for Management Decisions, see form A2898 for name change request)

February 2010

MGMT 502 Financial Accounting & Analysis (formerly Accounting and Management Information Systems I, see form A2653 for name change request)

MGMT 504 Managerial Economics (formerly Microeconomics for Managers, see form A2786 for name change request)

MGMT 506 Managing People in Organizations (formerly Organizational Behavior and Diversity, see form A2844 for name change request)

MGMT 508 Business & Society (formerly Ethical, Social, Political and Legal Environment, see form A2842 for name change request)

MGMT 511 Technology Commercialization and the Global Environment

MGMT 520 Operations Design and Decision Making (formerly Operations Management, see form A2899 for name change request)

MGMT 522 Managerial Marketing (formerly Marketing Management, see form A2900 for name change request)

MGMT 526 Financial Decision Making (formerly Financial Management, see form A2785 for name change request)

MGMT 598 The Strategic Management Process (formerly Strategic Management, see form A2843 for name change request)

MGMT 600 MBA Orientation (see form B1373 for new course request)

6 credits of MGMT 500+ level electives

All M.B.A. students must complete these 11 courses. Students who have recently completed a B.B.A. from the Anderson School of Management or at a comparable AACSB-accredited program may request waivers for some core courses, with the exception of MGMT 598, which all students must take as a capstone course. In addition to these 11 courses (31 credit hours), all students must complete an additional 6 credit hours of combined concentration and/or elective courses. All students, including those waiving some core courses, must complete a minimum of 33 graduate credit hours. Of these, 12 credit hours may be transferred from an approved graduate program offered by another university. Approved universities include AACSB accredited business schools, as well as international business schools with which UNM has a current written exchange agreement. Students are expected to maintain a 3.0 GPA and must have a 3.0 GPA at graduation. The M.B.A. program may be completed on a full-time or part-time basis. For many students whose professional commitments preclude full-time study, pursuing an M.B.A. on a part-time basis is a viable option. Late afternoon and evening classes are offered to accommodate the needs of working students.

**Focused M.B.A. (With Concentration, consists of 43 credits)**

February 2010

43 credit hours of core coursework:

MGMT 501 Data Driven Decision Making (formerly Statistical Analysis for Management Decisions, see form A2898 for name change request)

MGMT 502 Financial Accounting & Analysis (formerly Accounting and Management Information Systems I, see form A2653 for name change request)

MGMT 504 Managerial Economics (formerly Microeconomics for Managers, see form A2786 for name change request)

MGMT 506 Managing People in Organizations (formerly Organizational Behavior and Diversity, see form A2844 for name change request)

MGMT 508 Business & Society (formerly Ethical, Social, Political and Legal Environment, see form A2842 for name change request)

MGMT 511 Technology Commercialization and the Global Environment

MGMT 520 Operations Design and Decision Making (formerly Operations Management, see form A2899 for name change request)

MGMT 522 Managerial Marketing (formerly Marketing Management, see form A2900 for name change request)

MGMT 526 Financial Decision Making (formerly Financial Management, see form A2785 for name change request)

MGMT 598 The Strategic Management Process (formerly Strategic Management, see form A2843 for name change request)

MGMT 600 MBA Orientation (see form B1373 for new course request)

6 credits of MGMT 500+ level electives

All M.B.A. students must complete these 11 courses. Students who have recently completed a B.B.A. from the Anderson School of Management or at a comparable AACSB-accredited program may request waivers for some core courses, with the exception of MGMT 598, which all students must take as a capstone course. In addition to these 11 courses (31 credit hours), all students must complete an additional 12 credit hours of discipline specific coursework in their chosen concentration. All students, including those waiving some core courses, must complete a minimum of 33 graduate credit hours. Of these, 12 credit hours may be transferred from an approved graduate program offered by another university. Approved universities include AACSB accredited business schools, as well as international business schools with which UNM has a current written exchange agreement. Students are expected to maintain a 3.0 GPA and must have a 3.0 GPA at graduation. The M.B.A. program may be completed on a full-time or part-time basis. For many students whose professional commitments preclude full-

time study, pursuing an M.B.A. on a part-time basis is a viable option. Late afternoon and evening classes are offered to accommodate the needs of working students.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_\_ No  X

Reason(s) for request:

Anderson faculty have completed a three-year curriculum review which incorporated feedback from a variety of stakeholders including students, employers, our 2010 AACSB (Association to Advance Collegiate Schools of Business) accreditation review, and the faculty evaluation of market trends and needs of students. Based on the curriculum review, it was determined that student's needs could be better met with a clear delineation between the two tracks of a generalist M.B.A. (Accelerated Program) and a concentration M.B.A. (Focused Program). This will allow students to determine at the beginning of their academic career which track best suits their professional and personal goals and allow the school to allocate faculty resources more efficiently to meet these needs.

Statements to address budgetary and Faculty Load Implications and long-range planning:

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## FORM C Degree/Program Change

Anderson School of Management internal approval form

Faculty Contact: Robert DelCampo, Associate Dean

Department: Anderson School of Management

Division:

Branch:

Program: Master of Business Administration

Proposed effective term      Semester: Fall      Year: 2014

### Course Information

Circle Program      Undergraduate \_\_\_\_\_ Graduate  X

Name of new or existing program:

Master of Business Administration

Select Category:      Degree  X       Major \_\_\_\_\_      Minor \_\_\_\_\_      Concentration \_\_\_\_\_      Certificate \_\_\_\_\_

Emphasis \_\_\_\_\_      Department \_\_\_\_\_      Subject code \_\_\_\_\_

Degree type: Graduate

Select Action:      New \_\_\_\_\_      Revision  X       Deletion \_\_\_\_\_      Name Change \_\_\_\_\_

Exact Title and Requirements as they should appear in the catalog:

**Accelerated M.B.A. (Generalist, consists of 37 credits)**

31 credit hours of core coursework:

MGMT 501 Data Driven Decision Making (formerly Statistical Analysis for Management Decisions, see form A2898 for name change request)

February 2010

MGMT 502 Financial Accounting & Analysis (formerly Accounting and Management Information Systems I, see form A2653 for name change request)

MGMT 504 Managerial Economics (formerly Microeconomics for Managers, see form A2786 for name change request)

MGMT 506 Managing People in Organizations (formerly Organizational Behavior and Diversity, see form A2844 for name change request)

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**Focused M.B.A. (With Concentration, consists of 43 credits)**

February 2010

43 credit hours of core coursework:

MGMT 501 Data Driven Decision Making (formerly Statistical Analysis for Management Decisions, see form A2898 for name change request)

MGMT 502 Financial Accounting & Analysis (formerly Accounting and Management Information Systems I, see form A2653 for name change request)

MGMT 504 Managerial Economics (formerly Microeconomics for Managers, see form A2786 for name change request)

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6 credits of MGMT 500+ level electives

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time study, pursuing an M.B.A. on a part-time basis is a viable option. Late afternoon and evening classes are offered to accommodate the needs of working students.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_\_ No  X

Reason(s) for request:

Anderson faculty have completed a three-year curriculum review which incorporated feedback from a variety of stakeholders including students, employers, our 2010 AACSB (Association to Advance Collegiate Schools of Business) accreditation review, and the faculty evaluation of market trends and needs of students. Based on the curriculum review, it was determined that student's needs could be better met with a clear delineation between the two tracks of a generalist M.B.A. (Accelerated Program) and a concentration M.B.A. (Focused Program). This will allow students to determine at the beginning of their academic career which track best suits their professional and personal goals and allow the school to allocate faculty resources more efficiently to meet these needs.

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Anderson School of Management internal approval form

Faculty Contact: Robert DelCampo, Associate Dean

Department: Anderson School of Management

Division:

Branch:

Program: Master of Business Administration

Proposed effective term      Semester: Fall      Year: 2014

### Course Information

Circle Program      Undergraduate \_\_\_\_\_ Graduate  X

Name of new or existing program:

Master of Business Administration

Select Category:      Degree  X       Major \_\_\_\_\_      Minor \_\_\_\_\_      Concentration \_\_\_\_\_      Certificate \_\_\_\_\_

Emphasis \_\_\_\_\_      Department \_\_\_\_\_      Subject code \_\_\_\_\_

Degree type: Graduate

Select Action:      New \_\_\_\_\_      Revision  X       Deletion \_\_\_\_\_      Name Change \_\_\_\_\_

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Does this change affect other departmental program/branch campuses? Yes \_\_\_\_\_ No  X

Reason(s) for request:

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**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1385**

Fields marked with \* are required

**Name of Initiator:** Laurel Lampela    **Email:** [lampela@unm.edu](mailto:lampela@unm.edu)    **Phone Number:** 505 277-5519    **Date:** 04-02-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
Branch    Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Current and Proposed Catalog View.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

[14-15-18--MyApprovaltomoveArtEdProg 12.10.14-1.pdf](#)  
[ARTE ltr signed.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[The rationale for the ARTE Program Move.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

# Art Education

Ruth Luckasson, Chairperson  
Department of Educational Specialties  
Art Education Program–Masley Hall, Room 112  
MSC05 3040  
1 University of New Mexico  
Albuquerque, New Mexico 87131-0001  
(505) 277-6510 FAX (505) 277-6929

## Professors

Laurel Lampela, Ph.D., Ohio State University  
Linney Wix, Ph.D., The University of New Mexico

## Associate Professor

Nancy Pauly, Ph.D., University of Wisconsin at Madison

## Professors Emeriti

Howard McConeghey, Ed.D., Michigan State University  
Peter Smith, Ed.D., Arizona State University  
James Srubek, Ph.D., Pennsylvania State University

The Art Education Program offers course work leading to a B.A. in Art Education for Pre-K–12 New Mexico Art Teaching Licensure, post-baccalaureate teaching certification and an M.A. in Art Education.

# Undergraduate Program

## Student Information Contact

Art Education Program, 112 Masley Hall, (505) 277-4112, [arted@unm.edu](mailto:arted@unm.edu)

## *Teacher Preparation Program*

The following program leads to a Bachelor of Arts in Education with a major in Art Education and teacher preparation in art. Upon completion of this program the graduate is qualified to apply for New Mexico licensure to teach visual arts, grades Pre-K–12.

A student who wishes to be admitted into the teacher preparation program in art is required to meet the screening criteria and procedures of the College of Education and Art Education program. Screening is done concurrently with the program's prerequisite screening course, ARTE 310, and, in some cases, ARTE 320.

Upon admission into the teacher preparation program in art, the student will be assigned a faculty advisor with whom the student must design and contract an official program of studies. The student is required to meet with his or her advisor each semester throughout the program.

# Graduate Program

## Student Information:

Art Education Program, 112 Masley Hall, (505) 277-4112, [arted@unm.edu](mailto:arted@unm.edu)

---

## Application to the M.A. Degree Program

If you are interested in specific information about the Master's program in art education, request an application packet from the following address:

Art Education Program  
Graduate Application  
112 Masley Hall–College of Education  
MSC05 3040

1 University of New Mexico  
Albuquerque, NM 87131-0001

You may also request a meeting with a faculty advisor by calling (505) 277-4112.

### ***Application Requirements and Materials Needed***

Before applying to the Master's program in art education, an applicant must have the following minimum academic prerequisites:

**General Academic Prerequisites.** To apply for the art education Master's degree program an applicant must have:

1. a bachelor's degree from an accredited university, which includes at least 24 semester hours combined of art, art history and/or art education course work with at least a "B" average (3.0 GPA); and
2. a 3.0 overall grade point average in the applicant's last two years of undergraduate work. Applicants must have completed 18 of the required art prerequisites prior to admission. Application to the K-12 ART TEACHING LICENSURE EMPHASIS requires additional prerequisites. Also see the appropriate sections of this University catalog for general prerequisites and application procedures for graduate study at the University of New Mexico.

### ***Application Process***

Graduate Admissions  
University of New Mexico  
P.O. Box 4849  
Albuquerque, NM 87196-4849  
(505) 277-2447  
Art Education Program  
MSC05 3040, 112 Masley Hall  
1 University of New Mexico  
Albuquerque, NM 87130-0001  
(505) 277-4112

### ***New Applications***

1. Send to Office of Admissions (address above)
  - o • Completed and signed Graduate Application form, or [apply online](#), (online application for first-time domestic applicants ONLY).
  - o • Residency form.
  - o • \$50.00 non-refundable application fee.
  - o • One (1) official transcript from each college you have attended (Exception: UNM transcripts).
2. Send to Art Education Program (address above)
  - o • Letter of Intent.
  - o • Letters (3) of Recommendation.
  - o • Resume.
  - o • Ten (10) slides or photographs artwork or CD.

# Art Education

College of Fine Arts  
Art Education Program–Masley Hall, Room 112  
1 University of New Mexico  
Albuquerque, New Mexico 87131-0001  
(505) 277-6510 FAX (505) 277-6929

## **Professors**

Laurel Lampela, Ph.D., Ohio State University  
Linney Wix, Ph.D., The University of New Mexico

## **Associate Professor**

Nancy Pauly, Ph.D., University of Wisconsin at Madison

## **Professors Emeriti**

Howard McConeghey, Ed.D., Michigan State University  
Peter Smith, Ed.D., Arizona State University  
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# Undergraduate Program

## **Student Information Contact**

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## **Teacher Preparation Program**

The following program leads to a Bachelor of Arts in Art Education and teacher preparation in art. Upon completion of this program the graduate is qualified to apply for New Mexico licensure to teach visual arts, grades Pre-K–12.

A student who wishes to be admitted into the teacher preparation program in art is required to meet the screening criteria and procedures of the College of Fine Arts and Art Education program. Screening is done concurrently with the program's prerequisite screening course, ARTE 310, and, in some cases, ARTE 320. Upon admission into the teacher preparation program in art, the student will be assigned a faculty advisor with whom the student must design and contract an official program of studies. The student is required to meet with his or her advisor each semester throughout the program.

# Graduate Program

## **Student Information:**

Art Education Program, 112 Masley Hall, (505) 277-4112, [arted@unm.edu](mailto:arted@unm.edu)

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## **Application to the M.A. Degree Program**

If you are interested in specific information about the Master's program in art education, request an application packet from the following address:

Art Education Program  
Graduate Application  
112 Masley Hall–College of Fine Arts  
1 University of New Mexico  
Albuquerque, NM 87131-0001

You may also request a meeting with a faculty advisor by calling (505) 277-4112.

### ***Application Requirements and Materials Needed***

Before applying to the Master's program in art education, an applicant must have the following minimum academic prerequisites:

**General Academic Prerequisites.** To apply for the art education Master's degree program an applicant must have:

3. a bachelor's degree from an accredited university, which includes at least 24 semester hours combined of art, art history and/or art education course work with at least a "B" average (3.0 GPA); and
4. a 3.0 overall grade point average in the applicant's last two years of undergraduate work. Applicants must have completed 18 of the required art prerequisites prior to admission. Application to the K-12 ART TEACHING LICENSURE EMPHASIS requires additional prerequisites. Also see the appropriate sections of this University catalog for general prerequisites and application procedures for graduate study at the University of New Mexico.

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Graduate Admissions  
University of New Mexico  
P.O. Box 4849  
Albuquerque, NM 87196-4849  
(505) 277-2447  
Art Education Program  
MSC05 3040, 112 Masley Hall  
1 University of New Mexico  
Albuquerque, NM 87130-0001  
(505) 277-4112

### ***New Applications***

3. Send to Office of Admissions (address above)
  - • Completed and signed Graduate Application form, or [apply online](#), (online application for first-time domestic applicants ONLY).
  - • Residency form.
  - • \$50.00 non-refundable application fee.
  - • One (1) official transcript from each college you have attended (Exception: UNM transcripts).
4. Send to Art Education Program (address above)
  - • Letter of Intent.
  - • Letters (3) of Recommendation.
  - • Resume.
  - • Ten (10) slides or photographs artwork or CD.

**14-15: 18**

December 10, 2014

To: COE Undergraduate Committee  
COE Graduate Committee

From: S. Hector Ochoa, Dean



RE: My Approval to move Art Education Program to Art and Art History  
Department

The art education faculty and the Educational Specialties Department faculty have voted in favor of moving the art education program to the Art and Art History Department in the College of Fine Arts. Upon careful review, I believe that this is an appropriate pedagogical decision that will benefit both the students in the art education program as well as the art students in the College of Fine Arts. Thus, I concur with the faculty vote of the Educational Specialties Department faculty. I am recommending and am in favor of moving the art education program to the College of Fine Arts.



UNM

COLLEGE of FINE ARTS

December 12, 2014

*Kymerly Pinder*

To: Hector Ochoa, Dean of the College of Education

From: Kymberly Pinder, Dean of the College of Fine Arts

Re: Move of Arts Education programs

This letter is to confirm that the department of Art and Art History voted to bring the Arts Education programs into their department December 5, 2014. As dean I support this vote and request that the process via the faculty senate and provost to move these programs to the College of Fine Arts proceed.

The rationale for the ARTE Program moving to the College of Fine Arts was first generated by a request of Dean Pinder, Dean of CFA, to Dean Florez in the College of Education. The ARTE Program faculty agree with Dean Pinder and realize that the ARTE Program may have more commonalities with a College of Fine Arts than a College of Education since art education draws heavily from the disciplines of studio production, art history, art criticism and aesthetics as sources of content, knowledge, skills and techniques in our classes. In addition to this shared content, the ARTE program and the College of Fine Arts also share a student body since many of our ARTE students seeking K-12 Visual Art Licensure must complete 45 hours of coursework in the College of Fine Arts, compared with 6 hours of coursework in the College of Education outside of ARTE courses including an EDUC course (*Teaching of Reading in the Content Area*) and an EDPY course (*Principles of Human Development*).

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1386**

Fields marked with \* are required

**Name of Initiator:** Christina Marie Perry    **Email:** [cperry2@unm.edu](mailto:cperry2@unm.edu)    **Phone Number:** 505 277-5151    **Date:** 04-03-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
**Branch**    Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Proposed BS HEDCurric Catalog 102114.docx](#)

[Current Catalog for BS HED 10212014.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

[rev HED formC Rationale 1 14 2015.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Justification HED for Form C.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

*Proposed Catalog copy*

**NOTE:** Application eligibility for the BSED Degree Program in Health Education requires: a) completion of at least 26 hours of University coursework, b) an overall GPA of 2.5, c) admission into the College of Education, and, d) successful completion (B or better) of HED 171 and HED 260.

**Concentration in Community Health Education**

**First Year**

SOC 101	Introduction to Sociology	3
HED 171	Personal Health Management	3
ANTH 130	Cultures of the World	3
CJ 130	Public Speaking	3
ENGL 110	Accelerated Composition	3
ENGL 120	Composition III	3
PSY 105	General Psychology	3
MATH	Select from UNM Curriculum Core	3
BIOL 123/124L	Biology for Health-Related Science and Non-Majors/Lab ( <i>pre-req. CHEM 111</i> )	4
CHEM 111	Elements of General Chemistry ( <i>pre-req. Biol 123</i> )	4
		<b>Total 32</b>

**Second Year**

HED	*Elective from 01 credit hour HED course list	1
HED	*Elective from 01 credit hour HED course list	1
HED 212	Fundamentals of Human Sexuality	3
HED 260	Foundations of Health Promotion	3
BIOL 239L	Microbiology for Health Sciences and Non-Majors ( <i>pre-req. Biol 123/124L</i> )	4
ENGL 219	Technical and Professional Writing	3
NUTR 244	Human Nutrition ( <i>pre-req. Chem 111 or Biol 123/124L</i> )	3
PSY 200	Statistical Principles	3
Fine Arts	Select from UNM Core Curriculum	3
Second Language	Select from UNM Core Curriculum	3
	***Electives from suggested list <u>outside</u> of HED or by approval	3
		<b>Total 30</b>

**Third Year**

HED	*Elective from 01 credit hour HED course list	1
HED	*Elective from 01 credit hour HED course list	1
HED	*Elective from 01 credit hour HED course list	1
HED	**Elective from 03 credit hour HED course list	3
HED 362	Introduction to Health Behavior Theory	3
HED 371	Introduction to Public and Community Health	3
HED 383	Principles of Epidemiology	3
HED 482	Social Determinants and Multi-Cultural Health	3
EDPY 303	Human Growth and Development	3
SOC 380	Research Methods ( <i>pre-req. Soc 101</i> )	3
	***Electives from suggested list <u>outside</u> of HED or by approval	6

Total 30

**Fourth Year**

Humanities	Select from UNM Core Curriculum	6
HED 446	Health Promotion Program Planning	3
HED 451	Prevention Strategies in Community Health	3
HED 495	Field Experience ( <i>must be approved by faculty of record</i> )	6
HED	**Electives from 03 credit hour HED course list	6
	***Elective from suggested list <u>outside</u> of HED	6

Total 30

**TOTAL 122 HOURS**

**I. HED ELECTIVES**

**\*One Credit Hour Course List –**

*Students must complete 5 credit hours from:*

- HED 209 Education for HIV/Aids Prevention
- HED 247 Consumer Health
- HED 306 Conflict Mediation
- HED 310 Injury Prevention
- HED 321 Violence Prevention
- HED 445 Strategies for Prevention of Substance Abuse

**\*\*Three Credit Hour Course List**

*Students must complete 9 credit hours from:*

- HED164L Standard First Aid
- HED 333 Emotional Health and Interpersonal Relationships
- HED 472 Health Issues of Death & Dying
- HED 487 Physical Activity and Aging
- HED 477 Stress Management
- HED 493 Topics courses with permission of advisor

**II. \*\*\*SUGGESTED LIST OF ELECTIVES OUTSIDE OF HED**

*Students choose a total of 15 credit hours from the recommended list or must get approval for other courses.*

*Note prerequisites may apply.*

**Instruction and Technology:**

- OILS 466 Principles of Adult Learning 03cr
- OILS 470 Workplace Training 03cr
- OILS 471 Designing Training 03cr
- OILS 472 Training Techniques 03cr
- MSET 365 Technical Integration for Effective Instruction 03cr

**Social, Political, Environment Factors of Health:**

- POLS 270 Public Policy and Administration-03cr
- PSY 280 Health Psychology-03 cr
- ENVS 330 Enviro Systems -03cr
- CRP 403 Community-based practice-03cr (*pre-req. CRP 330*)
- CRP 425 Urban Design Theory 03cr (*pre-req. CRP 330*)
- CRP 474 Cultural Aspects of Community Dev Planning -03cr
- CRP 483 Intro GIS-03cr (*pre-req. CRP 265*)
- SUST 402 Topics in Sustainability Studies 1-6cr

*Proposed Catalog copy*

**Multicultural:**

ANTH 330 Principles of Cultural Anthropology 03cr  
PSY 374 Cross-Cultural Psychology 03cr  
SOC 216 Dynamics of Prejudice 03cr  
SOC 308 Sociology of Gender 03cr  
SOC 326 Sociology of New Mexico 03cr

**Communication:**

CJ 225 Small Group Communication 03cr  
CJ 314 Intercultural Communication 03cr  
CJ 327 Persuasive Communication 03cr  
CJ 344 Interviewing 03cr  
CJ 450 Health Communication 03cr

*Note: Students are responsible for meeting any pre-requisites for course electives*

## **CURRENT CATALOG-HED CURRICULUM**

**NOTE:** Student's course work must include the University of New Mexico core requirements and at least 40 hours of upper-division (300-level and above) credits.

**\*The School Health Education concentration is not currently accepting new students.**

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### **Concentration in Community Health Education**

#### **First Year**

HED 164L	Standard First Aid	3
HED 171	Personal Health Management	3
ANTH 130	Cultures of the World	3
CJ 130	Public Speaking	3
ENGL 101	Composition I: Exposition	3
ENGL 102	Composition II: Analysis and Argument	3
STAT 145*	Introduction to Statistics	3
PSY 105	General Psychology	3
BIOL 123/124L	Biology for Health-Related Science and Non-Majors/Lab	4
CHEM 111	Elements of General Chem	4
Social and Behavioral Sciences**	Select from UNM Core Curriculum	3

**Total 35**

\* STAT 145 preferred or select from the UNM Core Curriculum

\*\* Excluding any course from the Social and Behavioral Sciences that are listed in the program of studies

#### **Second Year**

HED 209	Education for AIDS Prevention	1
HED 247	Consumer Health	1
HED 260	Foundations of Health Promotion	3
BIOL 237	Human Anatomy and Physiology I for the Health Sciences	3
PSY 200*	Statistical Principles	3
PSY 220*	Developmental Psychology	3
ENGL 219	Technical and Professional Writing	3
NUTR 244	Human Nutrition	3
Fine Arts	Select from UNM Core Curriculum	3
Second Language	Select from UNM Core Curriculum	3
Humanities	Select from UNM Core Curriculum	6

**Total 32**

\*PSY 200 and PSY 220 are required prerequisites for PSY 331

#### **Third Year**

BIOL 239L	Microbiology for the Health Sciences and Non-Majors	4
HED 310	Injury Prevention	1
HED 306	Conflict Mediation	1

## **CURRENT CATALOG-HED CURRICULUM**

HED 321	Violence Prevention	1
HED 333	Emotional Health and Interpersonal Relationships	3
EDPY 303	Human Growth and Development	3
HED 371	Community Health	3
CJ	Upper-Division Elective	3
PSY 331	Psychology of Personality	3
SOC 322	Social Epidemiology	3
	General Education Elective	3
		<b>Total 28</b>
<b>Fourth Year</b>		
HED 451	Secondary Teaching Methods and Curriculum Development for Health Education	2
HED 362	Introduction to Health Behavior Theory	3
HED 446	Health Promotion Program Planning	3
HED 482	Health Education and Multi-Cultural Health Beliefs	3
HED 495	Field Experience	6
HED	Electives	3
OILS 421	Production and Utilization of Instructional Materials	3
OILS 483	Instructional Applications: Computer Technology	3
	General Electives	7
		<b>Total 33</b>

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## **Rationale for and description of the requested modifications to the Community Health Education Concentration (B.S. HED)**

The Health Education program faculty is proposing modifications to the current UNM core requirements and the program core requirements for the Community Health Education concentration (B.S. HED). A description of these proposed changes and their rationale follow.

1. UNM Core Curriculum. The HED faculty voted to approve reducing the total program hours from 128 to 120 and the current *program* requirements for the UNM Core from 69 credit hours to 43 credit hours. Faculty believe that by reducing the number of hours the program requires from the UNM core students will have more flexibility to pursue interdisciplinary coursework, service learning and applied research opportunities through program and general electives at the 200-level and above. The proposed program of studies (POS) will require 43 credit hours from the UNM Core Curriculum (Form C attached).
2. Health Education Professional Core. The total number of credit hours currently required in the professional core POS (excluding UNM core) is 59 hours with 40 hours required from HED coursework and 19 hours required outside the program. The proposed POS would require 53 hours of coursework with 44 hours required from HED coursework and 9 hours from EdPsy 303, Nutrition 244, Soc 280. An additional 24 credit hours of general electives will also be required.

Specifically, the proposed POS includes: a) one new course, HED 383: Principles of Epidemiology, as a required course; b) the offering of student-select-options from a list of 01 credit hour HED course electives and 3 credit hour HED course electives; and c) the requirement of 24 credit hours of electives from a recommended list of related courses outside the HED program.

The new course to be added to the POS, HED 383: Principles of Epidemiology, (Form B/C) is currently being taught as a topics course in the spring 2014 semester by HED faculty member Dr. Lorenda Belone and with an enrollment of 13 students. The program faculty believes this course is essential in meeting a critical competency for the health education specialist. The addition of this course was strongly recommended by members of the APR external review team and has been a major discussion point for future planning among the program faculty since 2010. With the addition of Dr. Lorenda Belone, the program now has the resources to offer this course annually.

The program faculty is also proposing that students complete a greater number of elective hours *within* the program and *outside* the program (Form C). Students will be able to choose five-credit hours of electives from a list of one-credit hour HED courses and 12 credit hours of electives from a list of three-

credit hour HED courses. In addition, 24 credit hours of general electives will be required. This will provide students greater flexibility to select courses of interest and across other related disciplines. Feedback elicited from a post-graduation survey from recent graduates (2010-2013) of the program, indicated that the program was too prescriptive, somewhat outdated and lacked the flexibility for students to pursue related interdisciplinary coursework and research opportunities.

In summary the program faculty is proposing a 120 credit hour program for a B.S. Health Education degree (UNM Core = 43 hours; HED Professional Core=44 hours; General Electives =24 hours).

### **Forms**

- A. Proposed changes in B.S. Health Education POS and associated Forms:
  - 1. Reduction in total credit hours from 128 to 120 hours-Form C
  - 2. Reduction in UNM core requirements to 43 credit hours – Form C
  - 3. Change in total credit hours for the HED professional core POS:
    - a. Addition of HED 383: Principles of Epidemiology (03cr) as a required course – Form B/C
    - b. Change credit hours (2 to 3 credit hours) and title of HED 451: Intervention Strategies in Community Health – Form A/B
    - c. Change credit hour requirements for HED electives and course options-Form C
    - d. Change General elective credit hours and provide suggested course list-Form C

### **Justification, Impact on long-range planning and faculty workload**

The revisions being proposed for the Community Health concentration reflect agreement among the program faculty and the external review panel members of the Academic Program Review conducted in Spring 2012. Some of the recommendations advanced by the external review members included:

- Allow students to select electives from a list of 1-credit and 3-credit topical courses in HED;
- Consider adding core public health courses such as Environmental Health, Epidemiology and Health Administration and NCHEC (National Commission for Health Education Credentialing) focused courses such as Program Evaluation, Community Organization and Mobilization.
- Move forward with credentialing through SABPAC (Society for Public Health Education & the American Association for Health Education's Baccalaureate Approval Committee).
- Consider changing the name of the undergraduate program and applicable courses to Public Health Education or Public and Community Health. It may enhance the program recognition and prestige.

These changes also reflect the knowledge and skills desired for community health education specialists in the 21<sup>st</sup> century. In 2013, the HED faculty conducted a post-graduation survey of recent undergraduate students. Students were very complimentary about the program and their professional experiences but felt strongly about a few things. Students recommended that HED 482: Health Education and Multicultural Health be offered sooner in the program of studies to expose them earlier to the critical social determinants of health. They also requested greater flexibility to choose from a list of HED electives and from a list of related courses outside the program to explore interdisciplinary work. The program faculty voted to approve these elective options because many of these outside related courses will help to meet student interests and professional competencies that cannot be met within the program due to faculty resources. Electives that are outside the program area that are popular with our students and help to fill these professional gaps include: CJ 430 Health Communication; CRP 425 Urban Design Theory; OILS Principles of Adult Learning; CRP Introduction to GIS.

### **Faculty Workload**

Each course listed in the proposed curriculum fits into the regular rotation for faculty workloads. The inclusion of HED 383: Principles of Epidemiology will be part of Dr. Lorenda Belone's regular teaching load. She was carrying a lighter load in 2013-2014 as a new hire. The inclusion of HED 383 will offer her a full load and is a course she agreed to develop when she was hired. She taught this course as a topics course as part of her regular workload during the spring semester, 2014.

The increase in the number of required credit hours of HED electives does not change faculty workloads. The current curriculum was more prescriptive by requiring students to take five specific 1-credit hour courses. In the proposed

program we are allowing them to choose five 1-credit hour courses from a list of six. This change does not alter the scheduling rotation of the 1-credit hour courses or any of the 3-credit hour course electives.

The two courses we are proposing to eliminate as *required* courses (HED 164L: First Aid and HED 333: Emotional Health and Interpersonal Relationships) will continue to be scheduled with no change in the rotation. HED 164L is currently offered each semester with at least 3 lecture sections and associated labs because other programs require this course. HED 333 will be listed as an elective and will retain its usual rotation. HED 333 will be replaced by HED 212 Human Sexuality as a required course but in the second year of the HED program of studies rather than in the third year. The faculty made this change to offer an additional lower level course for incoming sophomores. This course is offered two times a year and the rotation will not change.



## CURRENT CATALOG

### M.A. in Theatre and Dance

Concentrations: Dramatic Writing, Theatre Education and Outreach, Dance History and Criticism.

The Department of Theatre and Dance offers master's level work in theatre and dance for the student preparing for teaching, practice, or further graduate study. In general, the focus of the program is the creation of new works of theatre and dance for stage and classroom, and development of research skills.

#### Required Courses

The purpose of the required courses for the Master of Arts degree is to provide a common conceptual framework for all graduate students in the program. The required courses aim to strengthen critical and practical skills that will support and guide students' direction and concentration in the remainder of the program and beyond.

THEA/DANC 500 Introduction to Graduate Study	3
THEA/DANC 503 Performance Theory	3
THEA/DANC 506 Critical Issues in the Performing Arts	3
THEA/DANC 512 Graduate Seminar (elective)	3

#### Degree Plans

##### Dance concentration in Dance History and Criticism

Required core: DANC 500 and either DANC 503 or 506	6
Dance requirements: 6 hours from DANC 562, 563, 564, 566, or 567	6
DANC 531 Criticism	3
Electives related to concentration	9
Thesis	6
<b>Total</b>	<b>30</b>

##### Theatre concentration in Dramatic Writing or Theatre Education and Outreach

###### Plan I (Thesis):

Required core: THEA 500, 503, 506 and 512	12
Electives related to concentration	12
THEA 599 Master's Thesis (minimum hours)	6
<b>Total</b>	<b>30</b>

###### Plan II (Essay):

Required core: THEA 500, 503, 506 and 512	12
---	----

Electives related to concentration	12
THEA 598 Master's Essay	3
Other electives	6
<b>Total</b>	<b>33</b>

### **Plan I – Master’s Thesis**

This is the traditional M.A. program, and culminates in the writing of a formal Thesis, a work of original research and writing (typically, 60-85 pages) that explores in depth a particular, carefully delimited subject related to the student’s area of study. Plan I is especially recommended for students who intend to eventually pursue a Ph.D. The thesis must be written in the UNM Office of Graduate Studies format.

### **Plan II – Master’s Essay and Creative Project**

Plan II does not require a Thesis, but does require both a substantial Creative Project (usually, this means directing a full-length performance or project in the department, the schools or community, as well as a Master’s Essay. The Master’s Essay is intended to conform to the standards of a major seminar paper or journal article, including careful organization, clarity of argument, original research with full citation, bibliography, typically 30-50 pages in length. The Master’s Essay may address a topic related to the Creative Project, but this is not absolutely necessary. Plan II also includes a written exam, taken during the student’s final semester in the program.

### **Plan II Master’s Exam**

The Master’s Exam is conducted by a faculty committee of three. The supervisor of the student’s Master’s Essay normally serves as chairperson of the committee and the other two members are chosen in consultation with the student. The subject matter of the examination questions is taken from the particular program of studies followed by the student. The subject matter of the Master’s Essay must be included in the examination questions. Usually the exam is written; the committee may elect, however, to conduct some portion of the exam orally. The length of the exam is three hours. Each member of the committee conducting the exam submits at least one question.

## REQUESTED CHANGES

### M.A. in Theatre and Dance

Concentrations: Dramatic Writing, Theatre Education and Outreach, Dance History and Criticism.

The Department of Theatre and Dance offers master's level work in theatre and dance for the student preparing for teaching, practice, or further graduate study. In general, the focus of the program is the creation of new works of theatre and dance for stage and classroom, and development of research skills.

### Required Courses

The purpose of the required courses for the Master of Arts degree is to provide a common conceptual framework for all graduate students in the program. The required courses aim to strengthen critical and practical skills that will support and guide students' direction and concentration in the remainder of the program and beyond.

THEA/DANC 500 Introduction to Graduate Study	3
THEA/DANC 503 Performance Theory	3
THEA/DANC 506 Critical Issues in the Performing Arts	3
THEA/DANC 512 Graduate Seminar (elective)	3 (REMOVE)

### Degree Plans

#### Dance concentration in Dance History and Criticism

Required core: DANC 500 and either DANC 503 or 506	6
Dance requirements: 6 hours from DANC 562, 563, 564, 566, or 567	6
DANC 531 Criticism	3
Electives related to concentration	9
Thesis	6
<b>Total</b>	<b>30</b>

#### Theatre concentration in Dramatic Writing or Theatre Education and Outreach

##### Plan I (Thesis):

Required core: THEA 500, 503, and 506 and 512 (remove-lower hours to 9)	9
Electives related to concentration	15
(increase electives related to concentration hours to 15)	6
THEA 599 Master's Thesis (minimum hours)	6
<b>Total</b>	<b>30</b>

##### Plan II (Essay):

Required core: THEA 500, 503, 506 and 512 (remove and lower core hours to 9)	9
Electives related to concentration	15
THEA 598 Master's Essay	3
Other electives	6
<b>Total</b>	<b>33</b>

### **Plan I – Master’s Thesis**

This is the traditional M.A. program, and culminates in the writing of a formal Thesis, a work of original research and writing (typically, 60-85 pages) that explores in depth a particular, carefully delimited subject related to the student’s area of study. Plan I is especially recommended for students who intend to eventually pursue a Ph.D. The thesis must be written in the UNM Office of Graduate Studies format.

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### **Form C MA Theatre and dance**

The department is realigning its graduate core classes in relation to faculty teaching loads, broader learning goals, and program matriculation.

The graduate faculty and department chair have determined that Thea 512 is not a necessary core requirement as it has been similar in course content (special topics) to Thea 506, and is only utilized by two of the four graduate degree tracks (one of which is on hold awaiting funding). Additionally the faculty believes that our graduate students in the arts need a larger interdisciplinary focus in todays world. 512 will be replaced in the two graduate programs with elective credits.

The budget will not be affected by this change.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1402**

Fields marked with \* are required

**Name of Initiator:** Doris Ellen Williams    **Email:** [dwillia2@unm.edu](mailto:dwillia2@unm.edu)    **Phone Number:** 505 272-7764    **Date:** 07-08-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact  Administrative Contact   
Department  Admin Email   
Branch Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[2014 Form C Class Materials UPDATED FINAL.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

This change does not affect other departmental program/branch campuses. The new concentration will utilize current faculty and courses in the supporting departments of Physics and Electrical Computer Engineering. The Optical Science and Engineering interdisciplinary program has full support of the Physics and Electrical and Computer Engineering departments as well as the School of Engineering and College of Arts and Sciences.

[Peceny Quantum Optics Letter.pdf](#)  
[SOE letter suspporting OO concentration in OSE.pdf](#)  
[OSE\\_ECESppport.pdf](#)  
[OSA-QuOpt-support-letter-P&A.pdf](#)

Upload a document that inlcudes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[OSE PhD Quantum Optics LongRangeGoals-3.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## **Ph.D. in Optical Science and Engineering**

### **Concentration: Quantum Optics (NEW)**

#### **Courses requirements for the Quantum Optics Concentration:**

30 credit hours of core classes consisting of a mixture of mandatory and option-based electives as described below:

##### A. Mandatory courses (18 Credit Hours)

- Laser Physics I - PHYC \*464 / ECE \*464
- Graduate Quantum Mechanics I – PHYC 521
- Graduate Quantum Mechanics II – PHYC 522
- Electrodynamics – PHYC 511 or ECE 561
- Quantum Optics – PHYC 566
- 3 credit hours of seminar, including OSE Graduate Seminar

##### B. Concentration-specific mandatory courses (9 Credit Hours)

Choice of **three** courses from the following list:

- Nonlinear Optics – PHYC 568
- Advanced Optics I - PHYC 463 / ECE 463
- Advanced Optics II - PHYC 554 / ECE 554
- Experimental Techniques of Optics – PHYC 476L or PHYC 477L
- Advanced Topics: Quantum Optics II - PHYC 581
- Quantum Information Theory – PHYC 572
- Quantum Computation – PHYC 571
- Optoelectronic Semiconductor Materials and Devices - ECE 570
- Semiconductor Physics - ECE 572
- Digital Image Processing - ECE 533
- Probability and Stochastic Processes - ECE 541

- Materials and Devices II – ECE \*471

C. Option-based elective (3 Credit Hours):

- 3 credit hours from the list of OSE approved courses as shown below:

Microelectronics Processing Lab (ECE 574L)  
 Nonlinear Optics (PHYC 568)  
 Advanced Optics I (PHYC/ECE 463)  
 Advanced Optics II (PHYC 554 or ECE 554)  
 Condensed Matter I (PHYC 529) or Physics of Semiconductors (ECE 572)  
 Advanced Topics in Modern Optics (PHYC 569) or Special Topics (ECE 595)  
 Laser Physics I (PHYC 464)  
 Experimental Techniques of Optics (PHYC \*476L or \*477L)  
 Pattern Recognition (ECE 517)  
 Probability Theory and Stochastic Processes (ECE 541)  
 Digital Image Processing (ECE 533)  
 ECE 539 - Digital Signal Processing  
 ECE 549 - Information Theory and Coding  
 ECE 500 - Theory of Linear Systems  
 ECE 475 - Introduction to Electro-Optics and Opto-Electronics  
 ECE 516 - Computer Vision  
 ECE 595 –ST: Microwave Photonics  
 ECE 570 – Optoelectronic Semiconductor Materials and Devices  
 ECE 547 - Neural Networks  
 ECE 581 – Colloidal Nanocrystals for Biomedical Applications  
 ECE 510 - Medical Imaging  
 ECE 512 - Advanced Image Synthesis  
 ECE 506 - Optimization Theory  
 ECE 563 – Computational Methods for Electromagnetics  
 ECE 595 – ST: Detectors and Hardware  
 ECE 642 – Detection and Estimation Theory  
 Fundamentals of Semiconductor LEDs and Lasers (ECE 577)  
 Advanced Topics: Quantum Optics II (PHYC 581)  
 Atomic and Molecular Structure (PHYC 531)  
 Methods of Theoretical Physics I (PHYC \*466) or Mathematical Methods  
 for Science and Engineering (MATH \*466)  
 Foundations of Engineering Electromagnetics (ECE 555)  
 Advanced Techniques in Optical Imaging- (BIO 547)  
 Guided Wave Optics (ECE 564)  
 Optical Communication Components and Subsystems (ECE 565)  
 Synthesis of Nanostructures (ECE 518 or NSMS 518)

Nonlinear Dynamics and Chaos (MATH \*\*412)  
Quantum Computation (PHYC 571)  
Quantum Information Theory (PHYC 572)

D. Free elective (22 Credit Hours):

- 22 credit hours of free electives (500-level courses and above, including problems courses)

E. Dissertation hours (18 Credit hours): ECE 699 or PHYC 699

**Optical Science and Engineering Program**

Center for High Technology Materials

1313 Goddard SE

MSC04-2710

1 University of New Mexico

Albuquerque, NM 87131-0001

Phone: 505/272-7764

Email: [optics@unm.edu](mailto:optics@unm.edu)Website: [www.optics.unm.edu](http://www.optics.unm.edu)

**Proposal for a New PhD Concentration in the Optical Science and Engineering PhD  
Degree  
Concentration Title: Quantum Optics**

**Background:**

The purpose here is to expand the scope of OSE's PhD degrees to include a fourth concentration beyond the existing concentrations (Optical Sciences, Photonics, and Imaging). This expansion is expected to increase enrollment, degrees awarded, publications and potentially introduce synergistic activities (e.g., new opportunities for research collaborations) with the Physics and Astronomy Department at UNM in general and with the Center for Quantum Information Science in particular.

In this direction and in the past year and a half there have been numerous discussions, first initiated by Professors Ivan Deutsch, Carl Caves, and Sudhakar Prasad among the OSE faculty to introduce a new track in OSE under the title of Quantum Optics (QO). OSE currently has three tracks: Optical Sciences, Imaging, and Photonics. Since the creation of the Photonics track in 2006, it has been attracting a substantial number of students, and the graduation rates have been healthy and steady within this track. A key factor in the success of the Photonics track in OSE has been the existing strength and vast reputation of UNM in this area, with faculty in CHTM, ECE, Physics and Chemical and Nuclear Engineering supporting the track.

Clearly, UNM has left its mark nationally and internationally in the area of theoretical quantum optics due to its strong overlap with quantum information science. UNM's excellence in this area has led to attracting top-notch graduate students from all over the world, who have been primarily enrolled in the Physics and Astronomy (P&A) department, particularly through the Center for Quantum Information Science. With the recent strategic decision to expand the existing capabilities in quantum optics at UNM to include experimental research, with the hire of Elohim Becerra, we envision a great opportunity for OSE to attract students in a new track that can fit the needs of both theoretically inclined and experimentally inclined students seeking a doctoral degree in quantum optics. A quantum optics track in OSE can be an excellent way to seize such an opportunity.

After many discussions with the quantum-optics faculty in P&A, the OSE Graduate committee examined a proposal regarding introducing a QO track in OSE. Overall, the OSE Graduate Committee felt that this is a very exciting initiative that will benefit OSE, Physics, ECE and CHTM considerably in the future by attracting students to the OSE program while creating new opportunities for collaborations between OSE faculty and the Quantum-Information Group at UNM.

### **Justification for the program:**

- Quantum optics is an area of excellence at UNM that has been attracting students from around the world.
- Graduate degrees offered in this area are primarily in the Physics and Astronomy (P&A) department, with support from the Center for Quantum Information Science.
- Optical Science and Engineering (OSE) Program envisions a great opportunity for attracting additional students in a new PhD track in OSE in the area quantum optics that can fit the needs of both theoretically inclined as well as experimentally inclined students seeking a doctoral degree in quantum optics.
- A quantum optics concentration in OSE can further attract students to the OSE program
- It will create new opportunities for collaborations between the faculty and students in OSE, Electrical & Computer Engineering (ECE), P&A, Chemistry, Chem-Nuc, and the Quantum-Information Group at UNM.
- This proposal for creating a new OSE track in quantum optics has been supported by the Quantum-Information Group, Quantum Optics faculty in P&A, the OSE Graduate Committee, and the OSE General Faculty.

### **Impact on long-range planning:**

In terms of resources, the proposed QO track will tap into the existing courses from P&A for its core, with possible OSE electives that come from other departments such as ECE, Chemistry, Chemical Engineering, Mathematics, etc. As such, no new courses need to be created for the QO track; however, new courses that are expected to arise in experimental quantum optics within P&A can and will be used to further support and enrich the list of elective courses for the new QO track.

Also, the qualifying exam will tap into existing exams, so no new exams will be required to be created. The exam structure for the QO track will remain the same as that for other OSE tracks. Namely, the qualifying exam will consist of:

- (a) Common Exams: (i) General Optics exam, covering general-optics knowledge, and (ii) the Electromagnetics exam. These two exams are common to all OSE tracks.
- (b) Track-specific Exams: (i) Lasers (also required by the Optical Sciences track), and (ii) Quantum Mechanics (with questions shared from the P&A prelims).

The General Optics exam will be expanded upon to accommodate students who may not have taken classes such as Optics Lab and Advanced Optics I. To grade out of the qualifying exam, students in the QO track must have an average GPA of 4.0 in the QO core courses consisting of Phys 464, Phys 521, Phys 522 and Phys 511. This rule is consistent with the existing rule for grading out of the OSE qualifying exam in other OSE tracks.

### **Budget analysis:**

There is no significant impact on the OSE budget as we are using existing faculty, staff and resources within the OSE program. We will monitor the enrollment, and if a 20% or more increase is observed then OSE may expand its budget to support additional staff service in accommodating student needs.

**Faculty workload implications:**

No new courses are to be created for the proposed new quantum-optics OSE concentration. All the courses that are required by the proposed quantum-optics concentration are either existing, routinely-offered courses in P&A and ECE, or they are courses that are required by existing OSE concentrations, which are too routinely offered. Thus, the faculty teaching load is unaffected by the introduction of the new quantum-optics concentration in OSE.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1403**

Fields marked with \* are required

**Name of Initiator:** Ana Parra Lombard    **Email:** [alombard@unm.edu](mailto:alombard@unm.edu)    **Phone Number:** 505 277-5250  
**Date:** 07-16-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact  Administrative Contact   
Department  Admin Email   
Branch  Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Undergraduate Program - catalog changes 7-16-14.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## Undergraduate Program

### College of Arts and Sciences and Department of Mathematics and Statistics Undergraduate Admission Requirements

A minimum of 26 credit hours; 23 credit hours must be in courses acceptable toward graduation.

A cumulative grade point average of at least 2.00 on all work.

- Transfer students must have a 2.0 transfer GPA.
- Continuing UNM students must have a 2.00 institutional GPA.

Demonstrated academic achievement by satisfying the following:

- Completion of the University Writing and Speaking Core.
- Completion of the University Mathematics Core.
- Completion of the University Foreign Language Core.

Completion of Department of Mathematics and Statistics admission coursework with a grade of "C" or better:

- Math 163.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1406**

Fields marked with \* are required

**Name of Initiator:** Heather Canavan    **Email:** [canavan@unm.edu](mailto:canavan@unm.edu)    **Phone Number:** 505 277-8026    **Date:** 07-24-2014

Associated Forms exist? Yes   
Initiator's Title Associate Professor: Chemical Biological Eng  
Faculty Contact Heather Canavan    Administrative Contact Annette Torres  
Department Biomedical Engineering Graduate Program    Admin Email [anntorr@unm.edu](mailto:anntorr@unm.edu)  
Branch    Admin Phone 277-7959

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MS & PhD Biomedical Engineering  
Select Category Emphasis  Degree Type MS and PhD  
Select Action New

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C for BME August 2014.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
See attachment.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

Degree/Program Change  
Form C  
Form Number C1406

Form initiated by Prof. Heather Canavan

**Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.**

See current catalog for format within the respective college (upload a doc/pdf file)

Changes to the Catalog's entry:

**Biomedical Engineering Graduate Program**

Heather E. Canavan, Director  
Centennial Engineering Center 2059  
MSC01 1141  
1 University of New Mexico  
Albuquerque, NM 87131-0001  
(505) 277-8026

**Affiliated Faculty**

Kateryna Artyushkova, Chemical and Biological Engineering  
Plamen Atanassov, Chemical and Biological Engineering  
C. Jeffrey Brinker, Chemical and Biological Engineering  
Vince Calhoun, Electrical and Computer Engineering  
Heather Canavan, Chemical and Biological Engineering  
Thomas Caudell, Electrical and Computer Engineering  
Eva Chi, Chemical and Biological Engineering  
Vittorio Cristini, Pathology  
Elizabeth L. Dirk, Chemical and Biological Engineering  
Jeremy Edwards, Chemistry, and Chemical and Biological Engineering  
James P. Freyer, Chemical and Biological Engineering  
Julia Fulghum, Chemical and Biological Engineering  
Steven W. Graves, Chemical and Biological Engineering  
David Grow, Mechanical Engineering, New Mexico Institute of Mining and Technology  
Sang Han, Chemical and Biological Engineering  
Kerry Howe, Civil Engineering  
Linnea Ista, Chemical and Biological Engineering  
Ravi Jain, Electrical Engineering  
Zayd C. Leseman, Mechanical Engineering, and Electrical and Computer Engineering  
Gabriel P. Lopez, Biomedical Engineering, Duke University  
Chad Melancon, Chemistry  
Diana Mercer, Orthopaedics  
Meeko Oishi, Electrical and Computer Engineering  
Marek Osinski, Electrical and Computer Engineering  
Marios Pattichis, Electrical and Computer Engineering  
Dimitar Petsev, Chemical and Biological Engineering  
Christina Salas, Orthopaedics  
Andrew Schuler, Civil Engineering  
Andrew Shreve, Chemical and Biological Engineering  
Scott S. Sibbett, Chemical and Biological Engineering  
Darko Stefanovic, Computer Science  
Mahmoud Reda Taha, Civil Engineering  
Michaelann Tartis, Chemical Engineering, New Mexico Institute of Mining and Technology  
Margaret Werner-Washburne, Biology  
David Whitten, Chemical and Biological Engineering  
John E. Wood, Mechanical Engineering  
Steve A. Young, Pathology

**Biomedical Engineering Concentration for the Ph.D. in Engineering**

## M.S. and Ph.D. Admission Requirements

Prospective candidates can apply directly for admission to the Ph.D. program. The Admissions Committee will make admission decisions on a case-by-case basis.

### Degree Completion Requirements

The general requirements for this degree are identical to those specified in the Graduate Program section of this catalog. (Please see the [Graduate Program](#) section for detailed requirements and procedures common to all UNM graduate programs.) In addition to the general requirement specified in the Graduate Program, graduates must complete the core and elective BME curriculum specified below. BME 567 (Biomedical Engineering Seminar) should be taken every semester.

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### Degrees Offered

M.S. in Biomedical Engineering

Ph.D. in Engineering with a Concentration in Biomedical Engineering

### Ph.D. and M.S. in Biomedical Engineering

The M.S. and Ph.D. programs in Biomedical Engineering prepare students for careers in solving engineering problems in health care, biomedical research, and biotechnology. Areas of current faculty research include biomaterials, nanobiotechnology, bioanalytical microsystems, patient-care devices, tissue engineering, flow cytometry, disease processes, clinical translation, and molecular and cellular systems. Instruction includes 5 core courses, a seminar and numerous electives taught by Affiliated Faculty and others within the School of Engineering, School of Medicine, College of Arts and Sciences, and College of Pharmacy.

### Ph.D. and M.S. Admission Requirements

Prospective candidates may apply directly for admission to the Ph.D. program. Successful applicants to the program usually have a bachelor's degree in the physical sciences or engineering. The Admissions Committee makes admissions decisions on a case-by-case basis, with special consideration of scholastic proficiency in one or more of the following subject areas:

- Molecular and Cellular Biology
- Chemistry and Organic Chemistry
- Calculus and Ordinary Differential Equations
- Thermodynamics
- Physics
- Biochemistry or Biomolecular Engineering

Students who have not passed courses in one or more of these subject areas may be admitted to the program, but required to take undergraduate courses to address deficiencies in their background. General admission requirements described in the Graduate Program in the Catalog also apply.

### Ph.D. and M.S. Application Process

Details of applying to the Ph.D. and M.S. programs are found on-line at <http://bme.unm.edu>. Applications to the degree program are submitted electronically at [www.unm.edu/apply](http://www.unm.edu/apply).

### Ph.D. Degree Completion Requirements

The general requirements for the Ph.D. degree include those specified in the Graduate Program section of this catalog. In addition to these general requirements, students must also complete the BME core, Emphasis Area core, and elective BME curricula described below. BME 567 (Biomedical Engineering Seminar) must be taken every semester, up to a maximum of 8 credit hours total. Students must pass the Qualifying Examination before applying for Candidacy or proceeding to the Comprehensive Exam. Upon successfully passing the Doctoral Comprehensive Exam and successful review of their application by program faculty and the Dean of Graduate Studies, students are admitted to Candidacy for the doctoral degree. For successful completion of the program requirements, all candidates must pass a Final Examination (Defense of Dissertation).

### M.S. Degree Completion Requirements

#### Completion requirements of a thesis-based M.S. degree (Plan I)

The minimum requirements for the thesis-based M.S. include 6 hours of thesis credit (BME 599) and 24 hours of course work that must include 18 hours of mandatory courses, as approved by the Committee on Studies, and at least 3 hours from the electives such as those listed below. Plan I automatically meets the

requirement of at least 12 hours of course work at the 500 level or higher, exclusive of thesis credit, as stipulated by the UNM Catalog for this plan.

**Completion requirements of a course-based M.S. degree (Plan II)**

The minimum requirements of the Plan II Course-Based M.S. degree program include 32 hours of course work for credit, with at least 24 hours drawn from the list of BME required and elective courses and 3 hours of research seminar/problems course. At most, 6 hours of \*400 level School of Engineering courses are allowed. Also, at least 12 hours of course work should be at a 500 level or higher, as stipulated by the Catalog for this Plan.

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**Curriculum for Students Pursuing the BME Concentration for the Ph.D. in Engineering**

For all students pursuing degrees in BME, the following BME core courses are offered once per academic year:

BME 547	Biomedical Engineering Research Practices
BME 558	Methods of Analysis in Bioengineering
BME 567	Biomedical Engineering Seminar

For students pursuing degrees in the emphasis area of Molecular and Cellular Systems, the following Emphasis Area Core courses are offered every other year:

BME 517	Applied Biology for Biomedical Engineers
BME 544	Mechanics and Thermodynamics of Molecular Components in Cells
BME 556	Protein and Nucleic Acid Engineering

For students pursuing degrees in the emphasis area of Biomaterials, Biomechanics and Tissue Engineering, the following Emphasis Area Core courses are offered every other year:

BME 572	Biomaterials Engineering
BME 579	Tissue Engineering
BME 598	Biomechanics

Equivalent graduate-level courses taken at other institutions may be used to satisfy one or more of the above core requirements, as approved by the student's Graduate Advisor or Curriculum Committee.

**Elective Courses**

For completion of the Ph.D. degree, the student must complete a minimum of 18 credit hours of elective courses from the list below. At least 9 of these must be from courses offered in the School of Engineering. Ph.D. candidates may substitute electives other than those listed below, as approved by the student's Graduate Advisor or Curriculum Committee.

M.S. degree candidates must complete a minimum of 6 credit hours of elective courses from the lists below. M.S. candidates may substitute electives other than those listed below, as approved by the student's Graduate Advisor or Curriculum Committee.

Biomedical Engineering Electives	
BME 517	Applied Biology for Biomedical Engineers
BME 544	Mechanics and Thermodynamics of Molecular Components in Cells

**Comment [HC1]:** Note, we have also submitted a Form B to add a course # for this course (it's currently a Special Topics course). (Form #B0)

BME 556	Protein and Nucleic Acid Engineering
BME 570	Physical Bioanalytical Methods
BME 572	Biomaterials Engineering
BME 579	Tissue Engineering
BME 598	Biomechanics
BME 598	Special Topics

Comment [HC2]: See previous comment.

Engineering Electives	
BIOL **351	General Microbiology
BIOL 547	Advanced Techniques in Light Microscopy
BIOM 507/BIOL 581	Advanced Molecular Biology
BIOM 508/BIOL 582	Advanced Cell Biology
BIOM 509	Principles of Neurobiology
BIOM 510	Physiology
BIOM 514	Immunobiology
BIOM 515	Cancer Biology
BIOM 516	Molecular Genetics and Genomics
CHNE/NSMS 522L	Fundamentals of Nanofluidics
CHNE/NSMS 530	Surface and Interfacial Phenomena
CHNE/NSMS 538/438	Biosensors Fundamentals and Applications
CHNE 504	Nanomaterials
CHNE 521	Advanced Transport Phenomena I
CS 529	Introduction to Machine Learning
CS 530	Geometric and Probabilistic Methods in CS
CS 561	Algorithms and Data Structures
CS 590	Topics: Complex Adaptive Systems
ECE 500	Theory of Linear Systems
ECE 510	Medical Imaging
ECE 533	Digital Image Processing
ECE 537	Foundations of Computing
ECE 539	Digital Signal Processing I
ME 501	Advanced Mechanics of Materials
ME 504	Computational Mechanics
ME 512	Introduction to Continuum Mechanics

ME 530	Theoretical Fluid Mechanics I
ME 571	Advanced Materials Science

**Impact on Other Departmental Programs.** The impact on other department programs will be positive. There are three faculty members (Profs. Shreve, Chi, and Ista) currently teaching courses that are currently considered to be BME Core courses (Mechanics and Thermodynamics of Molecular Components in Cells, Protein and Nucleic Acid Engineering, and Applied Biology for Biomedical Engineers), that will no longer be considered core courses with the inclusion of this second emphasis area. As the courses will henceforth be considered electives, they will be offered every other year (instead of every year). This will reduce the teaching load experienced by these faculty, and allow them to teach courses in their home departments if need be.

The majority of the courses in the additional emphasis area are already offered as electives in the BME program (and in the home departments of the instructors). Therefore, no additional teaching load will be experienced with their inclusion.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.\*

**Justification for the Change to the Program.** The BME Graduate Program is an interdisciplinary degree program, housed within the School of Engineering rather than a single department. From its inception, the degree program was intended to have multiple emphasis areas that tailored the educational needs of students within the program, as well as the faculty participating in it. The first emphasis area (Molecular and Cellular Systems) introduced reflected the faculty originally participating in the graduate program, including their research areas and funding.

In the subsequent four years, a number of new faculty have begun participating in the BME Graduate Program through the advising of students, participation on committees, and addition of new courses in BME. These faculty have research and educational interests that are complementary to our existing courses and core. The addition of new emphasis areas will reflect the inclusion of these faculty into the BME graduate program, and will enhance our collaborations across the Schools of Engineering and Medicine, as well as the College of Arts & Sciences.

This proposed new emphasis area (in “Biomaterials, Biomechanics and Tissue Engineering”) reflects the interests in faculty from the Departments of Chemical and Biological Engineering (Profs. Canavan and Dirk), Civil Engineering (Prof. Reda Taha), Mechanical Engineering (Prof. Wood), and Orthopaedics (Prof. Salas). It is important to note that the new emphasis area includes courses that are already available as BME electives (e.g., BME 572: Biomaterials, BME 572: Tissue Engineering; BME 598: Biomechanics will be offered in 2014 for the first time).

The proposed emphasis area was voted on and unanimously approved by the participating BME faculty in April 2014. It was presented by Associate Dean Fleddermann at the SOE Academic Council in April 2014 and then at the School of Engineering faculty meeting in May 2014, where it was also unanimously approved.

**Impact on Long-range Planning.** Inclusion of Profs. Salas, Reda Taha and Wood as instructors of core courses—rather than instructors of electives—will demonstrate the BME Graduate Program’s commitment to interdisciplinary education and research. It will position our program to recruit blue chip students to the program, enhancing our program’s reputation within the University and State. Furthermore, the increasingly vibrant educational and research environment will help the School of Engineering to recruit new faculty members to our six departments.

**Detailed budget analysis.** The BME Graduate Program does not have a budget associated with it. All of the graduate program’s courses are cross-listed with the home department of the instructor, and are therefore counted toward the faculty member’s teaching in his or her home department (e.g., Prof. Canavan’s home department of Chemical and Biological Engineering counts her courses in Biomaterials and Research Practices as courses in Chemical and Biological Engineering, as well). Therefore, the proposed change will not impact the budget of our program in any way.

**Faculty workload implications.** The addition of this emphasis area will actually improve faculty workload. The inclusion of a second emphasis area means that we have decreased the number of core BME courses from five to three. These remaining three courses will be taught each year as core courses. The emphasis area electives will be offered on off-set years (every other year). Therefore, although all students will be able to take their core courses in 18 months, two courses will be taught every other year, rather than every year (reduction of 2 x 0.5 course teaching load per year).

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1424**

Fields marked with \* are required

**Name of Initiator:** Ann Gibson    **Email:** [alg@unm.edu](mailto:alg@unm.edu)    **Phone Number:** 505 277-8173    **Date:** 09-10-2014

Associated Forms exist? Yes  Initiator's Title Associate Professor: Health Exercise & Sports Scie  
Faculty Contact Ann Gibson    Administrative Contact Todd Seidler  
Department HESS    Admin Email tseidler@unm.edu  
**Branch**    Admin Phone 277-8173

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Undergraduate Degree Program   
Name of New or Existing Program BS Exercise Science  
Select Category Major  Degree Type BS  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.  
See current catalog for format within the respective college (upload a doc/pdf file)

[NewESProgramFormC.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

Our data indicate that most exercise science students are now seeking several different clinical graduate programs. The revised curriculum provides a better pre-professional (physical therapy, occupational therapy, pre-medicine, etc.) course preparation for students seeking clinical graduate programs. The following revisions in the Exercise Science undergraduate curriculum are proposed to start Fall 2015. [REGISTRAR'S NOTE TO VAL: NOTE CHANGES TO ADMISSION REQUIRMENT AT THE BOTTOM OF THE CURRICULUM ATTACHMENT.]

[SummaryNewChangesESUf.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Exercise ScienceJustification.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## Proposed New Changes to Exercise Science Program

First Year	CURRENT PROGRAM	HRS	First Year	NEW PROPOSED PLAN	HRS
ENGL 101	Comp I: Exposition	3hrs	ENGL 110	Accelerated Composition	3
ENGL 102	Comp II: Analysis & Argument	3hrs	ENGL 120	Composition III	3
PSY 105	General Psychology	3hrs	BIOL 123/124L	Biology	4
MATH 121	College Algebra	3hrs	<b>CHEM 121/123L</b>	<b>General Chemistry I</b>	4
NUTR 244	Human Nutrition	3hrs	MATH 121	College Algebra	3
BIOL 123/124L	Biology for Health Related Sci	4hrs	PSY 105	Gen Psychology	3
CHEM 111L	Elements of General Chemistry/L	4hrs	NUTR 244	Human Nutrition	3
CHEM 212L	Int Organic Chem & Biochem/L	4hrs	<b>CHEM 122/124L</b>	<b>General Chemistry II</b>	4
PENP 114	Weight Train & Physical Cond	1hr	PEP 273 (Fall/Spr)	Intro Athletic Training	3
PEP 273	Intro Athletic Training	3hrs	PEP 288 (Fall/Spr)	Motor Learning & Perf.	3
PEP 288	Motor Learning & Performance	3hrs	Total		33
	<b>Total</b>	<b>34HR</b>			
<b>Second Year</b>			<b>Second Year</b>		
CJ 130L	Public Speaking	3hrs	CJ 130L	Public Speaking	3
STAT 145	Intro to Statistics	3hrs	STAT 145	Intro to Statistics	3
HED 164L	Standard First Aid/Lab	3hrs	CHEM 212L	Int Org Chem & Bioche/L	4
BIOL 237-247L	Human Anatomy & Phys I/Lab	4hrs	BIOL 237-247L	Hum. Anat. & Phys. I/Lab	4
BIOL 238-248L	Human Anatomy & Phys II/Lab	4hrs	UNM Core	Social and Behavior Sci	3
ENGL 219	Technical & Professional Writing	3hrs	BIOL 238-248L	Hum Anat. & Phys. II/Lab	4
UNM Core	Social & Behavioral Science	3hrs	PEP 277 (Fall/Spr)	Kinesiology	3
PENP 162	Jogging Fitness	1hrs	PEP 289 (Fall/Spr)	Tests and Measurements	3
PEP 277	Kinesiology	3hrs	PEP 326L (Fall/Spr/Sum)	Fund. of Exercise Physiology	3
PEP 289	Tests & Measurements	3hrs	Total		30
PEP 326L	Fundamentals of Exer Physiology	3hrs			
	<b>Total</b>	<b>33HR</b>			
<b>Third Year</b>			<b>Third Year</b>		
PHYC 102	Introduction to Physics	3hrs	PHYC 102	Introduction to Physics	3
-or-			-or-		
PHYC 151	General Physics	3hrs	PHYC 151	General Physics	3
NUTR 344	Energy Nutrients in Human Nut	3hrs	NUTR 344 (Fall)	Energy Nutr. in Hum. Nutr	3
NUTR 345	Vitamins & Min in Human Nut	3hrs	PENP 102	Intermediate Swimming	1
PENP 165	Yoga	2hrs	<b>PEP 470 (Fall/Spr)</b>	<b>Designs for Fitness/L</b>	<b>4</b>
PEP 305	Teaching Group Exercise	3hrs	PEP 475 (Fall)	EKG Interpretation	3
PEP 469	Mgmt Concepts Sport & Fit	3hrs	PEP 476 (Spring)	Exerc. Testing / Interp.	3
PEP 470	Designs for Fitness	3hrs	UNM Core	Secondary Language	3
PEP 475	EKG Interpretation	3hrs	NUTR 345 Spr	Vitam./Min in Hum. Nutr.	3
PEP 476	Exer Testing & Interpretation	3hrs	UNM Core	Humanities	3
PEP 495	Practicum	3hrs	<b>PEP 305 (Spring)</b>	<b>Teaching Exercise</b>	3
UNM Core	Humanities	3hrs	Total		29
PENP 102	Intermediate Swimming	1hr			
	<b>Total</b>	<b>33HR</b>			
<b>Fourth Year</b>			<b>Fourth Year</b>		
PEP 391	Problems	1hr	ELECTIVE	≥300 Level Elective	3
PEP 426	Intermediate Exercise Physiol	3hrs	PEP 469 Fall	Manag. Con. Sport & Fit.	3
PEP 471	Exer & Disease Prevention	3hrs	UNM Core	Humanities	3
PEP 478	Sports Physiology	3hrs	PEP 495 (Fall/Sp/Sum)	Practicum	3
PEP 495	Practicum	3hrs	UNM Core	Fine Arts	3
Elective	Advisor Approval Required	3hrs	PEP 478 (Spring)	Sports Physiology	3
Elective	Advisor Approval Required	3hrs	PEP 471 (Spring)	Exercise and Disease Prev	3
UNM Core	Humanities	3hrs	ELECTIVE	≥300 Level Elective	3
UNM Core	Fine Arts	3hrs	PEP 495 (Fall/Sp/Sum)	Practicum	3
UNM Core	Second Language	3hrs	PEP 391 (Fall/Spr)	Prob Exer. Science Sem	1
	<b>Total Program=128hrs</b>	<b>28HR</b>		<b>Total Program=120 hrs</b>	<b>28</b>

The Exercise Science program requires a 3.0 GPA for admission into the undergraduate program.

The Exercise Science program requires a 3.2 GPA, completion of BIOL 237/247L, and current certifications in First Aid, CPR and AED for admission into the undergraduate program.

## **Exercise Science: Form C Changes and Explanation of Revisions to the Exercise Science Undergraduate Curriculum**

Our data indicate that most exercise science students are now seeking several different clinical graduate programs. The revised curriculum provides a better pre-professional (physical therapy, occupational therapy, pre-medicine, etc.) course preparation for students seeking clinical graduate programs. The following revisions in the Exercise Science undergraduate curriculum are proposed to start Fall 2015.

PEP426 had been removed from the curriculum. With PEP326L Fundamentals of Exercise Physiology and PEP478 Sports Physiology, the need for PEP 426 has diminished.

We have removed Chemistry111L (4 units); Replace with Chem 121/Chem123L {4 units} and **ADDED** Chem 122/Chem124L {4 units}

Throughout the U.S., clinical Physical Therapy programs have this chemistry requirement. To better facilitate our students being accepted into these programs this revision is being made.

PEP470 Designs for Fitness: Change from 3 units to 4 units

This course has a significant ‘hands on’ laboratory component. This also allows us to break up rather a large exercise science class sizes into smaller laboratory groups.

New Prereq for PEP471 Exercise and Disease Prevention

Currently: Prerequisite: PEP326L

Change to: Prerequisite: PEP326L and PEP277

Restriction: Admitted to B.S. Exercise Science Program

New Prereq for PEP478 Sports Physiology

Currently: Prerequisite: PEP277 and PEP326L and PEP426 and PEP470

Change to: Prerequisite: PEP277 and PEP326L and PEP470 (may be taken concurrently with PEP478)

PEP305 Teaching Group Exercise Name Change to Teaching Exercise

The content of this course has evolved to provide educational leadership and skills for working in group exercise and personal training settings. This name change reflects the content.

(Syllabus provided)

Restriction: Admitted to B.S. Exercise Science

PEP469

PEP471

PEP478

PEP476

PEP475

Basic Instruction classes removed from Curriculum

PENP162 Jogging Fitness

PENP165 Yoga

PENP114 Weight Training and Physical Conditioning

Content from all of these courses is provided in PEP305 Teaching Exercise

HED164L Standard First Aid has been removed from the curriculum. Students will now independently get their First Aid, CPR and AED certifications.

The new admittance criteria: The Exercise Science program requires a 3.2 GPA, completion of BIOL 237/247L, and current certifications in First Aid, CPR and AED for admission into the undergraduate program.

The total hours for the revised Exercise Science curriculum is 120hrs.

Thank you.

## **Exercise Science: Form C Changes with Justification and Explanation of Revisions to the Exercise Science Undergraduate Curriculum**

Our data indicate that most exercise science students are now seeking several different clinical graduate programs. The revised curriculum provides a better pre-professional (physical therapy, occupational therapy, pre-medicine, etc.) course preparation for students seeking clinical graduate programs. The following revisions in the Exercise Science undergraduate curriculum are proposed to start Fall 2015.

### ***Effect of Program Changes on Teaching Load, Budget and 5-Year Long Range Plan***

These new changes in our Exercise Science program do not affect our current faculty teaching loads nor do they have any budgetary impact on our Department of Health, Exercise and Sports Sciences. As well, these new changes coordinate congruently with our 5-year long range planning goals in Exercise Science.

### ***Synthesis of Changes for Exercise Science Program***

PEP426 had been removed from the curriculum. With PEP326L Fundamentals of Exercise Physiology and PEP478 Sports Physiology, the need for PEP 426 has diminished.

We have removed Chemistry111L (4 units); Replace with Chem 121/Chem123L {4 units} and **ADDED** Chem 122/Chem124L {4 units}

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Currently: Prerequisite: PEP326L

Change to: Prerequisite: PEP326L and PEP277

Restriction: Admitted to B.S. Exercise Science Program

New Prereq for PEP478 Sports Physiology

Currently: Prerequisite: PEP277 and PEP326L and PEP426 and PEP470

Change to: Prerequisite: PEP277 and PEP326L and PEP470 (may be taken concurrently with PEP478)

PEP305 Teaching Group Exercise Name Change to Teaching Exercise

The content of this course has evolved to provide educational leadership and skills for working in group exercise and personal training settings. This name change reflects the content.

Restriction: Admitted to B.S. Exercise Science

PEP469

PEP471

PEP478

PEP476

PEP475

Basic Instruction classes removed from Curriculum

PENP162 Jogging Fitness

PENP165 Yoga

PENP114 Weight Training and Physical Conditioning

Content from all of these courses is provided in PEP305 Teaching Exercise

HED164L Standard First Aid has been removed from the curriculum. Students will now independently get their First Aid, CPR and AED certifications.

The new admittance criteria: The Exercise Science program requires a 3.2 GPA, completion of BIOL 237/247L, and current certifications in First Aid, CPR and AED for admission into the undergraduate program.

**The total hours for the revised Exercise Science curriculum is 120hrs.**

**Thank you.**

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1425**

Fields marked with \* are required

**Name of Initiator:** Anne Marie Carpenter    **Email:** [anacke@unm.edu](mailto:anacke@unm.edu)    **Phone Number:** 505 277-0786    **Date:** 09-11-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
**Branch**    Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C Museum Studies Undergraduate Minor Catalog Description.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

A minor in Museum Studies provides students with a truly interdisciplinary course of study to acquire academic knowledge and practical training within the museum fields. While UNM currently offers an Undergraduate Certificate in Museum Studies, which is popular with students considering professional careers with museums and cultural organizations, the certificate coursework is often taken in addition to credits needed for the student to graduate. The Undergraduate Minor in Museum Studies will allow students to enroll in a degree path which will both compliment their current program of study and provide for-credit training and internship opportunities in fields related to their major without extending the number of credits or time needed toward graduation. In addition to fulfilling student requests for the Minor, academic units also have indicated their strong interest in a Museum Studies Minor to expand the applied learning opportunities for their students. Interdisciplinary Programs, such as the Bachelors of Liberal Arts Degree, and departmental programs such as Anthropology have noted that the Minor in Museum Studies will provide students enrolled in their major with skills and theoretical training that will enhance their studies and their employment opportunities upon graduation.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C Museum Studies Undergraduate Minor Justification.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1425**

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**Exact Title and Requirements as they should appear in the catalog.**

The Undergraduate Minor in Museum Studies provides UNM students with an academic foundation and practical training in the fundamentals of museology. The minor is designed to complement majors in the fields of anthropology, biology and environmental sciences, history, art and art history, and education. It is a good fit for any student interested in the role museums play in society or a potential museum career. The program emphasizes mentoring and applied learning through a combination of academic instruction, supervised internships, and participation in professional work settings. Additional emphasis is placed on collection care, management, and preservation.

The Minor consists of a minimum of 18 credit hours in Museum Studies (MSST), including 12 upper division (400 level) undergraduate credit hours of required coursework and 6 upper division credit hours of the students' choosing within the Museum Studies program.

### Minor Study Requirements

The Museum Studies minor consists of 18 credit hours as follows:

Museum Practices (MSST 407)	3
Museum Interpretation (MSST 475)	3
Museum Collection Management (MSST 476)	3
Practicum: Museum Methods (MSST 486) Δ	3
Upper Division Museum Studies Courses**	6
<i>Minimum credit hours required:</i>	18

\*\*Courses taken within a related discipline may be used upon petition to the Director.

**Note:** Only courses in which a student has received a C grade or better (not C-) will be accepted toward the major or minor. Courses required for a major may not be used to fulfill minor requirement.

## **Reason(s) for Request**

A minor in Museum Studies provides students with a truly interdisciplinary course of study to acquire academic knowledge and practical training within the museum fields. While UNM currently offers an Undergraduate Certificate in Museum Studies, which is popular with students considering professional careers with museums and cultural organizations, the certificate coursework is often taken in addition to credits needed for the student to graduate.

The Undergraduate Minor in Museum Studies will allow students to enroll in a degree path which will both compliment their current program of study and provide for-credit training and internship opportunities in fields related to their major without extending the number of credits or time needed toward graduation.

In addition to fulfilling student requests for the Minor, academic units also have indicated their strong interest in a Museum Studies Minor to expand the applied learning opportunities for their students. Interdisciplinary Programs, such as the Bachelors of Liberal Arts Degree, and departmental programs such as Anthropology have noted that the Minor in Museum Studies will provide students enrolled in their major with skills and theoretical training that will enhance their studies and their employment opportunities upon graduation.

## **Justification for the Museum Studies Minor**

The state of New Mexico ranks tenth in the United States in the number of museums per capita, and each year the number of museums and cultural organizations grows while existing organizations expand to meet increasing demand. As the state's flagship university, UNM lacks an educational path to the museum profession, which supports public interest in cultural heritage, informal and life-long learning, and public interpretation of the arts, history, science, and the environment. There is a pressing need for trained museum professionals, and the path to a successful career begins with a high-quality undergraduate education.

The Undergraduate Minor in Museum Studies will provide UNM undergraduate students with academic and practical training in the fundamentals of museology. The program emphasizes mentoring and applied learning through a combination of academic instruction, supervised internships, and participation in professional work settings. Emphasis is placed on collection care, management, and preservation.

Students who complete the Minor in Museum Studies will acquire skills and experiences that prepare them for early-career employment opportunities at museums and related facilities. The Minor provides training opportunities for individuals from underrepresented groups, including Native American tribal members, seeking careers in emerging community museums and cultural institutions. Additionally, we anticipate that the minor will inspire some students to continue their education and training at the graduate level here at UNM.

## **Impact on long-range planning**

Because all of the courses in the proposed Museum Studies Minor are currently offered on a regular basis in the Museum Studies curriculum, as part of the Undergraduate Museum Studies Certificate, there will be no significant impact on long-range planning.

## **Budget Analysis and Faculty Workload Implications**

Implementing the Museum Studies Minor should not result in any significant budgetary impact or increase to faculty workloads, as all of the courses required for the Minor are already being taught.

The required undergraduate courses for the Museum Studies Minor [MSST 407 Museum Practices (3), MSST 475 Museum Interpretation (3), MSST 476 Museum Collection Management (3), MSST 486 Practicum: Museum Methods (3)] are taught annually on a rotating basis as part of the Undergraduate Certificate in Museum Studies. Additional required credits (6) may be selected from currently available course offerings, including additional Practicum credits, the MSST 429 Museum Topics (1-6), and MSST 485 Seminar in Museum Methods.

While the Minor will increase the number of students enrolled in these courses, it is not anticipated that the increase will necessitate adding new sections.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1428**

Fields marked with \* are required

**Name of Initiator:** Deirdre F Markham    **Email:** [dmarkham@unm.edu](mailto:dmarkham@unm.edu)    **Phone Number:** 277-4161    **Date:** 09-15-2014

Associated Forms exist? Yes  Initiator's Title Program Specialist  
Faculty Contact Robert DelCampo    Administrative Contact Deirdre Markham  
Department Anderson School of Management    Admin Email dmarkham@unm.edu  
Branch    Admin Phone 277-4161

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MBA Accounting Concentration  
Select Category Concentration  Degree Type M.B.A.  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C - Accounting Concentration.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

In Form C1380, Anderson is requesting a revising of the credit hours required to receive an M.B.A. This requests adjusts the Accounting concentration catalog description to align with the new credit hour program requirements.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C - Accounting Concentration.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**FORM C Degree/Program Change**

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator’s Rank/Title: Program Specialist

Associated Forms Exist: Yes No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean’s Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

**Course Information**

Circle Program: UG GR

Name of new or existing program: Accounting Concentration

Select Category:	Degree	Major	Minor	Concentration
	Certificate	Emphasis	Department	Subject code
	UG Core Course			

Degree type: M.B.A.

Select Action: New Revision Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

Form C – Accounting – 12 credit hours

Accounting Concentration Web site - <http://masters.mgt.unm.edu/curriculum/accounting.asp>

**Requirements:** Students pursuing the MBA with a concentration in Accounting are required to have a bachelor’s degree with an accounting concentration from an AACB accredited school. MGMT 546, Financial Accounting III, is a required course, unless the Accounting Concentration Advisor approves a substitute accounting course.

To satisfy requirements for the concentration, students must take at least 12 hours (4 courses) of approved accounting graduate coursework. In addition to MGMT 546, the remaining three (3) courses must be selected from the following: 524, 547, 548, 553, 559, 590, 592, 593, 594

(accounting special topics only), 640, and 643. Students who are planning on taking the CPA exam are strongly recommended to visit with a faculty advisor before selecting courses from the list of electives.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_\_ No  X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Accounting concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

**FORM C Degree/Program Change**

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator’s Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean’s Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

**Course Information**

Circle Program: UG **GR**

Name of new or existing program: Accounting Concentration

Select Category:	Degree	Major	Minor	<b>Concentration</b>
	Certificate	Emphasis	Department	Subject code
	UG Core Course			

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

Form C – Accounting – 12 credit hours

Accounting Concentration Web site - <http://masters.mgt.unm.edu/curriculum/accounting.asp>

**Requirements:** Students pursuing the MBA with a concentration in Accounting are required to have a bachelor’s degree with an accounting concentration from an AACB accredited school. MGMT 546, Financial Accounting III, is a required course, unless the Accounting Concentration Advisor approves a substitute accounting course.

To satisfy requirements for the concentration, students must take at least 12 hours (4 courses) of approved accounting graduate coursework. In addition to MGMT 546, the remaining three (3) courses must be selected from the following: 524, 547, 548, 553, 559, 590, 592, 593, 594

(accounting special topics only), 640, and 643. Students who are planning on taking the CPA exam are strongly recommended to visit with a faculty advisor before selecting courses from the list of electives.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_\_ No  X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Accounting concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1429**

Fields marked with \* are required

**Name of Initiator:** Deirdre F Markham    **Email:** [dmarkham@unm.edu](mailto:dmarkham@unm.edu)    **Phone Number:** 277-4161    **Date:** 09-15-2014

Associated Forms exist? Yes  Initiator's Title ADMINISTRATIVE COORDINATOR: Anderson Schools of Ma  
Faculty Contact Robert DelCampo    Administrative Contact Deirdre Markham  
Department Anderson School of Management    Admin Email dmarkham@unm.edu  
Branch    Admin Phone 277-4161

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MBA Entrepreneurship Concentration  
Select Category Concentration  Degree Type M.B.A.  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C - M.B.A. Entrepreneurship Concentration.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

This request adjusts the Entrepreneurship concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C - M.B.A. Entrepreneurship Concentration.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**FORM C Degree/Program Change**

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator’s Rank/Title: Program Specialist

Associated Forms Exist: Yes No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean’s Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

**Course Information**

Circle Program: UG GR

Name of new or existing program: Entrepreneurship Concentration

Select Category: Degree Major Minor Concentration  
Certificate Emphasis Department Subject code  
UG Core Course

Degree type: M.B.A.

Select Action: New Revision Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

The Entrepreneurship Concentration - <http://masters.mgt.unm.edu/curriculum/entrepreneurial.asp> is for students who seek to start their own business, manage an existing entrepreneurial venture, or work in small businesses with an entrepreneurial focus.

Required courses: MGMT 556 and 557

To satisfy requirements for the concentration, students must take at least 12 hours (4 courses) of approved entrepreneurship graduate coursework. In addition to MGMT 556 and 557, the remaining two (2) courses can be selected from the following: 503, 516, 543, 568, 584, 594 (entrepreneurship special topics only), and 596. Multiple MGMT 594 sections may be counted toward the concentration requirements as long as the topics are related to Entrepreneurship.

MGMT 551 and 552 (independent study) sections covering Entrepreneurship-related topics may count toward the concentration requirements with advance approval. Other electives may be allowed with the approval of the faculty concentration advisor.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Entrepreneurship concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

### Course Information

Circle Program: UG **GR**

Name of new or existing program: Entrepreneurship Concentration

Select Category:	Degree	Major	Minor	<b>Concentration</b>
	Certificate	Emphasis	Department	Subject code
	UG Core Course			

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

The Entrepreneurship Concentration - <http://masters.mgt.unm.edu/curriculum/entrepreneurial.asp> is for students who seek to start their own business, manage an existing entrepreneurial venture, or work in small businesses with an entrepreneurial focus.

Required courses: MGMT 556 and 557

To satisfy requirements for the concentration, students must take at least 12 hours (4 courses) of approved entrepreneurship graduate coursework. In addition to MGMT 556 and 557, the remaining two (2) courses can be selected from the following: 503, 516, 543, 568, 584, 594 (entrepreneurship special topics only), and 596. Multiple MGMT 594 sections may be counted toward the concentration requirements as long as the topics are related to Entrepreneurship.

Updated 7/2014, DFM

MGMT 551 and 552 (independent study) sections covering Entrepreneurship-related topics may count toward the concentration requirements with advance approval. Other electives may be allowed with the approval of the faculty concentration advisor.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Entrepreneurship concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1430**

Fields marked with \* are required

**Name of Initiator:** Deirdre F Markham    **Email:** [dmarkham@unm.edu](mailto:dmarkham@unm.edu)    **Phone Number:** 277-4161    **Date:** 09-15-2014

Associated Forms exist? Yes   
Initiator's Title Program Specialist  
Faculty Contact Robert DelCampo    Administrative Contact Deirdre Markham  
Department Anderson School of Management    Admin Email dmarkham@unm.edu  
Branch    Admin Phone 277-4161

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MBA Finance Concentration  
Select Category Concentration  Degree Type M.B.A.  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C - M.B.A. Finance Concentration.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

This request adjusts the Finance concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C - M.B.A. Finance Concentration.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161

Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu

Admin Phone: 277-4161

Branch:

Proposed effective term

Semester: Fall

Year: 2015

### Course Information

Circle Program: UG

**GR**

Name of new or existing program: Finance Concentration

Select Category:

Degree

Major

Minor

**Concentration**

Certificate

Emphasis

Department

Subject code

UG Core Course

Degree type: M.B.A.

Select Action:

New

**Revision**

Deletion

Name Change

Exact Title and Requirements as they should appear in the catalog:

Finance Concentration Web site: <http://masters.mgt.unm.edu/curriculum/finance.asp>

Required courses: MGMT 571 and 577

To satisfy requirements for this concentration, students must take at least 12 hours (4 courses) of approved finance graduate coursework. In addition to MGMT 571 and 577, the remaining two (2) courses must be selected from the following: 516, 570, 572, 573, 574, 576, 578 or 579.

Updated 7/2014, DFM

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Finance concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161

Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu

Admin Phone: 277-4161

Branch:

Proposed effective term

Semester: Fall

Year: 2015

### Course Information

Circle Program: UG

**GR**

Name of new or existing program: Finance Concentration

Select Category:

Degree

Major

Minor

**Concentration**

Certificate

Emphasis

Department

Subject code

UG Core Course

Degree type: M.B.A.

Select Action:

New

**Revision**

Deletion

Name Change

Exact Title and Requirements as they should appear in the catalog:

Finance Concentration Web site: <http://masters.mgt.unm.edu/curriculum/finance.asp>

Required courses: MGMT 571 and 577

To satisfy requirements for this concentration, students must take at least 12 hours (4 courses) of approved finance graduate coursework. In addition to MGMT 571 and 577, the remaining two (2) courses must be selected from the following: 516, 570, 572, 573, 574, 576, 578 or 579.

Updated 7/2014, DFM

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Finance concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1431**

Fields marked with \* are required

**Name of Initiator:** Deirdre F Markham    **Email:** [dmarkham@unm.edu](mailto:dmarkham@unm.edu)    **Phone Number:** 277-4161    **Date:** 09-15-2014

Associated Forms exist? Yes   
Initiator's Title Program Specialist  
Faculty Contact Robert DelCampo    Administrative Contact Deirdre Markham  
Department Anderson School of Management    Admin Email dmarkham@unm.edu  
Branch    Admin Phone 277-4161

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MBA Information Assurance Concentration  
Select Category Concentration  Degree Type M.B.A.  
Select Action Deletion

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C - M.B.A. Information Assurance Concentration.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

With the approval of the MS-ISA concentration, the department will no longer be offering this concentration as of Fall 2015.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C - M.B.A. Information Assurance Concentration.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**FORM C Degree/Program Change**

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator’s Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean’s Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

**Course Information**

Circle Program: UG **GR**

Name of new or existing program: Information Assurance Concentration

Select Category: Degree Major Minor **Concentration**  
Certificate Emphasis Department Subject code  
UG Core Course

Degree type: M.B.A.

Select Action: New Revision **Deletion** Name Change

Exact Title and Requirements as they should appear in the catalog:

We are requesting the Information Assurance Concentration be deleted. It has been replaced with the recently approved MS-ISA program.

Does this change affect other departmental program/branch campuses? Yes \_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

With the approval of the MS-ISA program, the faculty resources that had staffed courses associated with the MBA-Information Assurance concentration will be staffing the MS-ISA

program. Sufficient time has been allowed for students currently enrolled in the MBA-Information Assurance program to complete their studies, but additional students should not be enrolled in the program as it is being phased out. This transition has been carefully planned by the home department to address the current needs of students in this discipline as part of the long-range planning process associated with developing and achieving approval of the MS-ISA program.

**FORM C Degree/Program Change**

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator’s Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean’s Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

**Course Information**

Circle Program: UG **GR**

Name of new or existing program: Information Assurance Concentration

Select Category: Degree Major Minor **Concentration**  
Certificate Emphasis Department Subject code  
UG Core Course

Degree type: M.B.A.

Select Action: New Revision **Deletion** Name Change

Exact Title and Requirements as they should appear in the catalog:

We are requesting the Information Assurance Concentration be deleted. It has been replaced with the recently approved MS-ISA program.

Does this change affect other departmental program/branch campuses? Yes \_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

With the approval of the MS-ISA program, the faculty resources that had staffed courses associated with the MBA-Information Assurance concentration will be staffing the MS-ISA

program. Sufficient time has been allowed for students currently enrolled in the MBA-Information Assurance program to complete their studies, but additional students should not be enrolled in the program as it is being phased out. This transition has been carefully planned by the home department to address the current needs of students in this discipline as part of the long-range planning process associated with developing and achieving approval of the MS-ISA program.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1432**

Fields marked with \* are required

**Name of Initiator:** Deirdre F Markham    **Email:** [dmarkham@unm.edu](mailto:dmarkham@unm.edu)    **Phone Number:** 277-4161    **Date:** 09-15-2014

Associated Forms exist? Yes   
Initiator's Title Program Specialist  
Faculty Contact Robert DelCampo    Administrative Contact Deirdre Markham  
Department Anderson School of Management    Admin Email dmarkham@unm.edu  
Branch    Admin Phone 277-4161

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MBA International Management Concentration  
Select Category Concentration  Degree Type M.B.A.  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C - M.B.A. International Management Concentration.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

This request adjusts the International Management concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C - M.B.A. International Management Concentration.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**FORM C Degree/Program Change**

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator’s Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean’s Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

**Course Information**

Circle Program: UG **GR**

Name of new or existing program: International Management Concentration

Select Category:	Degree	Major	Minor	<b>Concentration</b>
	Certificate	Emphasis	Department	Subject code
	UG Core Course			

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

International Management Web site:  
<http://masters.mgt.unm.edu/curriculum/international.asp>

**Requirements:** The International Management Concentration requires at least 12 hours (4 courses) of approved international management graduate coursework from the following: 524, 548, 560, 569, 574, 583, 594 (international management special topics only), 595, 596, 597, and 697 (697 must be pre-approved by career services office and international management internship advisor).

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the International Management concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

**FORM C Degree/Program Change**

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator’s Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean’s Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

**Course Information**

Circle Program: UG **GR**

Name of new or existing program: International Management Concentration

Select Category:	Degree	Major	Minor	<b>Concentration</b>
	Certificate	Emphasis	Department	Subject code
	UG Core Course			

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

International Management Web site:  
<http://masters.mgt.unm.edu/curriculum/international.asp>

**Requirements:** The International Management Concentration requires at least 12 hours (4 courses) of approved international management graduate coursework from the following: 524, 548, 560, 569, 574, 583, 594 (international management special topics only), 595, 596, 597, and 697 (697 must be pre-approved by career services office and international management internship advisor).

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the International Management concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1433**

Fields marked with \* are required

**Name of Initiator:** Deirdre F Markham    **Email:** [dmarkham@unm.edu](mailto:dmarkham@unm.edu)    **Phone Number:** 277-4161    **Date:** 09-15-2014

Associated Forms exist?      Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
Branch    Admin Phone

**Proposed effective term**

Semester      Year

**Course Information**

Select Appropriate Program    
Name of New or Existing Program   
Select Category      Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C - M.B.A. International Management Latin America Concentration.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C - M.B.A. International Management Latin America Concentration.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**FORM C Degree/Program Change**

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator’s Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean’s Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

**Course Information**

Circle Program: UG **GR**

Name of new or existing program: International Management Concentration

Select Category:	Degree	Major	Minor	<b>Concentration</b>
	Certificate	Emphasis	Department	Subject code
	UG Core Course			

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

International Management in Latin America Web site:  
<http://masters.mgt.unm.edu/curriculum/international.asp>

**Requirements:** The International Management in Latin America Concentration requires at least 12 hours (4 courses) of approved international management graduate coursework from the following: 524, 548, 560, 569, 574, 583, 594 (international management special topics only), 595, 596, 597, and 697 (697 must be pre-approved by career services office and international management internship advisor).

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the International Management in Latin America concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

**FORM C Degree/Program Change**

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator’s Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean’s Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

**Course Information**

Circle Program: UG **GR**

Name of new or existing program: International Management Concentration

Select Category: Degree Major Minor **Concentration**  
Certificate Emphasis Department Subject code  
UG Core Course

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

International Management in Latin America Web site:  
<http://masters.mgt.unm.edu/curriculum/international.asp>

**Requirements:** The International Management in Latin America Concentration requires at least 12 hours (4 courses) of approved international management graduate coursework from the following: 524, 548, 560, 569, 574, 583, 594 (international management special topics only), 595, 596, 597, and 697 (697 must be pre-approved by career services office and international management internship advisor).

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the International Management in Latin America concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1434**

Fields marked with \* are required

**Name of Initiator:** Deirdre F Markham    **Email:** [dmarkham@unm.edu](mailto:dmarkham@unm.edu)    **Phone Number:** 277-4161    **Date:** 09-15-2014

Associated Forms exist? Yes   
Initiator's Title Program Specialist  
Faculty Contact Robert DelCampo    Administrative Contact Deirdre Markham  
Department Anderson School of Management    Admin Email dmarkham@unm.edu  
Branch    Admin Phone 277-4161

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MBA Management Information Systems Concentration  
Select Category Concentration  Degree Type M.B.A.  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C - M.B.A. Management Information Systems Concentration.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

This request adjusts the Management Information Systems concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C - M.B.A. Management Information Systems Concentration.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

### Course Information

Circle Program: UG **GR**

Name of new or existing program: International Management Concentration

Select Category: Degree Major Minor **Concentration**  
Certificate Emphasis Department Subject code  
UG Core Course

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

Management Information Systems Concentration Web site:

<http://masters.mgt.unm.edu/curriculum/mis.asp>

One semester of programming experience (i.e., CS 152L, MGMT 330, or equivalent) is a prerequisite for the concentration.

**Required courses:** MGMT 634 and 637

To satisfy requirements for the concentration, students must take at least 12 hours (4 courses) of approved management information graduate coursework. In addition to MGMT 634 and 637, the remaining two (2) courses must be selected from the following: 630, 631, 632, 635, 636, 639 (Advanced Topics in Management Information System; multiple sections may be used

as long as the topics vary), and 647. Students are strongly encouraged to work with the faculty concentration advisor as early as possible in their degree program to plan a suitable program of study.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Management Information Systems concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

### Course Information

Circle Program: UG **GR**

Name of new or existing program: International Management Concentration

Select Category:	Degree	Major	Minor	<b>Concentration</b>
	Certificate	Emphasis	Department	Subject code
	UG Core Course			

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

Management Information Systems Concentration Web site:

<http://masters.mgt.unm.edu/curriculum/mis.asp>

One semester of programming experience (i.e., CS 152L, MGMT 330, or equivalent) is a prerequisite for the concentration.

**Required courses:** MGMT 634 and 637

To satisfy requirements for the concentration, students must take at least 12 hours (4 courses) of approved management information graduate coursework. In addition to MGMT 634 and 637, the remaining two (2) courses must be selected from the following: 630, 631, 632, 635, 636, 639 (Advanced Topics in Management Information System; multiple sections may be used

as long as the topics vary), and 647. Students are strongly encouraged to work with the faculty concentration advisor as early as possible in their degree program to plan a suitable program of study.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Management Information Systems concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

### Course Information

Circle Program: UG **GR**

Name of new or existing program: International Management Concentration

Select Category:	Degree	Major	Minor	<b>Concentration</b>
	Certificate	Emphasis	Department	Subject code
	UG Core Course			

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

Management Information Systems Concentration Web site:

<http://masters.mgt.unm.edu/curriculum/mis.asp>

One semester of programming experience (i.e., CS 152L, MGMT 330, or equivalent) is a prerequisite for the concentration.

**Required courses:** MGMT 634 and 637

To satisfy requirements for the concentration, students must take at least 12 hours (4 courses) of approved management information graduate coursework. In addition to MGMT 634 and 637, the remaining two (2) courses must be selected from the following: 630, 631, 632, 635, 636, 639 (Advanced Topics in Management Information System; multiple sections may be used

as long as the topics vary), and 647. Students are strongly encouraged to work with the faculty concentration advisor as early as possible in their degree program to plan a suitable program of study.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Management Information Systems concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1435**

Fields marked with \* are required

**Name of Initiator:** Deirdre F Markham    **Email:** [dmarkham@unm.edu](mailto:dmarkham@unm.edu)    **Phone Number:** 277-4161    **Date:** 09-15-2014

Associated Forms exist? Yes   
Initiator's Title Program Specialist  
Faculty Contact Robert DelCampo    Administrative Contact Deirdre Markham  
Department Anderson School of Management    Admin Email dmarkham@unm.edu  
Branch    Admin Phone 277-4161

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MBA Management of Technology Concentration  
Select Category Concentration  Degree Type M.B.A.  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C - M.B.A. Management of Technology Concentration.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

This request adjusts the Management of Technology concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C - M.B.A. Management of Technology Concentration.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

### Course Information

Circle Program: UG **GR**

Name of new or existing program: International Management Concentration

Select Category: Degree Major Minor **Concentration**  
Certificate Emphasis Department Subject code  
UG Core Course

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

Management of Technology Concentration Web site:

<http://masters.mgt.unm.edu/curriculum/mot.asp>

**Requirements:** The Management of Technology Concentration requires at least 12 hours (4 courses) of approved management of technology graduate coursework from the following: 512, 513, 514, 515, 516, 517, 518, 519 or 697 (697 must be pre-approved by career services office and management of technology internship advisor). Students are required to meet with a faculty concentration advisor to plan their program of study.

(Please note that courses 517 will have a Form B submitted with this catalog cycle which is why it is included in the coursework description.)

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Management of Technology concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

### Course Information

Circle Program: UG **GR**

Name of new or existing program: International Management Concentration

Select Category: Degree Major Minor **Concentration**  
Certificate Emphasis Department Subject code  
UG Core Course

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

Management of Technology Concentration Web site:

<http://masters.mgt.unm.edu/curriculum/mot.asp>

**Requirements:** The Management of Technology Concentration requires at least 12 hours (4 courses) of approved management of technology graduate coursework from the following: 512, 513, 514, 515, 516, 517, 518, 519 or 697 (697 must be pre-approved by career services office and management of technology internship advisor). Students are required to meet with a faculty concentration advisor to plan their program of study.

(Please note that courses 517 will have a Form B submitted with this catalog cycle which is why it is included in the coursework description.)

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Management of Technology concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1436**

Fields marked with \* are required

**Name of Initiator:** Deirdre F Markham    **Email:** [dmarkham@unm.edu](mailto:dmarkham@unm.edu)    **Phone Number:** 277-4161    **Date:** 09-15-2014

Associated Forms exist? Yes  Initiator's Title Program Specialist  
Faculty Contact Robert DelCampo    Administrative Contact Deirdre Markham  
Department Anderson School of Management    Admin Email dmarkham@unm.edu  
Branch    Admin Phone 277-4161

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MBA Marketing Management Concentration  
Select Category Concentration  Degree Type M.B.A.  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C - M.B.A. Marketing Concentration.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

This request adjusts the Marketing Management concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C - M.B.A. Marketing Concentration.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

### Course Information

Circle Program: UG **GR**

Name of new or existing program: International Management Concentration

Select Category: Degree Major Minor **Concentration**  
Certificate Emphasis Department Subject code  
UG Core Course

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

The [Marketing Management concentration](http://masters.mgt.unm.edu/curriculum/marketing.asp) -  
<http://masters.mgt.unm.edu/curriculum/marketing.asp>

serves students interested in careers in product management, marketing research, advertising, logistics, supply chain management, sales, and customer relations.

**Required courses:** MGMT 581 and 582

To satisfy requirements for this concentration, students must take at least 12 hours (4 courses) of approved marketing graduate coursework. In addition to MGMT 581 and 582, the remaining

two (2) courses must be selected from the following: \*489, 523, 580, 583, 584, 586, 587, 588 and 697 (697 must be pre-approved by career services office and marketing internship advisor).

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_\_ No  X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Marketing concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161

Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu

Admin Phone: 277-4161

Branch:

Proposed effective term

Semester: Fall

Year: 2015

### Course Information

Circle Program: UG

**GR**

Name of new or existing program: International Management Concentration

Select Category:

Degree

Major

Minor

**Concentration**

Certificate

Emphasis

Department

Subject code

UG Core Course

Degree type: M.B.A.

Select Action:

New

**Revision**

Deletion

Name Change

Exact Title and Requirements as they should appear in the catalog:

The [Marketing Management concentration](#) -

<http://masters.mgt.unm.edu/curriculum/marketing.asp>

serves students interested in careers in product management, marketing research, advertising, logistics, supply chain management, sales, and customer relations.

**Required courses:** MGMT 581 and 582

To satisfy requirements for this concentration, students must take at least 12 hours (4 courses) of approved marketing graduate coursework. In addition to MGMT 581 and 582, the remaining

two (2) courses must be selected from the following: \*489, 523, 580, 583, 584, 586, 587, 588 and 697 (697 must be pre-approved by career services office and marketing internship advisor).

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_\_ No  X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Marketing concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1437**

Fields marked with \* are required

**Name of Initiator:** Deirdre F Markham    **Email:** [dmarkham@unm.edu](mailto:dmarkham@unm.edu)    **Phone Number:** 277-4161    **Date:** 09-15-2014

Associated Forms exist? Yes   
Initiator's Title Program Specialist  
Faculty Contact Robert DelCampo    Administrative Contact Deirdre Markham  
Department Anderson School of Management    Admin Email dmarkham@unm.edu  
Branch    Admin Phone 277-4161

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MBA Operations Management Concentration  
Select Category Concentration  Degree Type M.B.A.  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C - M.B.A. Operations Management Concentration.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

This request adjusts the Operations Management concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C - M.B.A. Operations Management Concentration.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

### Course Information

Circle Program: UG **GR**

Name of new or existing program: International Management Concentration

Select Category: Degree Major Minor **Concentration**  
Certificate Emphasis Department Subject code  
UG Core Course

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

The [Operations Management concentration](http://masters.mgt.unm.edu/curriculum/operations.asp) -  
<http://masters.mgt.unm.edu/curriculum/operations.asp>

serves students wishing to learn how to apply analytic and modeling techniques to a wide range of problems facing modern businesses.

**Requirements:** The Operations Management Concentration requires at least 12 hours (4 courses) of approved operations management graduate from the following: 521, 523, 525, 586, 588, and 697 (697 must be pre-approved by career services office and operations management internship advisor).

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Operations Management concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

### Course Information

Circle Program: UG **GR**

Name of new or existing program: International Management Concentration

Select Category: Degree Major Minor **Concentration**  
Certificate Emphasis Department Subject code  
UG Core Course

Degree type: M.B.A.

Select Action: New **Revision** Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

The [Operations Management concentration](http://masters.mgt.unm.edu/curriculum/operations.asp) -  
<http://masters.mgt.unm.edu/curriculum/operations.asp>

serves students wishing to learn how to apply analytic and modeling techniques to a wide range of problems facing modern businesses.

**Requirements:** The Operations Management Concentration requires at least 12 hours (4 courses) of approved operations management graduate from the following: 521, 523, 525, 586, 588, and 697 (697 must be pre-approved by career services office and operations management internship advisor).

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Operations Management concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1438**

Fields marked with \* are required

**Name of Initiator:** Deirdre F Markham    **Email:** [dmarkham@unm.edu](mailto:dmarkham@unm.edu)    **Phone Number:** 277-4161    **Date:** 09-15-2014

Associated Forms exist? Yes      Initiator's Title Program Specialist  
Faculty Contact Robert DelCampo    Administrative Contact Deirdre Markham  
Department Anderson School of Management    Admin Email dmarkham@unm.edu  
Branch    Admin Phone 277-4161

**Proposed effective term**

Semester Fall      Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program    
Name of New or Existing Program MBA Organizational Behavior/Human Resources Management Concentration  
Select Category Concentration      Degree Type M.B.A.  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C - M.B.A. OB HR Concentration.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

This request adjusts the Organizational Behavior/Human Resources Management concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C - M.B.A. OB HR Concentration.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161

Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu

Admin Phone: 277-4161

Branch:

Proposed effective term

Semester: Fall

Year: 2015

### Course Information

Circle Program: UG

**GR**

Name of new or existing program: International Management Concentration

Select Category:

Degree

Major

Minor

**Concentration**

Certificate

Emphasis

Department

Subject code

UG Core Course

Degree type: M.B.A.

Select Action:

New

**Revision**

Deletion

Name Change

Exact Title and Requirements as they should appear in the catalog:

The Organizational Behavior/Human Resources Management (OB/HRM) -

<http://masters.mgt.unm.edu/curriculum/obhrm.asp> concentration focuses on developing student knowledge and skills to better manage people to foster organizational success. Careers resulting from the OB/HRM concentration include positions in human resources management, organizational development, organizational consulting, and general management.

**Requirements:** The Organizational Behavior/Human Resources Management Concentration requires at least 12 hours (4 courses) of approved organizational behavior/human resources management graduate coursework from the following: \*465, \*466, \*468, \*469, 507, 560, 561, 562, 564, 565, 566, 567, 568, 569, 654, or 663. Other Anderson School courses, or courses outside the Anderson School, may be substituted with the approval of the faculty advisor.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Organizational Behavior/Human Resources concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161

Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu

Admin Phone: 277-4161

Branch:

Proposed effective term

Semester: Fall

Year: 2015

### Course Information

Circle Program: UG

**GR**

Name of new or existing program: International Management Concentration

Select Category:

Degree

Major

Minor

**Concentration**

Certificate

Emphasis

Department

Subject code

UG Core Course

Degree type: M.B.A.

Select Action:

New

**Revision**

Deletion

Name Change

Exact Title and Requirements as they should appear in the catalog:

The Organizational Behavior/Human Resources Management (OB/HRM) -

<http://masters.mgt.unm.edu/curriculum/obhrm.asp> concentration focuses on developing student knowledge and skills to better manage people to foster organizational success. Careers resulting from the OB/HRM concentration include positions in human resources management, organizational development, organizational consulting, and general management.

**Requirements:** The Organizational Behavior/Human Resources Management Concentration requires at least 12 hours (4 courses) of approved organizational behavior/human resources management graduate coursework from the following: \*465, \*466, \*468, \*469, 507, 560, 561, 562, 564, 565, 566, 567, 568, 569, 654, or 663. Other Anderson School courses, or courses outside the Anderson School, may be substituted with the approval of the faculty advisor.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Organizational Behavior/Human Resources concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1440**

Fields marked with \* are required

**Name of Initiator:** Stephanie Hands    **Email:** [ssmith@unm.edu](mailto:ssmith@unm.edu)    **Phone Number:** 505 277-7373    **Date:** 09-16-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
**Branch**    Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Graduation Requirements 201510.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

With the change in minimum credit hours for A&S degrees (from 128 to 120) the college feels that the current requirement for 54 hours of upper division is too difficult to attain in a timely manner. This requirement would be especially difficult to obtain in 120 hours for many of our STEM degrees as well as any student that obtained an Associate s degree prior to attending UNM. For these reasons A&S would like to adjust required upper division hours to 48. This number is still greater than the number required prior to our latest curriculum revision. Along with this adjustment we also would like to adjust the discount in upper division hours we currently give students that elect to complete a fourth semester of a second language. As it stands currently, students taking this option are released from three credit hours of upper division. For many students (anyone starting in a 101 or 102) this would mean taking 6-9 additional credit hours. As we want to encourage a second language proficiency; we would like to increase the discount to six hours, more closely matching the credit hour investment our students will be making in the language. Thus, students completing a fourth semester of a foreign language would be required to complete 42 upper division hours.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## Graduation Requirements

A degree from the College of Arts and Sciences is designed to give students a relatively broad background while allowing concentrated study in at least two disciplines. This is accomplished through the selection of major and minor and the opportunity to select upper division electives from a wide range of disciplines.

Students must attend a Graduation Planning Workshop upon completion of 75 earned credit hours. Once the workshop is complete, students submit a projected graduation date to the college. The College Advisement Office certifies graduation only when the LoboTrax audit reads complete (see below). Each student is solely responsible for being familiar with and completing all graduation requirements. College advisors are available to assist students in their planning.

A degree from the College of Arts and Sciences is awarded upon completion or accomplishment of the following:

1. A total of 120 acceptable credit hours.
2. A grade point average of at least 2.00 as defined in the [Student Services Information - Grading](#) section of this Catalog.
3. The University of New Mexico Core Curriculum, as described below.
4. A minimum of 96 credit hours of courses taught by Arts and Sciences departments. Exceptions are allowed for majors in family studies (88 credit hours). Effective Fall 1997, 18 credit hours of honors courses count for Arts and Sciences credit.
5. A major and minor or a double major, or one of the special curricula of the College (see approved programs listed below). At least one of which must be housed within the College of Arts and Sciences.
6. One semester/session of enrollment subsequent to admission to the College of Arts and Sciences with a minimum of 6 credit hours taught by Arts and Sciences departments.
7. At least 48 credit hours of upper-division course work (courses numbered 300 or 400) with a minimum grade point average of 2.00 on all upper-division credit hours accepted by the College.

OR

At least 42 credit hours of upper-division course work and completion of a second language at the 4th semester level or equivalent.

Fulfillment may be met through testing. Students with proficiency in a foreign language, (for example, any student who uses English as a second language) should consult with the department offering the alternate language or the A&S Advisement Center for advisement, referral, placement and/or testing.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1467**

Fields marked with \* are required

**Name of Initiator:** Deirdre F Markham    **Email:** [dmarkham@unm.edu](mailto:dmarkham@unm.edu)    **Phone Number:** 277-4161    **Date:** 10-07-2014

Associated Forms exist? Yes  Initiator's Title Program Specialist: Anderson Schools of Ma  
Faculty Contact Robert DelCampo    Administrative Contact Deirdre Markham  
Department Anderson School of Management    Admin Email dmarkham@unm.edu  
Branch    Admin Phone 277-4161

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MBA Policy and Planning Concentration  
Select Category Concentration  Degree Type MBA  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C - M.B.A. Policy and Planning Concentration.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

We requesting both a degree and a name change. The new name requested is Strategic Management & Policy. The degree change adjusts the former Policy and Planning concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C - M.B.A. Policy and Planning Concentration.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161 Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu Admin Phone: 277-4161

Branch:

Proposed effective term Semester: Fall Year: 2015

### Course Information

Circle Program: UG **GR**

Name of new or existing program: Policy and Planning Concentration

Select Category: Degree Major Minor **Concentration**  
Certificate Emphasis Department Subject code  
UG Core Course

Degree type: M.B.A.

Select Action: New **Revision** Deletion **Name Change**

Exact Title and Requirements as they should appear in the catalog:

The Strategic Management & Policy <http://masters.mgt.unm.edu/curriculum/policy.asp> is oriented toward cross-functional problem-solving and analysis. Careers and employment resulting from the P&P concentration include strategic planning, public policy analysis, public affairs, nonprofit management, and other cross-functional positions.

**Requirements:** The Policy and Planning Concentration requires at least 12 hours (4 courses) of approved policy and planning graduate coursework from the following: 503, 568, 640, 650, 651, 652, 653, 654, 655, 657, 658, 663, English 518 and Law 659 (with permission of instructor). Other Anderson School courses, or courses outside the Anderson School, may be substituted with the approval of the faculty advisor. Students are required to meet with a faculty concentration advisor to plan their program of study.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No  X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Policy and Planning concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161

Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu

Admin Phone: 277-4161

Branch:

Proposed effective term

Semester: Fall

Year: 2015

### Course Information

Circle Program: UG

**GR**

Name of new or existing program: Policy and Planning Concentration

Select Category:

Degree

Major

Minor

**Concentration**

Certificate

Emphasis

Department

Subject code

UG Core Course

Degree type: M.B.A.

Select Action:

New

**Revision**

Deletion

**Name Change**

Exact Title and Requirements as they should appear in the catalog:

The Strategic Management & Policy <http://masters.mgt.unm.edu/curriculum/policy.asp> is oriented toward cross-functional problem-solving and analysis. Careers and employment resulting from the P&P concentration include strategic planning, public policy analysis, public affairs, nonprofit management, and other cross-functional positions.

**Requirements:** The Policy and Planning Concentration requires at least 12 hours (4 courses) of approved policy and planning graduate coursework from the following: 503, 568, 640, 650, 651, 652, 653, 654, 655, 657, 658, 663, English 518 and Law 659 (with permission of instructor). Other Anderson School courses, or courses outside the Anderson School, may be substituted with the approval of the faculty advisor. Students are required to meet with a faculty concentration advisor to plan their program of study.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Policy and Planning concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.

## FORM C Degree/Program Change

Name of Initiator: Deirdre Markham Email: dmarkham@unm.edu Date: 9/15/14

Phone: 277-4161

Initiator's Rank/Title: Program Specialist

Associated Forms Exist: **Yes** No

Faculty Contact: Robert DelCampo Administrative Contact: Deirdre Markham

Department: Associate Dean's Office

Admin Email: dmarkham@unm.edu

Admin Phone: 277-4161

Branch:

Proposed effective term

Semester: Fall

Year: 2015

### Course Information

Circle Program: UG

**GR**

Name of new or existing program: Policy and Planning Concentration

Select Category:

Degree

Major

Minor

**Concentration**

Certificate

Emphasis

Department

Subject code

UG Core Course

Degree type: M.B.A.

Select Action:

New

**Revision**

Deletion

**Name Change**

Exact Title and Requirements as they should appear in the catalog:

The Strategic Management & Policy <http://masters.mgt.unm.edu/curriculum/policy.asp> is oriented toward cross-functional problem-solving and analysis. Careers and employment resulting from the P&P concentration include strategic planning, public policy analysis, public affairs, nonprofit management, and other cross-functional positions.

**Requirements:** The Policy and Planning Concentration requires at least 12 hours (4 courses) of approved policy and planning graduate coursework from the following: 503, 568, 640, 650, 651, 652, 653, 654, 655, 657, 658, 663, English 518 and Law 659 (with permission of instructor). Other Anderson School courses, or courses outside the Anderson School, may be substituted with the approval of the faculty advisor. Students are required to meet with a faculty concentration advisor to plan their program of study.

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No X

Reason(s) for request:

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

This request adjusts the Policy and Planning concentration catalog description to align with the new credit hour program requirements which have been submitted in Form C1380.

In Form C1380, Anderson is requesting a revision of the credit hours required to receive an M.B.A. Form C1380 was the result of a 3-year review of the M.B.A. curriculum and removes the option that allowed waivers of core courses. In order to cover the additional sections of core courses that will be necessary with the removal of the waiver, concentration requirements have been reduced in order to free existing faculty resources to cover the additional sections of core courses that will be necessary.



## Current Catalog Entry

### Concentration in Basics in Addiction Counseling (B.A./B.S.)

The concentration in Basics in Addiction Counseling (BAC) within the Psychology major is for a select group of undergraduates who are interested in a career in the alcohol/drug counseling field. In addition to the standard psychology major requirements, it involves a series of specialized addiction courses, as well as a multi-semester field placement at a substance abuse agency. The BAC concentration is designed to meet the educational requirements for a Licensed Alcohol/Drug Abuse Counselor (LADAC). Entrance into the concentration is competitive (see below).

#### Requirements:

All applicants are required to be Psychology majors and meet the following requirements:

- Are enrolled in the equivalent of the 4th semester of full-time coursework toward a college degree.
- Have a minimum cumulative GPA of 3.0 or a Psychology GPA of 3.5.
- Are committed to a career in the alcohol/drug counseling field.
- Have interpersonal skills appropriate for a counseling career.
- Have the ability to meet the program standards (with or without reasonable accommodation), and
- Have read and acknowledged understanding of the New Mexico Counseling and Therapy Practice Board standards for licensure.

## Proposed Catalog Entry

### Concentration in Basics in Addictions Counseling (B.A./B.S.)

The Basics in Addiction Counseling (BAC) Concentration is designed for a select group of undergraduate psychology majors who are interested in a career in the alcohol/drug counseling field. In addition to the standard psychology major requirements, the BAC Concentration involves a series of specialized addiction courses, as well as a multi-semester field placement at a substance abuse agency. Students admitted to the BAC concentration will have completed all coursework requirements to become a Licensed Substance Abuse Associate (LSAA) and/or Licensed Alcohol/Drug Abuse Counselor (LADAC).

To complete the BAC Concentration, students must complete 45 hours in psychology. In addition, students must earn a grade of “C” or better (grades of C- are not accepted) in all psychology courses. 24 credits MUST be taken at UNM to satisfy the residency requirement. Major requirements are only one portion of your undergraduate degree. Meet with an Undergraduate Program Advisor located in the Department to discuss the University and College level requirements in addition to the major. To earn the BA or BS Degree in Psychology students *must declare a minor*. To earn the BA degree students must select a minor from *the approved College of Arts and Sciences minor list*. To earn the BS degree students *must declare a minor from the following: Evolutionary Anthropology; Biology; Chemistry; Computer Science; Mathematics; Physics; or Statistics*. Meet with your Minor Department’s Departmental Advisor to review your minor requirements.

## Current Catalog Entry

### Procedures:

- Interested applicants provide:
  - - a. Letter of interest
    - b. Current resume (work and academic experience)
    - c. At least two letters of recommendation that address the qualifications, character, and motivation of the applicant. These letters may come from employers, professors, or supervisors; these are not personal references
    - d. College transcripts
- Applications typically are considered twice a year.
- All applications are reviewed by an admissions committee.
- Selected applicants are interviewed; interviews query any aspect of program requirements described above.

To obtain a B.S. or B.A. in Psychology with a concentration in Basics in Addiction Counseling a student must complete 47 credit hours in Psychology and an approved College of Arts and Sciences minor (see B.A. and B.S. requirements).

## Proposed Catalog Entry

### BAC Concentration Admission Requirements

All applicants are required to be Psychology Majors and meet the following requirements:

- Are enrolled in the equivalent of the 4<sup>th</sup> semester of full-time coursework toward a college degree.
- Have a minimum cumulative GPA of 3.0 or a Psychology GPA of 3.5.
- Are committed to a career in the alcohol/drug counseling field.
- Have interpersonal skills appropriate for a counseling career.
- Have the ability to meet the program standards. (*with or without reasonable accommodation*)
- Have read and acknowledged understanding of the New Mexico Counseling and Therapy Practice Board standards for licensure.

### Procedures to Apply

Interested applicants will provide:

- Letter of interest
- Current resume (work & academic experience)
- At least two letters of recommendation (*must address the qualifications, character, and motivation of the applicant. These letters may come from employers, professors, or supervisors; these are not personal references*)
- College transcripts
- Completed BAC Application

## Current Catalog Entry

The 47 credit hours of Psychology must include:

	<b>Credit Hours</b>
PSY 200	3
PSY 200	3
PSY 240	3
Three other courses (9 credit hours) selected from five 200-level core courses: PSY 220, 260, 265, 271, and 280	9
PSY 302	3
Four required electives: PSY 332, 347, 430, 411	12
PSY 335L or PSY 480L or other pre-approved laboratory experience	2
PSY 311	1
PSY 312	1
PSY 313	1
PSY 412	9 total

## Proposed Catalog Entry

The 45 credit hours in Psychology must include:

Core Courses:

**(12 credit hours)**

PSY 105, PSY 200, PSY 240, PSY 302

Three (3) from the following 200 level psychology courses:

**(9 credit hours)**

PSY 220, PSY 260, PSY 265, PSY 271, PSY 280

Five (5) required 300/400 upper division psychology electives:

**(15 credit hours)**

PSY 332, PSY 335, PSY 347, PSY 411, PSY 430

One (1) required psychology lab from the following or a pre-approved lab\* (2 credit hours)

PSY 335L, PSY 445L, PSY 480L

Additional Requirements for the BAC Concentration

**(7 credit hours)**

PSY 313, PSY 412

\* There are alternative options to taking one of these courses. Other upper-level psychology labs may also satisfy the requirement or working in a psychology professor's research lab as part of a PSY 499 experience may count. These options must be approved in advance by a BAC Advisory Committee Member.

### **Rationale for Reducing the Hours Requirement for the BAC Applied Clinical Experience (PSY 412):**

The current requirement for PSY 412 includes a 500-hour, multi-semester field placement (practicum) in an agency that provides services to clients with substance use concerns. Students have been earning a total of 9 credit hours for this course. This is an invaluable experience which offers students a realistic perspective of the field of behavioral health and addictions. However:

- (1) A number of BAC students from previous years have dropped out of the program due to an inability to complete the required field placement hours prior to their identified graduation date. We definitely do not want to prolong students' graduation.
- (2) The students' feedback and internal program review has indicated that 10 hours per week for 2 semesters along with their other coursework is more manageable and still allows for a beneficial field experience.
- (3) The New Mexico Counseling and Therapy Practice Board, under the title of General Provisions states, "Practicum as it relates to the substance abuse counselor includes 300 hours in the 12 core functions".
- (4) At the time that the BAC program was first established it was believed that The New Mexico Counseling and Therapy Practice Board would allow our BAC students to apply the 500 clinical hours toward their LADAC (Licensed Alcohol and Drug Abuse Counselor) hours. We have more recently learned that the board is not allowing these hours to count toward the 2000 hours required for a LADAC because a student must have earned some type of degree (usually an associates) prior to accumulating the hours.

Consequently, it is felt that reducing the required hours from 500 to 300 (and to 6 credits hours) is an appropriate and timely change which will maximize the students' experience and increase program completion rates.



## FORM C Degree/Program Change

Anderson School of Management internal approval form

Name of Initiator: Megan Hearting Email: [mconner@unm.edu](mailto:mconner@unm.edu) Date: 10/6/2014

Phone: 7-0670 Initiator's Rank/Title: Student Success Manager

Associated Forms Exist: Yes  No

Faculty Contact: Robert Delcampo

Department: Executive MBA Program

Branch: Main Campus

Proposed effective term Semester: Fall Year: 2015

### Course Information

Circle Program: UG  XXGR

Name of new or existing program: Executive MBA

Select Category: Degree Major Minor XConcentration  
Certificate Emphasis Department Subject code  
UG Core Course

Degree type: Master's

Select Action: New XXRevision Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

### The Executive M.B.A. Program

The [Executive M.B.A. program](#) (E.M.B.A.) is an intensive, two-year course of study designed specifically for experienced business professionals who wish to enhance their managerial acumen, accelerate their career progression or pursue new opportunities. Because classes meet every other weekend, executives, professionals, middle managers and entrepreneurs are able to earn their master's degree without interrupting their careers. Classes are held every other weekend on Fridays from 1:00-6:00pm and Saturdays from 8:00am-1:00pm. Classes meet on the University of New Mexico's main campus.

Participants complete a lock-step curriculum consisting of **46** credit hours, with an emphasis on strategic management within the global economy. The curriculum is updated on a regular basis

Updated 7/2014, DFM

to reflect current business practices and is therefore subject to change. Faculty are drawn from the senior ranks of the Anderson School and are selected for their ability to challenge adult students and to facilitate the exchange of ideas and interaction in the classroom. A variety of teaching formats are used including the case method, group projects and peer learning through formal study teams. E.M.B.A. classes are limited to E.M.B.A. program participants.

The E.M.B.A. program sets its own all-inclusive cost each year to include tuition, books and fees. In addition, the program provides parking, refreshments and complete administrative support. Payments are prorated over the (7) seven semesters of the program; student loans are available. The only additional cost is for participation in the optional, 10-day residency abroad.

The E.M.B.A. program starts once each year in late June with a mandatory, two-day orientation. Applications are accepted year-round on a rolling admissions process. Candidates must have at least five years of significant work experience (managerial, supervisory, budgetary or project management) and hold an undergraduate degree in any field.

For consideration, applicants must submit the following: E.M.B.A. application form and fee, current resume, statement of purpose, official copies of all transcripts, official GMAT/GRE score (taken within the last five years) and three letters of recommendation, including one from the sponsoring organization. Once all of these items have been received, an interview with the program director is scheduled prior to final review by the Anderson School's selection committee. The best consideration deadline for the E.M.B.A. program is April 1. The early admission deadline is January 15.

For more information, contact:

E.M.B.A. Program  
Anderson School of Management  
MSC05 3090, 1 University of New Mexico  
Albuquerque, New Mexico 87131-0001  
(505) 277-2525  
(505) 277-0345 (FAX)  
email: [emba@unm.edu](mailto:emba@unm.edu)

**Previous requirements: 48 credit hours**

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No \_\_\_X\_\_\_

Reason(s) for request:

**Purpose of Change:**

- 1) Reduce number of total EMBA Hours – While the EMBA Faculty and Staff are looking toward long term solutions to modify the EMBA program to incorporate a more fully integrated program, for the incoming class of 2018, this schedule is an intermediary step for the class of 2017.
- 2) Accommodate International Residency Trip can be scheduled in a fall semester.

- 3) Increase participation in the International Residency trip and ensure all students benefit from a global perspective.

Statements that include justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications:

**Impact of Change and agreements:**

- 1) Elimination of MGMT 728 as core requirement.
- 2) MGMT 751, International residency would be a mandatory class. The international trip component may have qualified exceptions for not attending the trip, with the addition of alternative course work. This class would be developed and taught by international faculty.
- 3) International residency trip takes place in the fall semester.

\_\_\_\_\_  
Approved Dept. Chair      Date

\_\_\_\_\_  
Approved C & P Committee Chair      Date

\_\_\_\_\_  
Approved Associate Dean      Date

\_\_\_\_\_  
Submitted by      Date

## FORM C Degree/Program Change

Anderson School of Management internal approval form

Name of Initiator: Megan Hearting Email: [mconner@unm.edu](mailto:mconner@unm.edu) Date: 10/6/2014

Phone: 7-0670 Initiator's Rank/Title: Student Success Manager

Associated Forms Exist: Yes  No

Faculty Contact: Robert Delcampo

Department: Executive MBA Program

Branch: Main Campus

Proposed effective term Semester: Fall Year: 2015

### Course Information

Circle Program: UG  XXGR

Name of new or existing program: Executive MBA

Select Category: Degree Major Minor XConcentration

Certificate Emphasis Department Subject code

UG Core Course

Degree type: Master's

Select Action: New XXRevision Deletion Name Change

Exact Title and Requirements as they should appear in the catalog:

### The Executive M.B.A. Program

The [Executive M.B.A. program](#) (E.M.B.A.) is an intensive, two-year course of study designed specifically for experienced business professionals who wish to enhance their managerial acumen, accelerate their career progression or pursue new opportunities. Because classes meet every other weekend, executives, professionals, middle managers and entrepreneurs are able to earn their master's degree without interrupting their careers. Classes are held every other weekend on Fridays from 1:00-6:00pm and Saturdays from 8:00am-1:00pm. Classes meet on the University of New Mexico's main campus.

Participants complete a lock-step curriculum consisting of **46** credit hours, with an emphasis on strategic management within the global economy. The curriculum is updated on a regular basis

Updated 7/2014, DFM

to reflect current business practices and is therefore subject to change. Faculty are drawn from the senior ranks of the Anderson School and are selected for their ability to challenge adult students and to facilitate the exchange of ideas and interaction in the classroom. A variety of teaching formats are used including the case method, group projects and peer learning through formal study teams. E.M.B.A. classes are limited to E.M.B.A. program participants.

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The E.M.B.A. program starts once each year in late June with a mandatory, two-day orientation. Applications are accepted year-round on a rolling admissions process. Candidates must have at least five years of significant work experience (managerial, supervisory, budgetary or project management) and hold an undergraduate degree in any field.

For consideration, applicants must submit the following: E.M.B.A. application form and fee, current resume, statement of purpose, official copies of all transcripts, official GMAT/GRE score (taken within the last five years) and three letters of recommendation, including one from the sponsoring organization. Once all of these items have been received, an interview with the program director is scheduled prior to final review by the Anderson School's selection committee. The best consideration deadline for the E.M.B.A. program is April 1. The early admission deadline is January 15.

For more information, contact:

E.M.B.A. Program  
Anderson School of Management  
MSC05 3090, 1 University of New Mexico  
Albuquerque, New Mexico 87131-0001  
(505) 277-2525  
(505) 277-0345 (FAX)  
email: [emba@unm.edu](mailto:emba@unm.edu)

**Previous requirements: 48 credit hours**

Does this change affect other departmental program/branch campuses? Yes \_\_\_\_ No \_\_\_X\_\_\_

Reason(s) for request:

**Purpose of Change:**

- 1) Reduce number of total EMBA Hours – While the EMBA Faculty and Staff are looking toward long term solutions to modify the EMBA program to incorporate a more fully integrated program, for the incoming class of 2018, this schedule is an intermediary step for the class of 2017.
- 2) Accommodate International Residency Trip can be scheduled in a fall semester.

- 3) Increase participation in the International Residency trip and ensure all students benefit from a global perspective.

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**Impact of Change and agreements:**

- 1) Elimination of MGMT 728 as core requirement.
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- 3) International residency trip takes place in the fall semester.

\_\_\_\_\_  
Approved Dept. Chair      Date

\_\_\_\_\_  
Approved C & P Committee Chair      Date

\_\_\_\_\_  
Approved Associate Dean      Date

\_\_\_\_\_  
Submitted by      Date

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1478**

Fields marked with \* are required

**Name of Initiator:** Victor Wai Tung Law    **Email:** [vlaw@unm.edu](mailto:vlaw@unm.edu)    **Phone Number:** 505 277-2565    **Date:** 10-15-2014

Associated Forms exist? Yes

Initiator's Title Assistant Professor: Organization, Information, &

Faculty Contact Victor Law

Administrative Contact Linda Wood

Department Organization, Information, & Learning Sciences

Admin Email woodl@unm.edu

**Branch**

Admin Phone 277-4131

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Undergraduate Degree Program

Name of New or Existing Program Instructional Technology and Training Minor [NEW]

Select Category Minor  Degree Type

Select Action New

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Instructional Technology and Training Minor Requirements.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
see doc file

[Justifications of a Training and Instructional Technology Minor.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Faculty Load Implications for 2+2 minor.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

Students pursuing other majors, such as Business, Communication and Journalism, or Nursing, can benefit by obtaining a minor in Instructional Technology and Training. Many of the graduates will enter into professions that require them to train other people and use instructional technology. This minor will enhance the education of students and make them more marketable after they complete their degree.

The Program of Organization, Information, and Learning Sciences is hiring an additional faculty to lead the 2+2 Undergraduate Program (and the faculty hire has been approved by the Provost). The new faculty will be hired by Fall 2015. The additional enrollment from the minor should be able to be absorbed by the new faculty hire and the current OI&LS faculty.

### **Instructional Technology and Training Minor Requirements**

Students may earn a minor in Instructional Technology and Training by completing 18 credit hours in the following courses: OILS 466, OILS 471, OILS 473, OILS 483, and 6 credit hours in 300-400 level courses.

All departmental courses used to fulfill requirements in the minor must be completed with a grade of C or better.

Students pursuing other majors, such as Business, Communication and Journalism, or Nursing, can benefit by obtaining a minor in Instructional Technology and Training. Many of the graduates will enter into professions that require them to train other people and use instructional technology. This minor will enhance the education of students and make them more marketable after they complete their degree.

The Program of Organization, Information, and Learning Sciences is hiring an additional faculty to lead the 2+2 Undergraduate Program (and the faculty hire has been approved by the Provost). The new faculty will be hired by Fall 2015. The additional enrollment from the minor should be able to be absorbed by the new faculty hire and the current OI&LS faculty.



## **Reason for Request for English-Philosophy Change**

### **The minimum requirement is 45 credit hours including:**

1. Eighteen credit hours in English courses, 12 of which are to be numbered 300 or above. Recommended courses: ENGL 250, ENGL 410.
2. Eighteen credit hours in Philosophy courses, 12 of which are to be numbered 300 or above. Recommended courses: PHIL 156, at least one of 201 or 202, at least one of 352, 354 or 358.
3. Six credit hours additional of English or Philosophy numbered 300 or above.
4. ENGP 480.

We are requesting two changes such that the new text will read as follows (changed text is included in brackets):

### **The minimum requirement is 45 credit hours including:**

1. Eighteen credit hours in English courses, 12 of which are to be numbered 300 or above. Recommended courses: ENGL 250, ENGL 410.
2. Eighteen credit hours in Philosophy courses, 12 of which are to be numbered 300 or above. Recommended courses: PHIL 156 [and] at least one of 352, 354 or 358.
3. Six credit hours additional of English or Philosophy numbered 300 or above.
4. [PHIL 480].

### Reason for Request to #2

We are requesting that “at least one of 201 or 202” be deleted from the list of recommended Philosophy courses, because last year, and effective in the 2014-15 Catalog, PHIL 201 and PHIL 202 are included among the courses that students must complete to declare the English-Philosophy major. In particular, according to the 2014-15 Catalog, admission into the English-Philosophy major requires:

Completion of English-Philosophy Program admission coursework with grades of "C" or better:

- One ENGL course at 200-level or above.
- (PHIL 201 or PHIL 211) and PHIL 202.

Given this change, having PHIL 201 and PHIL 202 listed among the recommended courses no longer makes sense, since students will have already taken one of those two courses before declaring the English-Philosophy major.

### Reason for Request to #4

We are requesting that ENGPL 480 be changed to PHIL 480, because effective in the 2013-14 Catalog, ENGPL 480 was deleted from the Catalog and offered only as PHIL 480.

## **Reason for Request for English-Philosophy Change**

### **The minimum requirement is 45 credit hours including:**

1. Eighteen credit hours in English courses, 12 of which are to be numbered 300 or above. Recommended courses: ENGL 250, ENGL 410.
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3. Six credit hours additional of English or Philosophy numbered 300 or above.
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We are requesting two changes such that the new text will read as follows (changed text is included in brackets):

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3. Six credit hours additional of English or Philosophy numbered 300 or above.
4. [PHIL 480].

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Completion of English-Philosophy Program admission coursework with grades of "C" or better:

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- (PHIL 201 or PHIL 211) and PHIL 202.

Given this change, having PHIL 201 and PHIL 202 listed among the recommended courses no longer makes sense, since students will have already taken one of those two courses before declaring the English-Philosophy major.

### Reason for Request to #4

We are requesting that ENGPL 480 be changed to PHIL 480, because effective in the 2013-14 Catalog, ENGPL 480 was deleted from the Catalog and offered only as PHIL 480.

## **Justification for Revision of English-Philosophy Description**

### **Budgetary and Faculty Load Implications**

Both of the requested changes to the text of the English-Philosophy degree program are intended as clarifications that will make the entry consistent with other portions of the Catalog. Neither of the requested changes will have any impact on requirements for the major, and thus, they are no budgetary or faculty load implications associated with these changes.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1486**

Fields marked with \* are required

**Name of Initiator:** Victor Wai Tung Law    **Email:** [vlaw@unm.edu](mailto:vlaw@unm.edu)    **Phone Number:** 505 277-2565    **Date:** 10-19-2014

Associated Forms exist? Yes   
Initiator's Title Assistant Professor: Organization, Information, &  
Faculty Contact Victor Law    Administrative Contact Linda Wood  
Department Organization, Information, & Learning Science    Admin Email woodl@unm.edu  
**Branch**    Admin Phone 277-4131

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Undergraduate Degree Program   
Name of New or Existing Program BS Technology and Training  
Select Category Major  Degree Type B.S.  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Change to the 2+2 Program - Final.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
see doc file

[Justifications of the Change to the 2+2 Program.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Faculty Load Implications for 2+2 changes.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## Exact Title and Requirements as they should appear in the catalog

### Current Catalog:

### Curriculum

	General Education	49 credit hours
1.	<b>Writing and Speaking</b>	12 credit hours
	100/200-level CJ course	
	ENGL 101	
	ENGL 102	
	ENGL 219	
2.	<b>Mathematics</b>	6 credit hours
	(MATH 121 and above)	
3.	<b>Physical and Natural Science</b>	7 credit hours (with lab) minimum
	see Core Curriculum list	
4.	<b>Social and Behavioral Sciences</b>	9 credit hours
	ECON 105 or 106	

	SOC 101	
	PSY 105	
<b>5. Humanities</b>		6 credit hours minimum
	see Core Curriculum list; choose two from:	
	AMST 186; CLST 107, 204, 205; COMP 223, 224; ENGL 150, 292, 293; HIST 101; 102, 106, 162; MLNG 101; PHIL 101, 201, 202; RELG 107	
<b>6. Second Language</b>		3 credit hours minimum
	see Core Curriculum list	
<b>7. Fine Arts</b>		3 credit hours minimum
	see Core Curriculum list	
<b>8. Practical Arts</b>		3 credit hours minimum
	Computer Science	
<b>9. Arts and Sciences Elective</b>		

	(Credit transfers but not counted toward Technology and Training degree requirements)	
	<b>Management/Communication Skills</b>	<b>21 credit hours</b>
	from the following:	
	<b>1. Management</b>	
	MGMT 113 Management: An Introduction	
	MGMT 306 Organizational Behavior and Diversity	
	MGMT 307 Organization Change and Innovation	
	CJ 340 Communication in Organizations	
	<b>2. Communication and Journalism</b>	
	CJ 314 Intercultural Communication (required)	
	<b>and</b>	
	Select additional 6 credit hours from the following:	
	CJ 321 Interpersonal Analysis	
	CJ 323 Nonverbal Communication	
	CJ 327 Persuasive Communication	

	CJ 344 Interviewing	
	CJ 425 Theory of Small Group Communication	
	CJ 441 Advanced Organization Communication	
	CJ 443 Current Developments in Organizational Communication	
	CJ 446 Organizational Analysis and Training	
	<b>Technical Course Work</b>	<b>30 credit hours</b>
	(30 credit hours of community college technical course work) *	
	<b>Technology and Training</b>	
<b>1.</b>	<b>Theoretical Foundations</b>	6 credit hours
	OILS 466 Principles of Adult Learning	
	OILS 481 Technological Change and Society	
<b>2.</b>	<b>Instructional Technology</b>	9 credit hours
	OILS 320 Information Management for Professionals	
	OILS 420 Creativity and Technical Design	
	OILS 421 Production and Utilization of Instructional Materials	

	OILS 483 Instructional Applications: Computer Technology	
<b>3. Training</b>		15 credit hours
	OILS 470 Workplace Training	
	OILS 471 Designing Training	
	OILS 472 Training Techniques	
	OILS 473 Measuring Performance in Training	
	OILS 495 Field Experience	

\* OILS advisor approval required to transfer technical community college courses.

**Proposed Catalog Changes:**

**Curriculum**

	<b>General Education</b>	<b>37 credit hours</b>
<b>1. Writing and Speaking</b>		9 credit hours
	ENGL 101	
	ENGL 102	
	ENGL 219	

2.	<b>Mathematics</b>	3 credit hours
	(MATH 121 and above)	
3.	<b>Physical and Natural Science</b>	7 credit hours (with lab) minimum
	see Core Curriculum list	
4.	<b>Social and Behavioral Sciences</b>	6 credit hours
	Recommend SOC 101 and PSY 105	
5.	<b>Humanities</b>	6 credit hours minimum
	see Core Curriculum list; choose two from:	
	AMST 186; CLST 107, 204, 205; COMP 223, 224; ENGL 150, 292, 293; HIST 101; 102, 106, 162; MLNG 101; PHIL 101, 201, 202; RELG 107	
6.	<b>Second Language</b>	3 credit hours minimum
	see Core Curriculum list	
7.	<b>Fine Arts</b>	3 credit hours minimum

see Core Curriculum list	
<b>Management/Communication Skills</b>	<b>12 credit hours</b>
CJ 314 Intercultural Communication (required)	
Select additional 9 credit hours from the following:	
MGMT 113 Management: An Introduction	
CJ 221 Interpersonal Analysis	
CJ 340 Communication in Organizations	
CJ 323 Nonverbal Communication	
CJ 327 Persuasive Communication	
CJ 344 Interviewing	
CJ 332 Business & Professional Speaking	
CJ 333 Professional Communication	
CJ 446 Organizational Analysis and Training	
<b>Technical Course Work</b>	<b>30 credit hours</b>

	(30 credit hours of community college technical course work) *	
	<b>Instructional Technology and Training</b>	<b>42 credit hours</b>
<b>1.</b>	<b>Theoretical Foundations</b>	9 credit hours
	OILS 440 Survey of Human Resource Development and Instructional Technology	
	OILS 466 Principles of Adult Learning	
	OILS 481 Technological Change and Society	
<b>2.</b>	<b>Instructional Technology</b>	15 credit hours
	OILS 320 Information Management for Professionals	
	OILS 405 Management of eLearning Systems	
	OILS 420 Creativity and Technical Design	
	OILS 421 Production and Utilization of Instructional Materials	
	OILS 483 Instructional Applications: Computer Technology	
<b>3.</b>	<b>Training</b>	18 credit hours
	OILS 457 Leading the Training Organization	

OILS 470 Workplace Training	
OILS 471 Designing Training	
OILS 472 Training Techniques	
OILS 473 Measuring Performance in Training	
OILS 495 Field Experience	

**\* OILS advisor approval required to transfer technical community college courses.**

The Organization, Information and Learning Sciences Bachelor of Science Program has been on moratorium for several years. With the recent lifting of the moratorium in Spring 2014, the OI&LS Faculty recommends three changes to the B.S. program. First, the name of the program will be changed from “Technology and Training” to “Instructional Technology and Training”. Second, the Program of Study of the B.S. program will be changed. Third, the admission requirements of the B.S. program will be changed.

This Form C focuses on the name change of the Undergraduate Program. The name of the program will be changed to Instructional Technology and Training (ITT) to highlight the focus on instructional technology, and to clarify the use of technology in the context of instruction.

Two other Form C’s are submitted to address the program change and the admission change issues.

The Program of Organization, Information, and Learning Sciences is hiring an additional faculty to lead the 2+2 Undergraduate Program (and the faculty hire has been approved by the Provost). The new faculty will be hired by Fall 2015, and will teach the new OILS Undergraduate Courses include OILS 422, OILS 450, and OILS451. No faculty workload will be affected by this name change.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1490**

Fields marked with \* are required

**Name of Initiator:** Christine Sauer    **Email:** [sauer@unm.edu](mailto:sauer@unm.edu)    **Phone Number:** 505-277-1963    **Date:** 10-20-2014

Associated Forms exist? Yes  Initiator's Title European Studies Program Director  
Faculty Contact Christine Sauer    Administrative Contact Jazmin Knight  
Department International Studies Institute (ISI)    Admin Email jkknight@unm.edu  
Branch UNM Main Campus    Admin Phone 277-1991

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Undergraduate Degree Program   
Name of New or Existing Program BA European Studies  
Select Category Major  Degree Type BA  
Select Action Deletion

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

The European Studies (ES) program has been under a moratorium since Spring 2014. The deletion of the ES program was recommended in the Fall 2013 APR, and it has the approval of the ISI Executive Committee as well as the Dean of Arts and Sciences. The primary reason for the deletion is the decline in student interest in this major. For Fall 2014, there are only 2 ES majors.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[ES Program Deletion plan for current students Fall 2014.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**SUPPORTING DOCUMENTS FOR PROGRAM DELETION**  
**European Studies Program**  
**International Studies Institute**  
**College of Arts & Sciences**

**Submitted by Christine Sauer**  
**European Studies Program Director and Associate ISI Director**

**October 2014**

1. Justification, Impact on Long-Range Planning, Budget Analysis, and Faculty Workload Implications

The European Studies program has seen a decline in student numbers over the past 6-8 years that accelerated with the introduction of the BA in International Studies in 2009-2010. One of the recommendations from our Fall 2013 APR was to eliminate European Studies (ES) as a stand-alone program and accommodate students interested in Europe under the umbrella of the International Studies (IS) program. With approval from the ISI Executive Committee, the ES program was placed under a moratorium in Spring 2014 and slated for deletion in 2015-2016. Beginning in Fall 2015, the ES program will no longer accept new majors or minors. Current majors/minors, both declared and intended, will be allowed to graduate with a BA in European Studies until Spring 2017. As of Fall 2014, there are only two majors in the program. A plan for the completion of degree requirements by these students follows below.

The deletion of the ES program has no direct impact on long-range planning for the International Studies Institute, the College of Arts and Sciences, or the University.

In terms of budgetary implications, the elimination of the position of ES Program Director frees up \$1,000 in SAC that the College of Arts and Sciences plans to reallocate to the IS Program Director (and Associate ISI Director), who currently serves as the faculty advisor for 200+ IS majors and minors without a SAC.

There are no faculty workload implications since all ES courses are offered by various departments in the College of Arts of Sciences as well as other colleges or schools. Since European-themed courses count toward the language requirement (102, 201, 202 or equivalent) and the European area studies concentration (3 upper-division courses in Fine Arts, History, Literature/Philosophy, Social/Natural Sciences) in International Studies, faculty in affiliated departments who teach these courses will continue drawing students from their own disciplines as well as our interdisciplinary IS majors.

## 2. Plan for Completion of Degree Requirements by Current Students

Following a one-year moratorium, the European Studies Program is slated for deletion in 2015-2016. Based on current records, there are two students majoring in ES.

I have reviewed each student's case to assess their progress toward degree completion on the basis of their unofficial transcripts and LoboTrax degree audits. I also contacted and/or met with each student to discuss their options. The following table presents the resulting plans for completion of degree requirements for these students:

<b>Student</b>	<b>Banner ID</b>	<b>ES Status</b>	<b>Plan for Degree Completion</b>
Ramona Kreidl-Dear	100823096	Major (in A&S)	Needs to complete 3 more upper-division hours on Europe (elective) in Spring 2015 to complete BA in European Studies. Plans to graduate in May 2015.
Melissa Valenzuela	101546015	Major (in UC)	Needs to complete 9 more hours in Latin (LATN 102, 201, 202) and 3 more upper-division hours on Europe (elective) to complete BA in European Studies. Plans to graduate in May 2016. <b>NOTE: Students also needs to complete A&amp;S pre-admission requirements in Writing (ENGL 102) and Math to be admitted into College.</b>

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1492**

Fields marked with \* are required

**Name of Initiator:** Susanne Baackmann    **Email:** [theodor@unm.edu](mailto:theodor@unm.edu)    **Phone Number:** 505 277-3206    **Date:** 10-21-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
Branch     Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Major Study Changes.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

I. We are adding GRMN 405 to the required courses for the German major. Our assessment results have shown that students need an additional language class after GRMN 301 and GRMN 302 to reach the competency necessary to pursue literary and cultural studies in German. II. We are allowing GRMN 380/481 as substitutes for GRMN 301 or 302. German 380/481 are offered at the German Summer School and can be substituted for either our main campus offerings of German 301 or German 302 but not both. [This had been omitted in the program description].

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Justification Change in Major.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## **Current Catalog reads:**

### **Major Study Requirements**

30 credit hours of course work, to include the following: GRMN 301, 302, and 307 and two of the following: 305, 308 401 and 405. GRMN 410, or 470 taken at the German Summer School may substitute for either 301 or 302, but not both. The remaining credit hours may be selected from German courses above 300. Six of these credit hours may consist of approved German Studies courses in other programs. No more than 18 credit hours may be earned in courses offered at the German Summer School.

## **Proposed Changes**

### **Major Study Requirements**

30 credit hours of course work, to include the following: GRMN 301, 302, 307 and 405 and two of the following: 305, 308 and 401. GRMN 380, 410, 470 or 481 taken at the German Summer School may substitute for either 301 or 302, but not both. The remaining credit hours may be selected from German courses above 300. Six of these credit hours may consist of approved German Studies courses in other programs. No more than 18 credit hours may be earned in courses offered at the German Summer School.

There are no changes to the program since we are simply shifting one of the electives to the required courses.

The proposed changes have no impact on long range planning, the budget, or the faculty work load since courses are just rearranged, not added or deleted.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1494**

Fields marked with \* are required

**Name of Initiator:** Susanne Baackmann    **Email:** [theodor@unm.edu](mailto:theodor@unm.edu)    **Phone Number:** 505 277-3206    **Date:** 10-21-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
Branch     Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Change Second Major.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Justification Change 2.Major.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## **Current Catalog reads:**

### **Second Major Option**

Students who present two majors (German and another field) are required to complete 24 credit hours of course work in German, to include the following: 301, 302, 307, and two of the following: 305, 308 and 401. GRMN 410, or 470 taken at the German Summer School may substitute for either 301 or 302, but not both. The remaining credit hours may be selected from German courses above 300. Three of these hours may consist of approved German Studies courses in other programs.

No more than 12 credit hours may be earned in courses offered at the German Summer School.

## **Revisions:**

### **Second Major Option**

Students who present two majors (German and another field) are required to complete 24 credit hours of course work in German, to include the following: 301, 302, 307, 405 and two of the following: 305, 308 and 401. GRMN 380, 410, 470 or 481 taken at the German Summer School may substitute for either 301 or 302, but not both. The remaining credit hours may be selected from German courses above 300. Three of these hours may consist of approved German Studies courses in other programs.

No more than 12 credit hours may be earned in courses offered at the German Summer School.

There are no changes to the program since we are simply shifting one of the electives to the required courses.

The proposed changes have no impact on long range planning, the budget, or the faculty work load since courses are just rearranged, not added or deleted.



# Changes are in Red

## Biology

Robert D. Miller, Chairperson  
Castetter Hall 167A  
MSC03 2020  
1 University of New Mexico  
Albuquerque, NM 87131-0001  
(505) 277-3411

### Distinguished Professors

Eric S. Loker, Ph.D., Iowa State University  
Randy Thornhill, Ph.D., University of Michigan

### Regents Professor

Scott Collins, Ph.D., University of Oklahoma  
Margaret Werner-Washburne, Ph.D., University of Wisconsin (Madison)

### Professors

Joseph A. Cook, Ph.D., The University of New Mexico  
Richard M. Cripps, D.Phil., University of York  
Clifford N. Dahm, Ph.D., Oregon State University  
Timothy K. Lowrey, Ph.D., University of California (Berkeley)  
Diane L. Marshall, Ph.D., University of Texas  
Robert D. Miller, Ph.D., Thomas Jefferson University  
Bruce T. Milne, Ph.D., Rutgers University  
Donald O. Natvig, Ph.D., University of California (Berkeley)  
William T. Pockman, Ph.D., University of Utah  
David J. Schmidly, Ph.D., University of Illinois (Champaign/Urbana)  
Robert Sinsabaugh, Ph.D., Virginia Polytechnic Institute and State University  
Felisa Smith, Ph.D., University of California (Irvine)  
Howard L. Snell, Ph.D., Colorado State University  
Stephen A. Stricker, Ph.D., University of Washington  
Eric C. Toolson, Ph.D., Arizona State University  
Thomas Turner, Ph.D., Florida International University  
Robert Waide, Ph.D., University of Wisconsin (Madison)

### Associate Professors

Coenraad Adema, Ph.D., Free University (Amsterdam)  
Ulfar Bergthorsson, Ph.D., University of Rochester  
Charles Cunningham, Ph.D., University of Aberdeen, Scotland  
David Hanson, Ph.D., University of Wisconsin (Madison)

Marcy E. Litvak, Ph.D., University of Colorado  
Kelly Miller, Ph.D., Cornell University  
Steven Poe, Ph.D., University of Texas (Austin)  
Jennifer A. Rudgers, Ph.D., University of California (Davis)  
Cristina Takacs-Vesbach, Ph.D., Montana State University (Bozeman)  
Andreas Wagner, Ph.D., Yale University  
Kenneth D. Whitney, Ph.D., University of California (Davis)  
Blair Wolf, Ph.D., Arizona State University

### **Assistant Professors**

Vaishali Katju, Ph.D., Indiana University  
Christopher A. Johnston, Ph.D., University of North Carolina (Chapel Hill)  
Seth D. Newsome, Ph.D., University of California (Santa Cruz)  
Olga M.F. Pontes, Ph.D., Technical University of Lisbon  
Irene Salinas, Ph.D., University of Murcia  
Helen Wearing, Ph.D., Heriot-Watt University  
Christopher Witt, Ph.D., Louisiana State University

### **Lecturers**

Cara Lea Council-Garcia, M.S., Iowa State University  
Lee Couch, M.S., The University of New Mexico  
Bruce Hofkin, Ph.D., The University of New Mexico  
Kelly Howe, Ph.D., The University of New Mexico  
Marieken Shaner, M.S., University of New Mexico  
Jim Swan, M.S., Florida State University

### **Professors Emeriti**

J. Scott Altenbach, Ph.D., Colorado State University  
Oswald G. Baca Ph.D., University of Kansas  
Larry L. Barton, Ph.D., University of Nebraska  
James H. Brown, Ph.D., University of Michigan  
Earl W. Bourne, Ph.D., Oklahoma State University  
Eric L. Charnov, Ph.D., University of Washington  
Clifford S. Crawford, Ph.D., Washington State University  
William G. Degenhardt, Ph.D., Texas A&M University  
Howard J. Dittmer, Ph.D., State University of Iowa  
Donald W. Duszynski, Ph.D., Colorado State University  
James S. Findley, Ph.D., University of Kansas  
James R. Gosz, Ph.D., University of Arizona  
Gordon V. Johnson, Ph.D., University of Arizona  
Paul Kerkof, Ph.D., University of California (Berkeley)  
Astrid Kodric-Brown, Ph.D., University of Southern California  
J. David Ligon, Ph.D., University of Michigan  
Manuel C. Molles, Ph.D., University of Arizona  
Mary Anne Nelson, Ph.D., University of Colorado  
Loren D. Potter, Ph.D., University of Minnesota  
John Trujillo, Ph.D., University of Texas Medical Branch (Galveston)  
Kathryn G. Vogel, Ph.D., University of California (Los Angeles)

## **Introduction**

Students majoring in Biology learn about the basic organization, processes and dynamics of the living world. The program of study provides students with a liberal education emphasizing the life sciences. The many subdisciplines of biology can prepare students for a wide range of careers and professional schools.

## **Museum of Southwestern Biology**

The **Museum of Southwestern Biology (MSB)** is an integral part of the University of New Mexico Department of Biology. It contains collections of plants and animals of national and international significance. The MSB also maintains a division devoted to frozen tissues, which is among the largest in the world. The western research collections of the National Biological Service are integrated with those of the MSB. The museum concentrates on research and teaching and is not open to the public except by appointment. The MSB publishes two scholarly periodicals, *Occasional Papers* and *Special Publications*.

# Graduate Programs

## Graduate Advisor

Randy Thornhill

## Application Deadline

Priority Deadline: **January 3**. Applications will continue to be accepted until the class is filled.

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## Degrees Offered

### Master of Science

Biology

### Doctor of Philosophy

Biology

Areas of study: arid land ecology, behavioral ecology, botany, cellular and molecular biology, community ecology, comparative immunology, comparative physiology, computational biology, conservation biology, ecology, ecosystem ecology, evolutionary genetics, evolutionary biology, genomics, microbiology, molecular genetics, parasitology, physiology, physiological ecology, population biology, systematics, vertebrate and invertebrate zoology.

### Nanoscience and Microsystems Engineering M.S. and Ph.D. Degree Program

This department participates in the interdisciplinary Nanoscience and Microsystems Engineering program; for more information, see the Graduate Interdisciplinary Studies section of this catalog.

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## Admission

Students considering applying for graduate study are encouraged to write to the Department of Biology or consult our Web site for information and application material. Each applicant's course background is evaluated and emphasis is placed on the applicant's scholarship and research potential. Letters of reference are particularly important. The General Graduate Record Exam test scores are required. Each applicant must include a letter of intent stating the reasons for attending, goals and tentative academic area in which he/she hopes to work. All applicants must be sponsored by at least one member of the graduate faculty before admission to graduate study can be recommended by the Graduate Student Selection Committee.

The Department of Biology offers the Ph.D., M.S. Plan I (thesis option) and M.S. Plan II (non-thesis option). The M.S. Plan II is not a research degree and normally does not lead to work in the doctoral program. It is intended primarily for individuals who wish to supplement their

baccalaureate programs with additional course work. The M.S. Plan I is a research degree with the same philosophy as the Ph.D. It is not a prerequisite for the Ph.D. but may lead to work on that degree. Students whose ultimate goal is a Ph.D. are encouraged to consult with potential advisors within the department about applying directly to the Ph.D. program. The research degree is the heart of the graduate program. The Biology Department Graduate Handbook gives additional information on all aspects of the graduate program. The Department of Biology Graduate Handbook should be consulted by all students who have been admitted to the Program.

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## **Degree Requirements**

General requirements for the Ph.D. degree in Biology are presented in earlier pages of this catalog. In addition to the comprehensive and final examinations required by the Office of Graduate Studies, departmental requirements include a series of graduate core courses and a public final defense. At least one outside referee (extradepartmental) is mandatory for reviewing the dissertation and participating in the public final defense of dissertation. Formal experience in lecturing and laboratory direction under the supervision of a professor in an appropriate field is required. The candidate for the Ph.D. in certain fields of biology may carry on research for the dissertation at the Los Alamos National Laboratory, Lovelace Respiratory Research Institute, Sandia National Laboratories or Santa Fe Institute under the terms of an agreement for cooperation between the University of New Mexico and these institutions. Certain conditions have been specified for the acceptance of students for research at these institutions; each case is considered on an individual basis. Several researchers at all four institutions, as well as the U.S. Fish and Wildlife Service, the New Mexico Game and Fish Department, and the New Mexico Museum of Natural History, have adjunct faculty status in the Biology Department and may co-chair graduate student committees.

**M.S. I.** General requirements for this degree in biology are presented earlier in this catalog.

**M.S. II.** General requirements for this degree are presented earlier in this catalog. The program of studies is determined in consultation with the student's major advisor.

**Non-Biological Skills.** Candidates for both M.S. degrees are required to satisfy one non-biological skill, while Ph.D. candidates must satisfy two skill areas. Areas of non-biological tool skills include advanced training in mathematics and/or statistics, computer science, chemistry or biomedical instrumentation. A minimum of 6 credit hours per skill with a grade point average of 3.0 (B) or better can satisfy the requirement. Courses taken to meet the non-biological skill requirements cannot be counted toward semester hour credits required for graduate degrees. Tool skill requirements may also be met by demonstrating proficiency in consultation with a student's graduate committee.

### **Ph.D. Concentration in Integrated Biology**

Awarded to students who, in addition to satisfying the general requirements for a Ph.D. in Biology, satisfactorily complete three core Program in Interdisciplinary Biological and

Biomedical Sciences classes. These are: BIOL 520 (3 credit hours; also offered as ANTH 620, CS 520, ECE 620), BIOL 503 (3 credit hours), and BIOL 524 (3 credit hours; also offered as ANTH 624, CS 524, ECE 524, STAT 524). In addition, students must satisfactorily complete a post-doctoral preparatory course (1 credit hour; currently offered as BIOL 502), a scientific ethics course/seminar taught or approved by PiBBs, and two additional integrated courses outside of biology to demonstrate depth in a secondary discipline. Finally, students must establish an interdisciplinary doctoral dissertation committee, which should have co-mentorship or active participation by faculty from two or more different departments, including Biology.

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### **Ph.D. Minor in Integrative Biology**

The minor is awarded to students who satisfactorily complete three core classes offered by the Program in Interdisciplinary Biological and Biomedical Sciences (PiBBs). These are:

BIOL 520 (3 credit hours; also offered as ANTH 620, CS 520, ECE 620, STAT 520)  
BIOL 503 (3 credit hours; also offered as ANTH 560, CS 591, STAT 579, MATH 579)  
BIOL 524 (3 credit hours; also offered as ANTH 624, CS 524, ECE 524, STAT 524).

In addition, students must satisfactorily complete a post-doctoral preparatory course (1 hour; currently offered as BIOL 502), and a scientific ethics course/seminar taught or approved by PiBBs, along with two additional integrated courses in biology, or, for biology students, two additional integrated courses outside of biology to demonstrate depth in a secondary discipline.

Finally, students must establish an interdisciplinary doctoral dissertation committee, which should have co-mentorship or active participation by faculty from two or more different departments, including biology. A total of 16 credit hours are required for the award of a transcribed minor at the Ph.D. level.

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# Undergraduate Programs

## College of Arts and Sciences and Department of Biology Undergraduate Admission Requirements

A minimum of 26 credit hours; 23 credit hours must be in courses acceptable toward graduation.

A cumulative grade point average of at least 2.00 on all work.

- Transfer students must have a 2.0 transfer GPA.
- Continuing UNM students must have a 2.00 institutional GPA.

Demonstrated academic achievement by satisfying the following:

- Completion of the University Speaking and Writing Core.
- Completion of the University Mathematics Core.
- Completion of the University Foreign Language Core.

Completion of Department of Biology admission coursework with grades of "C" or better:

- BIOL 201L.
- CHEM 121.

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## Major Study Requirements

Majors in biology seeking a Bachelor of Science degree must satisfy the requirements given in sections 1, 2, and 3. Majors in biology seeking a Bachelor of Arts degree must satisfy the requirements given in sections 4 and 5. (BIOL. 110, 112L, 123, 124L and 239L are not allowed for biology major credit.). **No minor study is required for the Bachelor of Science.**

1. The B.S. Program requires a minimum of 37 credit hours earned in biology courses. These courses must include 201L, 202L, 203 and 203L, 204 and 204L; at least one of the following: 351 and 352L, 360L, 371L, 386L. The remainder hours are to be earned in elective biology courses. (BIOC 423 may be included.)
2. To satisfy an upper-division breadth requirement for the Biology B.S., each student must complete at least **four** 400-level courses that are spread across three of the following five categories: 1) Cell/Molecular (CM); 2) Physiology (PH); 3) Organismal (OR); 4) Ecology/Evolution (EE) or 5) Interdisciplinary Science (ID). Note: the category to which each eligible course belongs is listed in parentheses (CM, PH, OR, EE, or ID), and completing three of these courses from only one or two categories will NOT satisfy the breadth requirement.
3. Required Supportive Courses for the B. S.: MATH 180-181 or 162-163; PHYC 151-152 (or 160-161); CHEM 121, 123L, 122, 124L (or 131L-132L) and 301-303L (or 212). (For

those interested in microbiology, molecular/cellular biology, physiology or medicine, CHEM 301-303L and 302-304L are recommended.)

4. The B.A. Program requires a minimum of 32 credit hours earned in biology courses. These courses must include 201L, 202L, 203 and 203L, 204 and 204L. The remainder of the total required credit hours is to be earned in elective biology courses. The elective courses must include two upper-division courses (300 or 400 level) each of which carries at least 3 credit hours and is exclusive of BIOL 400, 402, and 499. (BIOC 423 may be included.) (BIOL 110, 112L, 123, 124L and 239L are not allowed for biology major credit.)
5. Required Supportive Courses for the B.A.: A total of seven semesters of math, physics, and chemistry courses must be completed from the following four sets of courses: 1) two semesters of math courses: (MATH 180 or MATH 162) and (MATH 181 or MATH 163 or STAT 145 or CS 150L); and 2) two semesters of physics courses: (PHYC 151 and 152) or (PHYC 160 and 161) or (PHYC 102 and E&PS 101); and 3) two semesters of general chemistry courses: (CHEM 121/123L and CHEM 122/124L) or (CHEM 131L and CHEM 132L); and 4) one semester of organic chemistry: (CHEM 301/303L or CHEM 212).

For both the B.A. and B.S., a grade of C or better is required for: i) the Biology core (201L, 202L, 203 and 203L, 204 and 204L), ii) all required supporting courses in Computer Sciences, Chemistry, Earth and Planetary Sciences, Mathematics, and Physics; and iii) all elective courses in Biology. No credit toward the major will be given for courses completed with a grade of C- or below. Transfer students must obtain 19 Biology credits at UNM for the B.S., or 16 credits for the B.A. Only Biology courses completed within the previous ten years will apply.

### **Areas of Study**

The courses offered by the Biology Department can be used to pursue specialized programs in the following areas: Botany, Computational Biology, Evolution/Ecology, Microbiology, Molecular/Cellular Biology, Physiology, Systematics, and Zoology. Departmental advisement is recommended for students who wish to complete one of these informal specializations. A formal concentration in Conservation biology is also offered (see below).

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### **Concentration in Conservation Biology\***

The growing emphasis on Conservation in the biological sciences supports this concentration. Students may receive either the Bachelor of Science or Bachelor of Arts degree in Biology with a concentration in Conservation Biology. The concentration provides students with a strong background in biology as well as the complementary interdisciplinary skills critical to understanding and addressing contemporary conservation questions.

Majors in biology seeking a Bachelor of Science degree with a concentration in Conservation Biology must satisfy the requirements given in sections 1, 2, 3 and 6. Majors in biology seeking

a Bachelor of Arts degree must satisfy the requirements in sections 4, 5, and 6. **No minor study is required for a B.S. with Concentration in Conservation Biology.**

1. The B.S. Program with a Concentration in Conservation Biology requires a minimum of 45 credit hours earned in biology courses. These courses must include: 201L, 202L, 203 and 203L, 204 and 204L, 310L, 360L, 379; at least one of the following: 351 and 352L, 371L, 386L. A minimum of 3 credit hours must be from the Conservation Biology Seminar 402.
2. To satisfy an upper-division breadth requirement for the Biology B.S., each student must complete at least three 400-level courses that are spread across three of the following five categories: 1) Cell/Molecular (CM); 2) Physiology (PH); 3) Organismal (OR); 4) Ecology/Evolution (EE) or 5) Interdisciplinary Science (ID). Note: the category to which each eligible course belongs is listed in parentheses (CM, PH, OR, EE, or ID), and completing three of these courses from only one or two categories will NOT satisfy the breadth requirement.
3. The B.A. Program with a concentration in Conservation Biology requires a minimum of 37 credit hours earned in biology courses. These courses must include: 201L, 202L, 203 and 203L, 204 and 204L, 310L, 360L, 379; and at least one of the following: 351 and 352L, 371L, 386L. A minimum of 3 credit hours must be from the Conservation Biology Seminar 402. A minimum of one 400-level course must be successfully completed.
4. Required Supportive Courses for the B. S.: MATH 180-181 or 162-163; PHYC 151-152 (or 160-161); CHEM 121, 123L, 122, 124L (or 131L-132L) and 301-303L (or 212). (For those interested in microbiology, molecular/cellular biology, physiology or medicine, CHEM 301-303L and 302-304L are recommended.)
5. Required Supportive Courses for the B.A.: A total of seven semesters of math, physics, and chemistry courses must be completed from the following four sets of courses: 1) two semesters of math courses: (MATH 180 or MATH 162) and (MATH 181 or MATH 163 or STAT 145 or CS 150L); and 2) two semesters of physics courses: (PHYC 151 and 152) or (PHYC 160 and 161) or (PHYC 102 and E&PS 101); and 3) two semesters of general chemistry courses: (CHEM 121/123L and CHEM 122/124L) or (CHEM 131L and CHEM 132L); and 4) one semester of organic chemistry: (CHEM 301/303L or CHEM 212).
6. Candidates for both the B.A. and the B.S. degrees in Biology with a concentration in Conservation Biology must take a minimum of 6 credit hours to be taken from a list of complementary interdisciplinary electives available from the department advisor.

Grade of C or better required in all of the above courses.

**\*NOTE:** Departmental advisement is required for students who wish to complete the concentration in Conservation Biology.

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## Minor Study Requirements

BIOL 201L, 202L, 203 and 203L, 204 and 204L, plus 6 additional hours of biology. (BIOL 110, 112L, 123, 124L, 239L, and 499 are not allowed for biology minor credit.)

Grade of C or better required in all courses counted for the minor. Transfer students must obtain 6 Biology credits at UNM.

### **Curricula Preparatory to Health Sciences**

See School of Medicine.

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### **Departmental Honors**

Students interested in the Biology Honors program must complete and submit the application form to the Biology Program Coordinator. Upon entering the honors program, the student's research must be approved by both members of the honors committee. Students ideally should apply for this program in their junior year.

1. Students pursuing Biology honors must form their honors committee consisting of two faculty members, a research advisor and a reader, as described below:
  - o • One committee member must be a member of the Biology core faculty. Students must register in the section of BIOL 400 taught by this faculty member.
  - o • The other committee member may also be selected from the Biology core faculty, or may be an adjunct, research, or regular faculty member at UNM with approval of the Biology Department Honors Program Chair.
2. One of the two honors committee members must be designated as the research advisor, usually the committee member with whom the student will conduct the majority of their research project.
  - o • The student will work with the research advisor to develop a program of independent research that results in the preparation and submission of an honors thesis and a formal presentation.
  - o • Students must submit their final thesis, approved by their honors committee, to the Biology Department Honors Program Coordinator by the end of the 5th week in the semester in which they intend to graduate.
3. The formal presentations can be an oral or poster presentation at the Biology Research Day or at an approved scientific venue. Presentations must also be submitted to the Biology Department Honors Program Coordinator by the 5th week in the semester in which they intend to graduate. Students may present up to the end of their graduating semester.
4. Enrollment in BIOL 400 is required for two semesters while in the Biology Department Honors Program. In addition to working on their project, students in BIOL 400 are required to participate in periodic meetings.
5. The Biology Department Honors Committee will consult with the student's committee to determine the level of honors to be awarded.

## Undergraduate Program Tab

## Proposal to drop minor requirement in Biology

In an effort to create a more equitable situation for the hundreds of Biology majors, the UNM Biology Department proposes to drop the requirement for a minor for a B.S. in Biology and require an additional upper level Biology course instead. The Biology faculty voted on this in Spring 2014 and overwhelmingly felt that this change would help biology students graduate, have no impact on the quality of the major, and be more equitable compared to other majors.

Reasoning for this change is as follows:

1. There are inconsistencies in required curricula across the college (Table 1). For example, the Biochemistry BA and BS degrees do not require that students complete a minor. The reason we were given is because both degrees require a large number of hours (62 hours required for the BA and 65 for the BS). The Biology BS degree currently requires 37 hours of Biology and 24 hours of supporting courses, for a total of 61 hours. This is only 1 less hour and yet students have to complete a minor as well. The easiest minor is chemistry, but it requires 8 additional hours of courses. The Chemistry BS degree allows for a distributed minor where students take one additional math course or technical writing, getting a minor with only 3 additional credits. We feel our students would get more out of taking an additional upper level Biology course.

Degree Program	In discipline	supportive	Total credit hours	Minor required	Additional hours for approved distributed minor
Biochemistry BS			65	no	
Biochemistry BA			62	no	
Chemistry BS	35	22	57		3(one additional course from Math 311, 314, 316 or Engl 219
EPS BS	43	32	75	no	included
EPS BA	37	16	53	yes	
ENVS BS	46	19	63	yes	14 hours
Biology BS	37	24	61	yes	no

2. Students will still be able to do a minor or a second major if they choose. By dropping the requirement for the minor, we are leaving it open for students to choose what will be best for them, e.g. doing a minor, or spending more time specializing in upper level courses. In addition, those trying to complete the Conservation Biology or Ecology and Evolution Concentrations will need more time for biology courses. Dropping the requirement for a minor will give them the extra time they need to do that.

3. Given that Arts and Sciences requirements have recently changed, students must take more upper division hours and need time in their curriculum to do so. Dropping the requirement for a minor in Biology will aid in this process.

4. Statewide and nationwide concerns exist about time to graduation. The length of time that students can get Pell grants has already decreased. It is very likely that the number of semesters that students can get the Lottery Scholarship will decrease. The funding formula is changing to pay for students completing degrees not just students taking courses. Dropping the requirement for a minor in Biology will not be a magic bullet, but will at least enable on-time graduation rates.

5. By dropping the minor, it will be possible for students to complete a BS in Biology in 120 hours

It will have no budgetary consequences for the Department because we have plenty of upper division courses for our students to take.

The one consequence outside the department might be to the Chemistry Department. The greatest number of Biology majors are Chemistry minors currently. Our expectation is that the number of students taking second semester organic chemistry will remain nearly the same because this is required for applications for medical school. Enrollment in Chemistry 253L, Quantitative Analysis, will likely decrease. However, the Chemistry Department has difficulty meeting needs for this course and can use any resources that are freed up to offer courses needed by their majors.

## Proposal to drop minor requirement in Biology

In an effort to create a more equitable situation for the hundreds of Biology majors, the UNM Biology Department proposes to drop the requirement for a minor for a B.S. in Biology and require an additional upper level Biology course instead. The Biology faculty voted on this in Spring 2014 and overwhelmingly felt that this change would help biology students graduate, have no impact on the quality of the major, and be more equitable compared to other majors.

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**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1498**

Fields marked with \* are required

**Name of Initiator:** Elizabeth Anne Castillo    **Email:** [esiletti@unm.edu](mailto:esiletti@unm.edu)    **Phone Number:** 505 277-5050  
**Date:** 10-22-2014

Associated Forms exist? Yes  Initiator's Title Admin Assistant 3: Sch Arch Planning Gen Admin  
Faculty Contact Claudia Isaac    Administrative Contact Claudia Isaac  
Department Community and Regional Planning    Admin Email cisaac@unm.edu  
Branch School of Architecture & Planning    Admin Phone 277-5939

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program (Dual Degree) MCRP/MALAS  
Select Category Degree  Degree Type Masters  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Proposed MCRP Course of Study for 15-16 Catalog.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

The following changes are proposed to the MCRP component of the MCRP/MALAS dual degree requirements in response to recommendations made during the most recent MCRP accreditation site visit, which occurred in January 2014. The Planning Accreditation Board recommended that the MCRP program reduce the total number of credit hours for its stand-alone graduate degree from 50 to 48. They also recommended the requirement of a spatial analysis component to the curriculum, which is explained in the attached document "Proposed MCRP Course of Study." These changes are being proposed to assist students in completing their degrees in a reasonable amount of time and to allow students more time to focus on their exit requirement, the thesis or professional project, during their third semester in the Program, which is the semester in which CRP 521 was typically completed. MCRP students will have more control over their academic opportunities by replacing a studio requirement with two competency requirements, where students will have the option of completing internships or projects, and completing spatial analysis courses or other work to demonstrate competency in the two proposed areas in consultation with their faculty advisor. The proposed changes include: 1) the deletion of the requirement in the MCRP Core of CRP 521, Advanced Planning Studio(5CH), to be replaced by demonstrated capacity in two competency areas as outlined in the attached document "Proposed MCRP Course of Study"; 2) the addition of 3CH to the electives total for the MCRP degree. This results in a net reduction from 50CH to 48CH for the MCRP stand-alone degree. These changes will affect other programs, as the MCRP Program has dual degree offerings with Latin American Studies, Public Administration, and Water Resources. SPECIAL NOTE: while the MCRP stand-alone degree will change from a 50CH degree to a 48CH degree, the MCRP/MALAS dual degree will retain its current credit hour total of 54CH for the dual degree. This will be accomplished by adding 5 credit hours of graduate elective course work to be taken in either the CRP or LAS programs, to go along with the deletion of the requirement of CRP 521 (5CH). Attached in this form are: 1) "Proposed MCRP Course of Study" (for the stand-alone degree), 2) "Proposed LAS section of Catalog for MALAS/MCRP" (for the dual degree), and 3) the CRP faculty load/budget justification.

[Proposed LAS section of Catalog.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Faculty load and budg justification for MCRP 102314.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**Proposed new MCRP "Course of Study and Degree Completion" catalog section, to appear in 2015-2016 catalog. Please note: in this document, changes and explanations of changes are highlighted in orange.**

## Course of Study and Degree Completion

The M.C.R.P. degree program is a two-year course of study for which a minimum of 48 credit hours is required. This program requires four parts for the completion of this degree: 48 credit hours of course work as indicated in the program of study; the Graduate Review; demonstrated competency in two areas described below; and a thesis or professional project to be presented in public.

Students enrolled in this program are allowed to take up to 12 credit hours at the graduate level in other UNM programs.

Incoming graduate students are required to have taken statistics and economics as prerequisites for this program. If a student has not taken these courses, they may take them simultaneously with their first semester of graduate course work in the program, and must have the prerequisites completed before beginning their second semester in the program.

## Required Graduate Courses

Core Course Requirements		Credit Hours
CRP 500	Planning Theory and Process	4
CRP 510	Planning Communication Workshop	2
CRP 511	Analytical Methods for Planning	4
<i>(Note: deletion of the requirement of CRP 521 (5CH), which previously was here-no associated Form A, as this studio will remain in the catalog)</i>		
CRP 545	Land Use Controls	3
-or-		
CRP 580	Community Growth and Land Use Planning	3
Total credit hours to meet Core Course Requirements		<b>13</b>

## Concentrations Course Requirements

- Students are required to select an area of concentration in Community Development, Natural Resources and Environmental Planning, or Physical Planning and Design.

- Students are required to take a concentration Foundations course (3 credit hours) and a second methods course (3 credit hours) from a cluster of course options in their concentration area.
- Total of 6 credit hours of Concentrations Requirements.

### Elective Course Requirements

- Students must take 21 credit hours of approved elective course work.
- Total of 21 credit hours of Electives

### Exit Course Requirements

	<b>Credit Hours</b>
CRP 588 Professional Project/Thesis Preparation Seminar Plan I	2
CRP 599 Master's Thesis -or- Plan II	6
CRP 589 Professional Project Total of 8 credit hours to meet Exit Requirements	6

**A total of 48 credit hours are required for completion of the M.C.R.P. Degree**

### The Graduate Review

The Graduate Review should take place at the student's request after the completion of 12 credit hours of graduate study but must take place before the student can enroll in the thesis/professional project preparation course. A faculty committee consisting of the student's advisor and one other CRP faculty member reviews the student's prior academic records, proposed Program of Studies, evidence of courses focused in a concentration, a Student Self-Assessment filled out by the student, and the thesis or professional project proposal. Assessment of the student's performance in the program to date and proposals for future work guide the committee's recommendations for the student's remaining efforts to complete the M.C.R.P. degree and the approval of the Program of Studies Form.

### Spatial Analysis and Professional Deliverable Competencies

Students in the MCRP Program must demonstrate competency in the following two areas. Students will have the option of completing internships or projects, and completing spatial analysis courses or other work to demonstrate competency in these areas. This requires faculty consultation to determine coursework or internships that help demonstrate each competency. This will require sign-off from students' advisors.

Competency 1. *Providing a real-time professional deliverable to a client.*

Competency 2. *Using spatial analysis to analyze planning problems and develop planning solutions.*

To fulfill Competency 2 (spatial analysis), students may complete either Introduction to GIS (CRP 583) OR GIS courses from other UNM departments, with faculty advisor approval. Students are responsible for consulting with their advisor regarding the best way to meet this requirement.

### **Thesis or Professional Project**

The thesis/professional project is a formal document prepared in consultation with the student's faculty committee and presented in public. The thesis/professional project committee, which is nominated by the candidate, evaluates the scope of the work, the quality of analysis and the content of the findings and/or recommendations. The committee also evaluates the student's understanding of his or her chosen field of study and area of concentration, as well as strengths in accomplishing graduate studies.

***Proposed new Latin American Studies catalog section "M.A. in Latin American Studies/M.C.R.P." to appear in 2015-2016 catalog. Please note: in this document, changes are highlighted in orange.***

**M.A. in Latin American Studies/M.C.R.P.:** The joint master's program in Latin American Studies and Community and Regional Planning is designed for students who are interested in the professional practice of planning in a Latin American context.

The Community and Regional Planning Program at the University of New Mexico is dedicated to planning and advocating for sustainable communities and ecosystems throughout the Southwest region and Latin America. Graduates of this dual degree program possess the knowledge and skills necessary to support planning by diverse human communities throughout the Western Hemisphere. Students in this dual degree program learn to assist Latin American communities to create community-based plans and programs that sustain and enhance their culture, resource base, built environment and economic vitality. The program promotes participatory processes that respond to community identities and development needs.

Prerequisites to the program are competence in either Spanish or Portuguese (at least two years of undergraduate course work or equivalent language training) and basic course work in economics (micro and/or macro) and statistics. Deficit courses in economics and statistics may be made up after admission to the program.

The program requires a minimum of 54 credit hours of graduate credit (compared to 72 credit hours if the two degrees were pursued separately). The required graduate credit hours include: 1) CRP 578, a 3 credit hour bridge seminar; 2) 22 credit hours of thesis and course work in Community and Regional Planning; 3) 24 credit hours of course work in Latin American Studies; and 4) 5 elective credit hours of either CRP or LAS graduate course work. For the 22 credit hours in Community and Regional Planning, students must complete CRP 500, 510, 511, 545 (or 580), 588, and 599. Students also must demonstrate capacity in two Community and Regional Planning competency areas, as determined in consultation with their advisors: 1) *Providing a real-time professional deliverable to a client*, and 2) *Using spatial analysis to analyze planning problems and develop planning solutions.* For the 24 credit hours in Latin American Studies, students must complete LTAM 510 Pro-Seminar in Latin American Studies, a minimum of 9 credit hours in each of two concentrations chosen from the following: Anthropology (with an emphasis in either Archaeology, Ethnology, or Human Evolutionary Ecology), Art History, (with an emphasis in either Pre-Columbian, Colonial, or Modern), Brazilian Literature and Culture, Brazilian Studies, Communication, Urbanism and Community Development, Economics, Gender Studies, History, Human Rights, International Management, Political Science, Religion and Philosophy, Sociology, Southwest Studies, Spanish American Literature, Spanish Linguistics and 3 credit hours of electives. The combination of areas must ensure that the program is interdisciplinary. For example, students selecting Anthropology with an emphasis in Archaeology as one concentration may not select Anthropology with an emphasis in Ethnology as the second concentration. Students also are required to have no more than one interdisciplinary concentration. For example, a student may not choose both Human Rights and Gender Studies. Each candidate is required to prepare a thesis (Plan I). The Master's examination consists of an oral examination at the final presentation of the thesis; this

examination includes coverage of the student's two concentrations in Latin American Studies. The student's Committee on Studies, comprised of at least two faculty members in one concentration and one faculty member from the second concentration, preside over the examination. The Chair of the Committee on Studies must be a faculty member from Community and Regional Planning.

Students must complete a minimum of 6 credit hours in graduate seminars numbered 500 or above (excluding 551 or 552 Problems courses). Students should consult with the Associate Director to determine which courses are considered seminars.

To maintain and improve language proficiency during graduate studies, students under both Plan I and II who are not concentrating in Brazilian Literature and Culture, Spanish American Literature, or Spanish Linguistics are required to take at least one appropriate language course. Students may choose from SPAN 307 or above; PORT 276 or above; or a course in one of Latin America's indigenous languages. If the course is available for graduate credit, it may count as one of the student's elective courses.

The elimination of the studio course (CRP 521) and its replacement with concentration elective credits will alleviate graduate faculty resource constraints and allow for more efficient faculty allocation to undergraduate and graduate teaching. The Form C requires no new coursework, and so will require no additional faculty or support budget.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1499**

Fields marked with \* are required

**Name of Initiator:** Elizabeth Anne Castillo    **Email:** [esiletti@unm.edu](mailto:esiletti@unm.edu)    **Phone Number:** 505 277-5050  
**Date:** 10-22-2014

Associated Forms exist? Yes  Initiator's Title Admin Assistant 3: Sch Arch Planning Gen Admin  
Faculty Contact Claudia Isaac    Administrative Contact Claudia Isaac  
Department Community and Regional Planning    Admin Email cisaac@unm.edu  
Branch School of Architecture & Planning    Admin Phone 277-5939

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program (Dual Degree) MCRP/MPA  
Select Category Degree  Degree Type Masters  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Proposed MCRP Course of Study for 15-16 Catalog.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

The following changes are proposed to the MCRP degree requirements in response to recommendations made during the most recent accreditation site visit, which occurred in January 2014. The Planning Accreditation Board recommended that the program reduce the total number of credit hours for the graduate degree from 50 to 48. They also recommended the requirement of a spatial analysis component to the curriculum, which is explained in the attached document "Proposed MCRP Course of Study." These changes are being proposed to assist students in completing their degrees in a reasonable amount of time and to allow students more time to focus on their exit requirement, the thesis or professional project, during their third semester in the Program, which is the semester in which CRP 521 was typically completed. MCRP students will have more control over their academic opportunities by replacing a studio requirement with two competency requirements, where students will have the option of completing internships or projects, and completing spatial analysis courses or other work to demonstrate competency in the two proposed areas in consultation with their faculty advisor. The proposed changes include: 1) the deletion of the requirement in the MCRP Core of CRP 521, Advanced Planning Studio(5CH), to be replaced by demonstrated capacity in two competency areas as outlined in the attached document "Proposed MCRP Course of Study"; 2) the addition of 3CH to the electives total for the MCRP degree. This results in a net reduction from 50CH to 48CH for the MCRP degree. These changes will affect other programs, as the MCRP Program has dual degree offerings with Latin American Studies, Public Administration, and Water Resources. SPECIAL NOTE RE: the dual degree MPA/MCRP: like the MCRP stand-alone degree, the MPA/MCRP dual degree will have a net reduction of total credit hours of 2CH, i.e. the dual degree credit hour total will change from 62CH to 60CH. See attached document "New CH summary for MPA-MCRP dual requirement." So, with the deletion of the 5CH CRP studio, the MPA/MCRP dual degree will add 3CH of additional electives to the degree. Please also note that within the Public Administration section the current (14-15) catalog, the language about the dual MPA/MCRP degree is general enough that it does not need to be changed. The attached MPA-MCRP CH summary is for illustrative purposes.

[New CH summary for MPA-MCRP dual requirement.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Faculty load and budg justification for MCRP 102314.pdf](#)

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**Proposed new MCRP "Course of Study and Degree Completion" catalog section, to appear in 2015-2016 catalog. Please note: in this document, changes and explanations of changes are highlighted in orange.**

## Course of Study and Degree Completion

The M.C.R.P. degree program is a two-year course of study for which a minimum of 48 credit hours is required. This program requires four parts for the completion of this degree: 48 credit hours of course work as indicated in the program of study; the Graduate Review; demonstrated competency in two areas described below; and a thesis or professional project to be presented in public.

Students enrolled in this program are allowed to take up to 12 credit hours at the graduate level in other UNM programs.

Incoming graduate students are required to have taken statistics and economics as prerequisites for this program. If a student has not taken these courses, they may take them simultaneously with their first semester of graduate course work in the program, and must have the prerequisites completed before beginning their second semester in the program.

## Required Graduate Courses

Core Course Requirements		Credit Hours
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CRP 545	Land Use Controls	3
-or-		
CRP 580	Community Growth and Land Use Planning	3
Total credit hours to meet Core Course Requirements		<b>13</b>

## Concentrations Course Requirements

- Students are required to select an area of concentration in Community Development, Natural Resources and Environmental Planning, or Physical Planning and Design.

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### Exit Course Requirements

	<b>Credit Hours</b>
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### **Spatial Analysis and Professional Deliverable Competencies**

Students in the MCRP Program must demonstrate competency in the following two areas. Students will have the option of completing internships or projects, and completing spatial analysis courses or other work to demonstrate competency in these areas. This requires faculty consultation to determine coursework or internships that help demonstrate each competency. This will require sign-off from students' advisors.

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### Dual Degree Program Checklist

#### MPA REQUIRED COURSES (24 credit hours)

Course	Semester/Yr	Grade
PADM 500: Public Management and Policy (3)		
PADM 521: Institutional Development and Behavior (3)		
PADM 522: Program Evaluation (3 hrs)		
PADM 525: Human Resources Management in the Public Sector (3)		
PADM 544: Public Budgeting and Finance (3)		
PADM 596: Analytic Methods for Public Managers (3)		
PADM Elective 1 (3)		
PADM Elective 2 (3)		

#### CRP REQUIRED COURSES (26 credit hours)

Course	Semester/Yr	Grade
CRP 500: Planning Theory and Process (4)		
CRP 510: Planning Communication Workshop (2)		
CRP 511: Analytical Methods for Planning (4)		
<del>CRP 521: Advanced Planning Studio (5)</del>		
CRP 545: Land Use Controls or CRP 580 or Community Growth and Land Use (3)		
CRP 588: Professional Project/ Thesis Preparation (2)		
Foundations Course (3)		
Second Methods Course (3)		

#### BRIDGE COURSE (3 credits)

Course	Semester/Yr	Grade
CRP 577/PADM 577: The Practice of Policy Development		

#### G. ELECTIVES (minimum ~~3~~<sup>6</sup> credit hours)

Course	Semester/Yr	Grade
Elective (PADM or CRP Elective)		

#### PROFESSIONAL /PROJECT or THESIS (6 credit hours)

Course	Semester/Yr	Grade
PROFESSIONAL /PROJECT or THESIS (6)		

TOTAL CREDIT HOURS: ~~62~~  
60

Approved by the CRP and PA Faculties: \_\_\_\_\_

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1500**

Fields marked with \* are required

**Name of Initiator:** Elizabeth Anne Castillo    **Email:** [esiletti@unm.edu](mailto:esiletti@unm.edu)    **Phone Number:** 505 277-5050  
**Date:** 10-22-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
**Branch**     Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Proposed MCRP Course of Study for 15-16 Catalog.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

The following changes are proposed to the MCRP degree requirements in response to recommendations made during the most recent accreditation site visit, which occurred in January 2014. The Planning Accreditation Board recommended that the program reduce the total number of credit hours for the graduate degree from 50 to 48. They also recommended the requirement of a spatial analysis component to the curriculum, which is explained in the attached document "Proposed MCRP Course of Study." These changes are being proposed to assist students in completing their degrees in a reasonable amount of time and to allow students more time to focus on their exit requirement, the thesis or professional project, during their third semester in the Program, which is the semester in which CRP 521 was typically completed. MCRP students will have more control over their academic opportunities by replacing a studio requirement with two competency requirements, where students will have the option of completing internships or projects, and completing spatial analysis courses or other work to demonstrate competency in the two proposed areas in consultation with their faculty advisor. The proposed changes include: 1) the deletion of the requirement in the MCRP Core of CRP 521, Advanced Planning Studio(5CH), to be replaced by demonstrated capacity in two competency areas as outlined in the attached document "Proposed MCRP Course of Study"; 2) the addition of 3CH to the electives total for the MCRP degree. This results in a net reduction from 50CH to 48CH for the MCRP degree. These changes will affect other programs, as the MCRP Program has dual degree offerings with Latin American Studies, Public Administration, and Water Resources. SPECIAL NOTE RE: the dual degree MWR/MCRP: like the MCRP stand-alone degree, the MWR/MCRP dual degree will have a net reduction of total credit hours of 2CH, i.e. the dual degree credit hour total will change from 59CH to 57CH. See attached document "Proposed MWR-MCRP dual degree credit hours for 2015-2016 catalog." So, with the deletion of the 5CH CRP studio, the MWR/MCRP dual degree will add 3CH of additional electives to the degree.

[Proposed MWR-MCRP dual degree credit hrs for 2015-2016 catalog.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Faculty load and budg justification for MCRP 102314.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**Proposed new MCRP "Course of Study and Degree Completion" catalog section, to appear in 2015-2016 catalog. Please note: in this document, changes and explanations of changes are highlighted in orange.**

## Course of Study and Degree Completion

The M.C.R.P. degree program is a two-year course of study for which a minimum of 48 credit hours is required. This program requires four parts for the completion of this degree: 48 credit hours of course work as indicated in the program of study; the Graduate Review; demonstrated competency in two areas described below; and a thesis or professional project to be presented in public.

Students enrolled in this program are allowed to take up to 12 credit hours at the graduate level in other UNM programs.

Incoming graduate students are required to have taken statistics and economics as prerequisites for this program. If a student has not taken these courses, they may take them simultaneously with their first semester of graduate course work in the program, and must have the prerequisites completed before beginning their second semester in the program.

## Required Graduate Courses

Core Course Requirements		Credit Hours
CRP 500	Planning Theory and Process	4
CRP 510	Planning Communication Workshop	2
CRP 511	Analytical Methods for Planning	4
<i>(Note: deletion of the requirement of CRP 521 (5CH), which previously was here-no associated Form A, as this studio will remain in the catalog)</i>		
CRP 545	Land Use Controls	3
-or-		
CRP 580	Community Growth and Land Use Planning	3
Total credit hours to meet Core Course Requirements		<b>13</b>

## Concentrations Course Requirements

- Students are required to select an area of concentration in Community Development, Natural Resources and Environmental Planning, or Physical Planning and Design.

- Students are required to take a concentration Foundations course (3 credit hours) and a second methods course (3 credit hours) from a cluster of course options in their concentration area.
- Total of 6 credit hours of Concentrations Requirements.

### Elective Course Requirements

- Students must take 21 credit hours of approved elective course work.
- Total of 21 credit hours of Electives

### Exit Course Requirements

	<b>Credit Hours</b>
CRP 588 Professional Project/Thesis Preparation Seminar Plan I	2
CRP 599 Master's Thesis -or- Plan II	6
CRP 589 Professional Project Total of 8 credit hours to meet Exit Requirements	6

**A total of 48 credit hours are required for completion of the M.C.R.P. Degree**

### The Graduate Review

The Graduate Review should take place at the student's request after the completion of 12 credit hours of graduate study but must take place before the student can enroll in the thesis/professional project preparation course. A faculty committee consisting of the student's advisor and one other CRP faculty member reviews the student's prior academic records, proposed Program of Studies, evidence of courses focused in a concentration, a Student Self-Assessment filled out by the student, and the thesis or professional project proposal. Assessment of the student's performance in the program to date and proposals for future work guide the committee's recommendations for the student's remaining efforts to complete the M.C.R.P. degree and the approval of the Program of Studies Form.

### Spatial Analysis and Professional Deliverable Competencies

Students in the MCRP Program must demonstrate competency in the following two areas. Students will have the option of completing internships or projects, and completing spatial analysis courses or other work to demonstrate competency in these areas. This requires faculty consultation to determine coursework or internships that help demonstrate each competency. This will require sign-off from students' advisors.

Competency 1. *Providing a real-time professional deliverable to a client.*

Competency 2. *Using spatial analysis to analyze planning problems and develop planning solutions.*

To fulfill Competency 2 (spatial analysis), students may complete either Introduction to GIS (CRP 583) OR GIS courses from other UNM departments, with faculty advisor approval. Students are responsible for consulting with their advisor regarding the best way to meet this requirement.

### **Thesis or Professional Project**

The thesis/professional project is a formal document prepared in consultation with the student's faculty committee and presented in public. The thesis/professional project committee, which is nominated by the candidate, evaluates the scope of the work, the quality of analysis and the content of the findings and/or recommendations. The committee also evaluates the student's understanding of his or her chosen field of study and area of concentration, as well as strengths in accomplishing graduate studies.

***Proposed new Water Resources catalog section containing the number of credit hours required for the MCRP/MWR dual degree, to appear in 2015-2016 catalog. Please note: in this document, changes are highlighted in orange.***

# Graduate Program

## Degree Offered

- **Master of Water Resources (M.W.R.)**  
Concentrations: Hydroscience; Policy and Management.

The Water Resources Program (WRP) offers the Master of Water Resources (M.W.R.) degree, an interdisciplinary professional degree designed to prepare students for careers in water resources. Applicants to the program must have a basic proficiency in at least one water-related discipline (defined rather broadly) such as engineering, sociology, management, public administration, environmental studies, economics, law, chemistry, planning, political science, geology, geography and biology, among others—or professional experience in the water field. The goal of the M.W.R. degree program is to expand and deepen students' knowledge of their primary disciplines and provide them with an integrated perspective on the importance of water in socio-economic and environmental contexts, improve their capacity for critical thinking and develop their technical and communication skills. UNM's location in the Southwest means that there is a focus on arid region water issues; however, the M.W.R. degree is designed to provide its students a firm grounding in water resources that is applicable to any region.

The M.W.R. degree is obtained by taking a sequence of courses in one of two concentrations: Hydroscience (HS) or Policy and Management (PM). The degree requirements consist of 39 credit hours: 36 credit hours of course work plus 3 credit hours for a professional project. The HS concentration is designed primarily for students with technical orientation in the physical and biological sciences and engineering. This concentration leads to further expertise in the technical aspects of water resources management. The PM concentration is intended for students with interests in the social and economic sciences, administration, and planning. This concentration develops the student's skills in the administrative, economic, and socio-political aspects of water resources management. The curriculum for each concentration is flexible, enabling a student to design a course of study that achieves his/her career objectives with guidance from his/her advisor and graduate committee.

The Water Resources Program and the Department of Community and Regional Planning have created a program of studies leading to the dual degrees of M.W.R. and Master of Community and Regional Planning (M.C.R.P.). This program consists of **51 credits** of classes in Community and Regional Planning, Water Resources, and related subjects, and 6 credits of thesis or project. Details can be found at the [Water Resources Program Web site](#). Students interested in other dual degree options should contact the Director.

The Water Resources Program faculty is drawn from six schools (Law, Engineering, Medicine, Public Administration, Architecture and Planning, Medicine) and the College of Arts and

Sciences. The Program is administered by a Program Committee drawn from the faculty and a Director, who functions as a department chair.

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The elimination of the studio course (CRP 521) and its replacement with concentration elective credits will alleviate graduate faculty resource constraints and allow for more efficient faculty allocation to undergraduate and graduate teaching. The Form C requires no new coursework, and so will require no additional faculty or support budget.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1501**

Fields marked with \* are required

**Name of Initiator:** Shawnee Martinez    **Email:** [sjmartin@unm.edu](mailto:sjmartin@unm.edu)    **Phone Number:** 505 277-2135    **Date:** 10-23-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
Branch     Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.  
See current catalog for format within the respective college (upload a doc/pdf file)

[Option III catalog sjm edits on 2 16 15.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C text - Stats 145.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## Option III: Health, Medicine and Human Values Major: Biomedical Sciences Concentration

(B.A.)

This option emphasizes intensive study in the mathematics and physical/ natural sciences. Students in Option III must complete the Health, Medicine and Human Values seminars; the Community Health Practica; a **64** credit hour Pre-Medical Sciences Core; and 18 upper-division credit hours of distributed group requirements and electives, as described below.

	<b>Credit Hours</b>
<b>1. Health, Medicine and Human Values Seminars (15 credit hours)</b>	
(See "Joint Requirements" above.)	15
<b>2. Community Health Practica (6 credit hours)</b>	
(See "Joint Requirements) above.)	6
<b>3. Pre-Medical Sciences Core (64 credit hours)</b>	
• Calculus & Statistics: MATH 180 and 181 and STAT 145	9
• General Biology: BIOL 201L, 202L, 203L and 204L	16
• General Chemistry: CHEM 121/123L and 122/124L	8
• Organic Chemistry: CHEM 301/303L and 302/304L	8
• Physics: PHYC 151/151L and 152/152L	8

	<ul style="list-style-type: none"> <li>Biochemistry: BIOC 423</li> </ul>	3
	<ul style="list-style-type: none"> <li>Anatomy &amp; Physiology: BIOL 237/247L and 238/248L</li> </ul>	8
	<ul style="list-style-type: none"> <li>Microbiology for Health Sciences and Non-Majors: BIOL 239L</li> </ul>	4
	<b>4. Upper Division Electives (18 credit hours)</b>	
	<p>The Biomedical Sciences concentration requires an additional 18 credit hours of course work in 300 to 400 upper-division courses distributed across the Arts and Sciences Group categories.</p>	

This program change will not result in any changes to long-term planning, or to faculty load or budgetary implications to the BA/MD or the other departments with which we share joint-appointment faculty. The BA/MD Program requires Statistics 145 of all our HMMV Option I & II students. This change makes Statistics 145 mandatory for any student pursuing option III as well. (The Option III track has a higher concentration of basic science courses than Option II, which focuses more on the humanities and social sciences. Option I is any available major in the College of Arts and Sciences.) This change simply makes Statistics 145 mandatory for all BA/MD students.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1502**

Fields marked with \* are required

**Name of Initiator:** Victor Wai Tung Law    **Email:** [vlaw@unm.edu](mailto:vlaw@unm.edu)    **Phone Number:** 505 277-2565    **Date:** 10-23-2014

Associated Forms exist? Yes   
Initiator's Title Assistant Professor: Organization, Information, &  
Faculty Contact Victor Law    Administrative Contact Linda Wood  
Department Organization, Information, & Learning Sciences    Admin Email woodl@unm.edu  
Branch    Admin Phone 277-4131

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program BS Technology and Training  
Select Category  Degree Type BS  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Name Change to the 2+2 Program.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
see attached doc.

[Justifications of the Change to the 2+2 Program.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Faculty Load Implications for 2+2 changes.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## Exact Title and Requirements as they should appear in the catalog

### Current Catalog:

The name of the degree in the UNM catalog under the Baccalaureate Degree Programs will be changed from Technology and Training (B.S.) to Instructional Technology and Training (B.S.)

The Undergraduate Program page will also be changed. The current catalog is shown as the following:

### Technology and Training (2+2 Program) Major and Degree

This program enables students who have completed an associate degree at a community college to complete a bachelor's degree at UNM. Admission requirements include an earned A.A.S. degree in an approved technical discipline or a completed approved program of studies demonstrating a specific technical emphasis with a minimum 2.5 GPA overall.

### Bachelor of Science in Technology and Training

#### Student contact information:

Linda Wood

Zimmerman Library Room 242

(505)-277-4131 [woodl@unm.edu](mailto:woodl@unm.edu)

### Proposed Catalog Changes:

Instructional Technology and Training (B.S.)

### Instructional Technology and Training (2+2 Program) Major and Degree

This program enables students who have completed an associate degree at a community college to complete a bachelor's degree at UNM. Admission requirements include

- Earned Associate Degree in an approved technical discipline

Or

Complete approved program of studies demonstrating a specific technical emphasis

- 2.75 overall GPA
- Letter of Intent is required
- Recommend an interview with an OI&LS Faculty member.

## **Bachelor of Science in Instructional Technology and Training**

### **Student contact information:**

Amy Vance

Zimmerman Library Room 241

(505)-277-2137 [avance1@unm.edu](mailto:avance1@unm.edu)

The Organization, Information and Learning Sciences Bachelor of Science Program has been on moratorium for several years. With the recent lifting of the moratorium in Spring 2014, the OI&LS Faculty recommends three changes to the B.S. program. First, the name of the program will be changed from “Technology and Training” to “Instructional Technology and Training”. Second, the Program of Study of the B.S. program will be changed. Third, the admission requirements of the B.S. program will be changed.

This Form C focuses on the name change of the Undergraduate Program. The name of the program will be changed to Instructional Technology and Training (ITT) to highlight the focus on instructional technology, and to clarify the use of technology in the context of instruction.

Two other Form C’s are submitted to address the program change and the admission change issues.

The Program of Organization, Information, and Learning Sciences is hiring an additional faculty to lead the 2+2 Undergraduate Program (and the faculty hire has been approved by the Provost). The new faculty will be hired by Fall 2015, and will teach the new OILS Undergraduate Courses include OILS 422, OILS 450, and OILS451. No faculty workload will be affected by this name change.



## CURRENT CATALOG

### M.F.A. in Dramatic Writing

For the student preparing to enter the profession of writing for the stage and media the department offers the M.F.A. in Dramatic Writing. The focus of the program is the creation of new work for the stage, the media and the classroom.

#### Required Courses

##### Graduate Core:

THEA 500	Introduction to Graduate Studies	3
THEA 503	Performance Theory	3
THEA 506	Critical Issues in the Performing Arts	3
THEA 512	Topics Seminar in Theatre	3
	<b>Subtotal:</b>	<b>12</b>

##### Writing Core:

THEA 555	Dramatic Writing I	8
THEA 556	Dramatic Writing II	8
THEA 557	The Writer's Stage	8
THEA 558	Screenwriting	6
THEA 559	Topics in Dramatic Writing	6
	<b>Subtotal:</b>	<b>36</b>

Elective Courses		6
THEA 699	M.F.A. Dissertation	6

**Minimum hours required for degree: 60 hours**

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#### Qualifying Review

After completing 20 hours of graduate credit the student will submit all writing completed since entering the program. A committee of review with 3–5 members will be appointed by the Department's graduate committee. This committee will be composed of individuals with expertise in writing both in and outside the department. To continue in the second year of the M.F.A. program, all students must receive a pass on the promise of their writing. Students will be notified before the start of the Fall semester. The review will be the occasion for a comprehensive review of the student's work to that point and a frank evaluation of his or her promise in the profession. Three options are open to the M.F.A. Graduate Committee at this point: 1) continuation in the M.F.A. program; 2) dismissal from the graduate program; or 3) the committee may request the work be resubmitted after addressing a specific set of concerns. Resubmissions must be completed and rereviewed before the beginning of the Fall semester. Students may have a maximum of two tries to pass this review.

## **Advancement to Candidacy and Comprehensive Examination**

After successfully completing 30 hours of graduate work, including completion of one full cycle of the writing core: 555, 556 and 557, all students will take a comprehensive examination at the end of their fourth semester of study. This examination will cover the areas of knowledge explored in the required core courses. Once the Comprehensive Examination is passed the student will submit the Application for Candidacy to the Office of Graduate Studies. If approved the Dean of Graduate Studies will formally advance the student to Candidacy.

## **Requirements for Graduation**

The Master of Fine Arts degree requires a minimum of 60 hours of work, no more than 24 of which can be transferred from other programs—either from within the University of New Mexico or elsewhere. In addition, the candidate must have:

1. completed no fewer than 42 graduate hours in residency at the University of New Mexico;
2. completed 12 hours of a "core" curriculum, plus the remainder of the recommended sequence withing the program and passed a Comprehensive Examination on the "core" curriculum;
3. completed a minimum of six complete scripts to the satisfaction of the M.F.A. Committee;
4. have at least three scripts produced in a forum suitable to the M.F.A. Committee. These might include: Concert Readings; The Writer's Stage; Experimental Theatre Series; University Theatre season productions (at the University of New Mexico or elsewhere); Professional Productions.

## **M.F.A. Dissertation**

The M.F.A. Dissertation is the major work, full length play or screenplay written in the final year of the candidate's program. It is written in the course of the final year's work in 555 and 556. The Dissertation work must be presented in 557 Writer's Stage in the final semester in a public presentation which can take the form of a staged concert reading or, given questions of merit and availability of facilities, a more comprehensive presentation.

The play or screenplay must be accompanied by an essay that addresses such topics as the creative process which lies behind the work's development, the research done for the Dissertation work, and presents an analysis of the issues and meaning embodied in the Dissertation work.

In addition to the Dissertation work the successful M.F.A. candidate must complete the following works to graduate: four scripts (two full length plays, one full length screenplay, one short screen or stage piece).

## REQUESTED CHANGES

### M.F.A. in Dramatic Writing

For the student preparing to enter the profession of writing for the stage and media the department offers the M.F.A. in Dramatic Writing. The focus of the program is the creation of new work for the stage, the media and the classroom.

#### Required Courses

##### Graduate Core:

THEA 500	Introduction to Graduate Studies	3
THEA 503	Performance Theory	3
THEA 506	Critical Issues in the Performing Arts	3
THEA 512	Topics Seminar in Theatre	3 (Remove)
	<b>Subtotal:</b>	<b>9 (lower hours to 9)</b>

##### Writing Core:

THEA 555	Dramatic Writing I	8
THEA 556	Dramatic Writing II	8
THEA 557	The Writer's Stage	8
THEA 558	Screenwriting	6
THEA 559	Topics in Dramatic Writing	6
	<b>Subtotal:</b>	<b>36</b>

##### Elective Courses

 9 (increase to 9 hours)

THEA 699	M.F.A. Dissertation	6
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**Minimum hours required for degree: 60 hours**

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#### Qualifying Review

After completing 20 hours of graduate credit the student will submit all writing completed since entering the program. A committee of review with 3–5 members will be appointed by the Department's graduate committee. This committee will be composed of individuals with expertise in writing both in and outside the department. To continue in the second year of the M.F.A. program, all students must receive a pass on the promise of their writing. Students will be notified before the start of the Fall semester. The review will be the occasion for a comprehensive review of the student's work to that point and a frank evaluation of his or her promise in the profession. Three options are open to the M.F.A. Graduate Committee at this point: 1) continuation in the M.F.A. program; 2) dismissal from the graduate program; or 3) the committee may request the work be resubmitted after addressing a specific set of concerns. Resubmissions must be completed and rereviewed before the beginning of the Fall semester. Students may have a maximum of two tries to pass this review.

## **Advancement to Candidacy and Comprehensive Examination**

After successfully completing 30 hours of graduate work, including completion of one full cycle of the writing core: 555, 556 and 557, all students will take a comprehensive examination at the end of their fourth semester of study. This examination will cover the areas of knowledge explored in the required core courses. Once the Comprehensive Examination is passed the student will submit the Application for Candidacy to the Office of Graduate Studies. If approved the Dean of Graduate Studies will formally advance the student to Candidacy.

## **Requirements for Graduation**

The Master of Fine Arts degree requires a minimum of 60 hours of work, no more than 24 of which can be transferred from other programs—either from within the University of New Mexico or elsewhere. In addition, the candidate must have:

1. completed no fewer than 42 graduate hours in residency at the University of New Mexico;
2. completed 9 hours of a "core" curriculum, plus the remainder of the recommended sequence withing the program and passed a Comprehensive Examination on the "core" curriculum;
3. completed a minimum of six complete scripts to the satisfaction of the M.F.A. Committee;
4. have at least three scripts produced in a forum suitable to the M.F.A. Committee. These might include: Concert Readings; The Writer's Stage; Experimental Theatre Series; University Theatre season productions (at the University of New Mexico or elsewhere); Professional Productions.

## **M.F.A. Dissertation**

The M.F.A. Dissertation is the major work, full length play or screenplay written in the final year of the candidate's program. It is written in the course of the final year's work in 555 and 556. The Dissertation work must be presented in 557 Writer's Stage in the final semester in a public presentation which can take the form of a staged concert reading or, given questions of merit and availability of facilities, a more comprehensive presentation.

The play or screenplay must be accompanied by an essay that addresses such topics as the creative process which lies behind the work's development, the research done for the Dissertation work, and presents an analysis of the issues and meaning embodied in the Dissertation work.

In addition to the Dissertation work the successful M.F.A. candidate must complete the following works to graduate: four scripts (two full length plays, one full length screenplay, one short screen or stage piece).

### **Form C MFA Dramatic Writing**

The department is realigning its graduate core classes in relation to faculty teaching loads, broader learning goals, and program matriculation.

The graduate faculty and department chair have determined that Thea 512 is not a necessary core requirement as it has been similar in course content (special topics) to Thea 506, and is only utilized by two of the four graduate degree tracks (one of which is on hold awaiting funding). Additionally the faculty believes that our graduate students in the arts need a larger interdisciplinary focus in todays world. 512 will be replaced in the two graduate programs with elective credits.

The budget will not be affected by this change.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1511**

Fields marked with \* are required

**Name of Initiator:** Victor Wai Tung Law    **Email:** [vlaw@unm.edu](mailto:vlaw@unm.edu)    **Phone Number:** 505 277-2565    **Date:** 10-26-2014

Associated Forms exist? Yes    
Initiator's Title Assistant Professor: Organization, Information, &  
Faculty Contact Victor Law    Administrative Contact Linda Wood  
Department Organization, Information, & Learning Sciences    Admin Email woodl@unm.edu  
Branch    Admin Phone 277-4131

**Proposed effective term**

Semester   Year

**Course Information**

Select Appropriate Program    
Name of New or Existing Program BS Technology and Training  
Select Category   Degree Type B.S.  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[2+2 Admission Change.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

[Justifications of the Admission Change to the 2+2 Program.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Faculty Load Implications for 2+2 admission changes.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## **Exact Title and Requirements as they should appear in the catalog**

### **Current Catalog:**

## **Technology and Training (2+2 Program) Major and Degree**

This program enables students who have completed an associate degree at a community college to complete a bachelor's degree at UNM. Admission requirements include an earned A.A.S. degree in an approved technical discipline or a completed approved program of studies demonstrating a specific technical emphasis with a minimum 2.5 GPA overall.

### **Proposed Catalog Changes:**

## **Instructional Technology and Training (2+2 Program) Major and Degree**

This program enables students who have completed an associate degree at a community college to complete a bachelor's degree at UNM. Admission requirements include

- Earned Associate Degree in an approved technical discipline

Or

Complete approved program of studies demonstrating a specific technical emphasis

- 2.75 overall GPA
- Letter of Intent is required
- Recommend an interview with an OI&LS Faculty member.

The Organization, Information and Learning Sciences Bachelor of Science Program has been on moratorium for several years. With the recent lifting of the moratorium in Spring 2014, the OI&LS Faculty recommends three changes to the B.S. program. First, the name of the program will be changed from “Technology and Training” to “Instructional Technology and Training”. Second, the Program of Study of the B.S. program will be changed. Third, the admission requirements of the B.S. program will be changed.

This Form C focuses on the admission change of the Undergraduate Program. A few admission changes are proposed.

1. The OILS faculty propose to increase the GPA requirements from 2.5 to 2.75.
2. The OILS faculty propose to require a letter of intent in the admission package.
3. The OILS faculty propose to recommend an interview with an OI&LS faculty in the admission process

The OI&LS faculty found that some of the 2+2 undergraduate students were under prepared. Therefore, the OI&LS faculty decided to propose a change to the admission requirements.

Two other Form C’s are submitted to address the name change and the program change issues.

The Program of Organization, Information, and Learning Sciences is hiring an additional faculty to lead the 2+2 Undergraduate Program (and the faculty hire has been approved by the Provost). The new faculty will manage the admission process for the Undergraduate Program. No faculty workload will be affected by this admission change.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1513**

Fields marked with \* are required

**Name of Initiator:** Cristina Takacs    **Email:** [cvesbach@unm.edu](mailto:cvesbach@unm.edu)    **Phone Number:** 505 277-3418    **Date:** 10-27-2014

Associated Forms exist? No ▼

Initiator's Title Associate Professor: AS Biology General Administra

Faculty Contact Cristina Takacs-Vesbach  
Department Biology

Administrative Contact Marcy Litvak

Admin Email mlitvak@unm.edu

Branch Albuquerque, Main Campus

Admin Phone 7-5580

**Proposed effective term**

Semester Fall ▼ Year 2015 ▼

**Course Information**

Select Appropriate Program Undergraduate Degree Program ▼

Name of New or Existing Program BS Biology - Biotechnology Concentration

Select Category Concentration ▼ Degree Type B.S.

Select Action New ▼

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Biotechnology Concentration catalogentry revised12\\_14.docx](#)

[Biotechnology Concentration.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

See File uploaded under Justification

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[biotech\\_concentration UNM CNM final.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## **Biotechnology Concentration**

Students earning the Biotechnology A.S. degree and Biotechnology Certificate at CNM may receive a Bachelor of Science degree in Biology with a concentration in Biotechnology. The concentration in Biotechnology will provide students with specific laboratory skills required for employment in biological and health professions, and make graduates more competitive and successful candidates for admission into graduate programs around the country. The concentration is based on existing CNM Biotechnology coursework and the curriculum is designed to meet competencies common to biotechnology programs around the nation and to be responsive to industry needs.

Majors in biology seeking a Bachelor of Science degree with a concentration in Biotechnology must satisfy the requirements given below in sections 1-5.

1. The B.S. program with a concentration in Biotechnology requires a minimum of 45 credit hours earned in biology courses. These courses must include: 201L, 202L, 203 and 203L, 204 and 204L; at least one of the following: 351 and 352L, 371L, 386L.
2. At CNM the curriculum includes 11 credit hours encompassed within three laboratory-based classes. The three classes are taught in sequential order, starting in the summer semester (Term 1 - BIOT 1020: Biotechnology Lab Techniques I), continuing in the fall semester (Term 2 – BIOT 2110: Biotechnology Lab Techniques II) and culminating the following spring semester (Term 3 – BIOT 2210: Biotechnology Lab Techniques III). These courses will transfer to UNM as BIOL 220 Biotechnology Lab Techniques I (4 credits), 221 Biotechnology Lab Techniques II (4 credits), and 222 Biotechnology Lab Techniques III (3 credits).
3. To satisfy an upper-division breadth requirement for the Biology B.S., each student must complete at least four 400-level courses that are spread across three of the following five categories: 1) Cell/Molecular (CM); 2) Physiology (PH); 3) Organismal (OR); 4) Ecology/Evolution (EE) or 5) Interdisciplinary Science (ID). Note: the category to which each eligible course belongs is listed in parentheses (CM, PH, OR, EE, or ID), and completing three of these courses from only one or two categories does NOT satisfy the breadth requirement.
4. Required Supportive Courses for the B.S.: MATH 180-181 or 162-163; PHYC 151-152 (or 160-161); CHEM 121, 123L, 122, 124L (or 131L-132L) and 301-303L (or 212). (For those interested in microbiology, molecular/cellular biology, physiology or medicine, CHEM 301-303L and 302-304L are recommended.)
5. Candidates for the B.S. degrees in Biology with a concentration in Biotechnology must take a minimum of 6 credit hours to be taken from a list of complementary interdisciplinary electives available from the department advisor.

- BIOL 110, 112L, 123, 124L, 136 and 239L do not count toward a biology major.
- A course fulfilling one requirement cannot be used towards another (e.g., no double-dipping); although each BIOL 419 section is considered a different course, if it has a different instructor/title.
- Student must verify that course work meets with requirements for a B.S. in Biology.
- Grade of C or better required in all of the above courses.
- Transfer students must complete at least 19 credit hours of biology course work at UNM.

**\*NOTE:** Departmental advisement is required for students who wish to complete the concentration in Biotechnology.

## **Biotechnology Concentration**

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3. To satisfy an upper-division breadth requirement for the Biology B.S., each student must complete at least three 400-level courses that are spread across three of the following five categories: 1) Cell/Molecular (CM); 2) Physiology (PH); 3) Organismal (OR); 4) Ecology/Evolution (EE) or 5) Interdisciplinary Science (ID). Note: the category to which each eligible course belongs is listed in parentheses (CM, PH, OR, EE, or ID), and completing three of these courses from only one or two categories does NOT satisfy the breadth requirement.

4. Required Supportive Courses for the B.S.: MATH 180-181 or 162-163; PHYC 151-152 (or 160-161); CHEM 121, 123L, 122, 124L (or 131L-132L) and 301-303L (or 212). (For those interested in microbiology, molecular/cellular biology, physiology or medicine, CHEM 301-303L and 302-304L are recommended.)

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**\*NOTE:** Departmental advisement is required for students who wish to complete the concentration in Biotechnology.

# **Preliminary Review and Proposal Outline for a new Biotechnology Concentration in Biology**

## **1. Program Description**

UNM Biology and CNM would like to propose the creation of a new concentration in Biotechnology under the Bachelor of Science degree in Biology. All coursework for the concentration will be completed at CNM and will transfer in its entirety to UNM. This Biotechnology concentration will provide students with the bench skills that most traditional undergraduate Biology graduates are lacking. The acquisition of these specific skills will not only make UNM's Biology graduates more marketable candidates for jobs in biological and health professions, but also more competitive and successful candidates for admission into graduate programs around the country.

The creation of this concentration will serve UNM and CNM in a very specific way: the Biotechnology program is currently struggling since many of the students in the program do not complete the degree requirements. Most of the students are transferring into a 4 year bachelor's degree program and continuing their education. Since this is a pattern that students are already choosing, it is sensible to provide the students with this very useful education in a form that fits their current behavior. If we can tailor a concentration to the student needs, we will enjoy a higher completion rate and be able to salvage this very useful program. At the same time, our UNM graduates will gain employable skills and earn credit towards their UNM BS degree.

The creation of this concentration will serve UNM in some very concrete ways as well:

- UNM Biology will be able to create a new concentration at no cost to the department
- UNM Biology students will have a low cost opportunity to strengthen their credentials
- UNM Biology students will enjoy a competitive edge when seeking jobs in the biotechnology and health sciences sector, both locally and nationally.
- CNM students will be recruited into a program that will lead directly to a UNM program, thus working as a recruiting tool for UNM enrollment. Many students who begin at CNM, with its open enrollment policy, would never fulfill admission requirements at UNM. This certificate could represent a way of recruiting and preparing non-traditional students for entry into UNM and thereby bolster UNM's enrollment
- This certificate could set a precedent for a new model in higher education: community colleges offering certificates that can seamlessly transfer into 4 year schools as concentrations. The potential for innovation is especially strong in the Career Technical fields. For generations, students in Career Technical disciplines have had to virtually begin their academic careers anew if they changed career goals at some point and decided to pursue a traditional academic course of study. The existence of skills focused certificates that can transfer into traditional 4 year degree programs as concentrations provides a vehicle whereby students

will not be forced to waste time and effort in community college programs that have been typically classified as “terminal” and designed only for workforce placement.

Representatives of both CNM and UNM have worked to outline a strategy for integrating the Biotechnology coursework into the UNM Biology degree as a concentration. This strategy was developed with the support of the UNM Biology Department Chair, Dr. Rob Miller, and unanimous approval of the Biology undergraduate policy committee. This proposal was reviewed and approved by the Associate Provost for Curriculum, Dr. Greg Heileman, in October 2014. The current UNM Biology degree can accommodate 11 credit hours of Biotechnology coursework in transfer from CNM and all 11 hours will count toward the degree requirements. To accommodate the 11 hours of Biotechnology from CNM, UNM must create new catalog courses that will serve to accept transfer credit from CNM. In addition, any coursework completed at UNM that can be used to satisfy the CNM Biotechnology Certificate and/or Associate’s degree will be accepted for transfer credit. UNM must also navigate the particular challenges of creating a new concentration, which may require that students declare a minor within the degree. CNM’s challenge has been to create the new curriculum for the 11 hours of coursework that will provide the students with the requisite skills and abilities. Upon completion of these respective tasks and approval by both institutions’ curriculum bodies, CNM and UNM will engage in cooperative efforts for advertising, advising and recruiting students into the program.

The Biotechnology courses are already approved as part of a transfer Associates degree with UNM, however, this concentration allows UNM students to directly supplement their UNM degree and more seamlessly reflect their Biotechnology skills into their UNM Biology degree. Assuming timely approval by UNM, the program would be implemented beginning Fall 2015.

## 2. Evidence of Need

- a. **Student Demand:** In the last 5 years, 37% of students completing the Biotech Program were concurrent UNM-CNM students (the vast majority were full time at UNM, taking Biotech classes at CNM). These numbers indicate that there is a demand among UNM students for the skills taught by CNM’s Biotech Program. An additional 44% of CNM students completing the program transferred into UNM (or another 4 year bachelor’s degree program) in order to continue their education. Since this is a pattern that students are already choosing, it is sensible to provide the students with this very useful education in a form that fits their current behavior. All UNM students or those planning to transfer to UNM have expressed a desire to both gain employable skills and earn credit towards their UNM BS degree.
- b. **Recruiting:** Recruiting for the Biotech Program at UNM is done using a combination of classroom visits by CNM Biotech faculty, promotion from UNM student organizations (SACNAS, for example), the Biotechnology Program

website, and e-mail communications to potential students. Creation of the Biotech concentration will create a powerful recruiting tool as it will allow UNM students to reflect their Biotechnology skills in their UNM Biology degree. CNM will seek assistance from UNM faculty and advisors to share information about the Biotech Program to potential students.

- c. **Other Biotechnology Programs:** CNM's Biotechnology Program is currently the only such program in the state of New Mexico. Only three other states in the US do not have biotech programs: South Dakota, Alaska and Wyoming. (Biotechnology Degree Guide.org 2014) The loss of this program would be the loss of a significance resource to students interested in the field as well as future employers and their need for qualified employees.
  - d. **Demand for Graduates:** The biotechnology industry hires employees at all levels of education beginning with high school graduates through Ph.D. scientists. Several potential employers in the Albuquerque area, including the University of New Mexico, Lovelace Respiratory Research Institute and Tri-Core currently hire A.S. degree students. These employers, however, also have need of B.S.-level employees for technical or certification reasons. Employers often provide three to six months of post-degree training in technical skills and competencies for the employee to perform the duties and responsibilities of the positions. Because research scientists often conduct the training, employers expressed interest in the availability of bachelors-level technicians who already have technical skills and competencies in the laboratory.
- The Biotechnology Industry in New Mexico remains stable. Active efforts are underway to increase the presence of the Biotechnology Industry here in New Mexico, and a prepared workforce is a vital part of that effort (New Mexico Bio Medical and Biotechnical Association 2014).
  - A Needs Survey was conducted by CNM in 2009 in support of the creation of the Biotechnology Post-Baccalaureate Certificate. Ten employer surveys, representing 7 different institutions or companies in New Mexico (Including UNM, LRRRI and LANL) suggested that there is a continuing need for trained bachelors-level Laboratory Technicians in central New Mexico, both immediately and in the near future. Nearly all respondents expected their need for technicians or technologists to continue to grow.
    - o Almost all respondents said it has been "somewhat" or "very" difficult to recruit and hire qualified Laboratory Technicians. Several emphasized the difficulty in hiring "qualified" individuals.
    - o All respondents said there was at least "some" shortage of Laboratory Technicians, half said that was a "serious" or "critical" shortage. Again, several noted that the shortage was of "qualified" personnel.

- Respondents were split between requiring an Associate's Degree versus a Bachelor's degree for the type of formal training currently required for Laboratory Technicians or Technologists. However, 7 of 10 respondents said they preferred Laboratory Technicians or Technologists to possess a Bachelor's Degree.
  - All respondents said they supported the development of a post-baccalaureate Biotechnology Certificate at CNM.
  - There is a continuing need for Laboratory Technicians in central New Mexico, both immediately and in the near future. Nearly all respondents expected their need for technicians or technologists to grow within the next 5 years.
  - Almost all respondents said they would anticipate hiring CNM bachelors-level Biotechnology graduates in the future.
- A recent nationwide survey of Biotechnology employers found that 74% of job postings are looking for candidates with at least a bachelor's degree (Monster.com on behalf of the Biotechnology Industry Organization 2014).

### 3. Program Content and Quality

**Curriculum:** The curriculum for the proposed Biotechnology concentration is based on existing CNM Biotechnology coursework. This curriculum is designed to meet competencies common to programs around the nation and to be responsive to industry needs. The curriculum includes 11 credit hours encompassed within three laboratory-based classes. The three classes are taught in sequential order, starting in the summer semester (Term 1 - BIOT 1020: Biotechnology Lab Techniques I), continuing in the fall semester (Term 2 – BIOT 2110: Biotechnology Lab Techniques II) and culminating the following spring semester (Term 3 – BIOT 2210: Biotechnology Lab Techniques III). *Please see Appendix A for course descriptions.*

The Biotechnology courses which will make up the Biotechnology concentration already make up the core of the Biotechnology A.S. degree and Biotechnology Certificate. These courses were developed in 2013/2014 by revising existing Biotechnology coursework and have been designed to maximize student's knowledge of the field and hands-on laboratory experience while fitting into the 11 credit hours available under the UNM Biology degree. It is expected that student pursuing the Biotechnology coursework will have already taken/or currently taking all required Biology, Biochemistry, Mathematics and Chemistry courses. Therefore, the focus of the courses is hands-on laboratory based learning supplemented with lecture and discussions.

As no new courses will be created, it is anticipated that there will be no impact on existing UNM or CNM courses.

- a. **Learning Outcomes:** Learning outcomes have been developed for all three Biotechnology courses – *Please see Appendix B for detailed learning outcomes.* Program competencies for the Biotechnology Program are as follows:

**Upon completion of the Biotechnology coursework students will have the ability to:**

**Quality Control:** Demonstrate the ability to follow standard operating procedures, keep accurate records, and perform equipment validation in the laboratory.

**Safety:** Demonstrate an understanding of basic laboratory safety and the handling and disposal of biological, and chemical wastes.

**Nucleic Acids:** Demonstrate an understanding of the basic properties of nucleic acids, as well as, techniques used to isolate, purify, and analyze these molecules.

**Proteins:** Demonstrate an understanding of the basic properties of proteins, as well as, techniques used to isolate, purify, and analyze these molecules.

**Computer Skills:** Demonstrate command of basic bioinformatics skills used to perform literature searches and characterize nucleic acids and proteins.

- b. **Instructional Model:** The Biotechnology coursework is focused on giving students hands-on laboratory skills, and the majority of class time is devoted to providing students with those experiences. Hands-on learning is supplemented with lectures, in-class discussions of scientific literature and current topics in Biotechnology and on-line bioinformatics/proteomics assignments.
- c. **Accreditation:** At this time, national certification or accreditation for biotechnology programs and biotechnicians are not available. However, CNM's Biotechnology Program, like most community college biotechnology programs, have developed curriculums utilizing skills and content standards from documents including the *National Bioscience Industry Skill Standards* (<http://www2.edc.org/bec/standards/industrystds.htm>) and *National Science Education Standards* (<http://www.education-world.com/standards/national/science/index.shtml>). Occupational, academic and employability skills for the biotechnology industry have been identified via the Austin Competency Analysis Profile (ACAP's) ([www.bio-link.org/docs/finalreport.doc](http://www.bio-link.org/docs/finalreport.doc)). These competencies have been identified by business and industry experts.

The Biotechnology Program is guided by an Advisory Board made up of stakeholders from the biotechnology industry in the Albuquerque and Santa Fe areas and include potential employers (scientists/researchers and HR professionals), articulation partners and economic development representatives.

The Advisory Board meets once a year to review the program's curriculum, goals, internships and employment opportunities.

#### 4. Evaluation and Assessment

The Biotechnology coursework is part of an existing cycle of assessment that is ongoing at CNM. Results will be shared annually with the UNM Biology assessment team for inclusion in our program reports. Student competencies are measured throughout the Biotechnology Program at the knowledge, skill and behavioral levels using CNM's established Student Academic Achievement Committee (SAAC) reports using the following general guidelines:

- Instruments will be identified or developed to monitor knowledge, skills and behavioral attributes for the program graduates.
- Criteria levels to demonstrate competency will be established.
- Progress in meeting criteria will be monitored annually.
- Based upon the results of this assessment, action plans will be developed and implemented.
- Effectiveness of action plan implementation will be evaluated annually

Briefly, program competencies are linked to the learning outcomes for each course. Specific learning outcomes are measured by a series of data points (embedded exam questions, etc.) and are measured in at least one course, but usually in all three. Data can be compared from one semester to the next (as students move from introduction to repetition to mastery of the skill) as well as from one cohort to the next (i.e. class of 2012 versus class of 2013). Action plans are created for competencies in which students do not achieve the desired outcome.

Measurement tools include in-class exams, lab practical exams, on-line assignments and a final comprehensive exam. The achievement target is 80% or better of students demonstrating satisfactory knowledge of the program outcome. "Satisfactory knowledge" is defined as earning 75% or greater of available points on a given embedded question.

5. **Required Resources** No additional funding is required or requested for the Biotechnology Concentration. All costs associated with the concentration, including personnel, contract services, equipment, travel and training will be covered by the existing CNM budget available for the Biotechnology Program.

**Faculty:** Existing CNM full-time and part-time faculty will teach the biotechnology courses.

**Cost to Students:** Additional student expenses associated with the Biotechnology courses are minimal – students are required to purchase a lab coat and laboratory

notebook. Certificate credits at UNM will not represent additional tuition needed to graduate.

## **6. Projected Enrollment and Costs**

It is projected that with existing interest from CNM students and the creation of the concentration under the UNM Biology degree the Biotechnology Program will reach and sustain full enrollment (24 students) in the Fall of 2015.

No additional funding is required or requested for the Biotechnology Concentration. All costs associated with the concentration, including personnel, contract services, equipment, travel and training will be covered by the existing CNM budget available for the Biotechnology Program.

## **Appendix A: Course Descriptions for Biotechnology Coursework**

### **BIOT 1020 Biotechnology Lab Techniques I 4 credit hours**

**Prerequisites: Bio 1510/1592, Chem 1710, Chem 1792; Pre or Corequisites: Bio 1610/1692, Chem 1810, Chem 1892** Provides theory and experience in laboratory safety and measurement, solution making, bacterial transformations and cloning, recombinant DNA, gel electrophoresis, tissue culture and basic bioinformatics skills. Current issues and topics related to biotechnology will be explored.

### **BIOT 2010 Biotechnology Lab Techniques II 4 credit hours**

**Prerequisite: BIOT I** Provides theory and experience with protocols used to characterize and manipulate nucleic acids. Builds on techniques learned in Biotechnology I. Techniques include DNA isolation and quantification, PCR, qPCR, gel electrophoresis, recombinant DNA technology, cloning, DNA sequencing, site-directed mutagenesis, tissue culture, and basic bioinformatics skills. Current issues and topics related to biotechnology will be explored.

### **BIOT 2210 Biotechnology Lab Techniques III 3 credit hours**

**Prerequisite: BIOT II** Provides theory and experience with protocols used to characterize and manipulate nucleic acids and proteins. Builds on techniques learned in Biotechnology II. Techniques include RNA and protein isolation and quantification, RT-PCR, RNA interference, mammalian transfections, polyacrylamide gel electrophoresis, 2-D gel analysis, Western blotting, ELISAs, and basic bioinformatics and proteomics skills. Current issues and topics related to biotechnology will be explored.

## Appendix B. Learning Outcomes for Biotechnology Coursework

### Term 1 – Biotechnology I (BIOT 1020):

#### Outcome #1: Discuss the elements of laboratory safety

##### Components:

- a. Explain the four types of laboratory safety controls including how they are designed to keep laboratory workers safe
- b. Identify individuals and organizations responsible for workplace safety
- c. Recognize chemical, biological and physical hazards present in the biotechnology lab
- d. Demonstrate the safe handling, labeling and disposal of chemical, biological and physical hazards

#### Outcome #2: Demonstrate techniques of laboratory measurement.

##### Components:

- a. Explain the units of measurement used in the biotechnology laboratory
- b. Define key terminology used in measurement and solution making
- c. Demonstrate appropriate selection and usage of appropriate instruments for measurements based on the application they will be used for
- d. Demonstrate the ability to accurately use pipet-aids (serological pipets), micropipettors, and electronic balances

#### Outcome #3: Demonstrate the preparation of solutions.

##### Components:

- a. Solve basic equations used in making solutions including:
  - mass/volume solutions
  - percent solution
  - molar solutions
  - making dilute solutions using a concentrated stock
- b. Demonstrate the basic steps used in solution making including technical considerations and safety
- c. Demonstrate the ability to accurately use pH meters

#### Outcome #4: Perform a bacterial transformation with plasmid DNA.

##### Components:

- a. Explain the fundamentals of bacterial transformation
- b. Define plasmid or vector DNA
- c. Explain and utilize antibiotic selection
- d. Demonstrate correct standard practices used in working with bacteria
- e. Perform a bacterial transformation experiment and interpret results
- f. Calculate the transfection efficiency of a bacterial transformation.

#### Outcome #5: Utilize a mini-prep to extract plasmid DNA from bacteria

##### Components:

- a. Explain the purpose of a mini-prep
- b. Explain the function of the major steps in an alkyllysis mini-prep
- c. Perform a mini-prep

#### Outcome #6: Utilize restriction enzymes to perform a restriction digest

- a. Explain what restriction enzymes are and how they are used in the biotechnology laboratory
- b. Demonstrate an understanding of the technical considerations associated with using restriction enzymes, both singly and in a double digest
- c. Utilize restriction enzymes to cut lambda DNA and plasmid DNA

#### Outcome #7: Perform agarose gel electrophoresis

##### Components:

- a. Explain how gel electrophoresis is used to separate macromolecules

- b. Demonstrate an understanding of how DNA migrates through an agarose gel and factors which can influence its' mobility
- c. Explain the use of loading dye, ethidium bromide and DNA size markers or ladders in gel electrophoresis
- d. Prepare and run agarose gels of different percentage
- e. Interpret agarose gel results and properly label a gel photograph

**Outcome #8: Perform a basic subcloning experiment.**

**Components:**

- a. Define subcloning
- b. Utilize previously taught skills to move a gene from one plasmid to another
- c. Interpret results from subcloning experiment

**Outcome #9: Perform a ligation reaction**

**Components:**

- a. Describe the use of ligations and their importance in recombinant DNA
- b. Explain the chemical reaction involved in ligation and identify required reaction components
- c. Utilize a ligation reaction in a cloning experiment

**Outcome #10: Demonstrate Cell Culture Techniques**

**Components:**

- a. Define cell culture
- b. Explain the usage of different cell lines, including immortalized and primary cells lines
- c. Demonstrate knowledge of the proper selection, preparation and storage of media
- d. Calculate quantities of reagents needed to formulate media
- e. Describe important technical considerations associated with performing cell culture
- f. Perform basic cell culture tasks, including:
  - Starting cells
  - Feeding cells
  - Splitting & counting cells
  - Harvesting cells
- g. Utilize an on-line database to search for cell lines and appropriate growth media

**Outcome #11: Utilize online resources to perform basic bioinformatics tasks.**

**Components:**

- a. Utilize PubMed to search for scientific papers by author, date, subject and relevance
- b. Utilize an on-line search program to perform a basic restriction enzyme search and design a basic subcloning experiment

**Outcome#12: Discuss the history and the current state of the field of biotechnology**

**Components:**

- a. Define biotechnology
- b. Describe the many scientific disciplines that contribute to biotechnology
- c. Provide examples of historic applications of biotechnology
- d. Describe different types of biotechnology and their applications

**Outcome #13: Discuss current topics of importance in Biotechnology**

**Components:**

**Stem Cells and Cloning**

- a. Explain what stem cells are and their origins
- b. Explain why stem cells are so useful in biomedical research
- c. Describe obstacles to using stem cells in research and/or therapies
- d. Outline the ethical, religious and political concerns associated with embryonic stem cells
- e. Identify the relationship between stem cells and cloning
- f. Differentiate between therapeutic and reproductive cloning

## **Term 2 – Biotechnology II (BIOT 2010):**

### **Outcome #1: Perform phenol-chloroform DNA isolation**

#### **Components:**

- a. Perform phenol-chloroform DNA isolation
- b. Describe the function of the four basic steps of phenol-chloroform DNA isolation
- c. Identify important technical considerations associated with working with DNA

### **Outcome #2: Analyze the quantity and quality of DNA in a sample**

#### **Components:**

- a. Describe how a spectrophotometer works
- b. Utilize a spectrophotometer to quantify DNA samples
- c. Interpret data provided by a spectrophotometer
- d. Utilize an agarose gel to verify the quality of a DNA sample

### **Outcome #3: Utilize the polymerase chain reaction (PCR) to amplify and analyze genetic sequences.**

#### **Components:**

- a. Explain the uses of the polymerase chain reaction and its importance in Biotechnology
- b. Identify the essential components of a PCR reaction and technical consideration associated with their use
- c. Explain the importance of primer design to the success of a PCR reaction
- d. Describe the three steps of the PCR reaction
- e. Perform multiple PCR- based experiments and identify how PCR is used differently in those experiments.

### **Outcome #4: Utilize real-time polymerase chain reaction (qPCR) to amplify and quantify a genetic sequence**

- a. Explain the fundamental principle underlying real-time PCR
- b. Describe the applications of real-time PCR
- c. Explain similarities and differences in real-time versus traditional PCR
- d. Describe the different types of reporter methods used in real-time PCR
- e. Conduct a real-time PCR experiment and interpret results
- f. Explain the use of and interpret results from a Melt Curve Analysis

### **Outcome #5: Demonstrate the procedures required to determine the DNA sequence of a gene.**

#### **Components:**

- a. Explain how the dideoxy or chain termination method of DNA sequencing works, both in manual and automated (i.e. dye terminator) sequencing reactions
- b. Describe technical considerations associated with sequencing
- c. Perform a sequencing reaction using fluorescently labeled dideoxynucleotides
- d. Interpret a sequencing gel
- e. Discuss goals and benefits of genome sequencing including the Human Genome Project.
- f. Describe the three steps of genome sequencing: preliminary sequencing, finishing and annotating
- g. Describe “next generation” high-through put sequencing methods.

### **Outcome #6: Perform the techniques required to clone a gene.**

#### **Components:**

- a. Describe the process used to clone a gene
- b. Identify the characteristics of a cloning vector
- c. Perform a variety of previously learned techniques in order to clone a gene, including:
  - Ligation
  - bacterial transformation
  - antibiotic screening
  - mini-preps
  - restriction enzyme digestion
- d. Perform a variety of new techniques in order to clone a gene, including:
  - TA Cloning method
  - Blue-white screening

**Outcome #7: Perform a PCR-based site-directed mutagenesis protocol.**

**Components:**

- a. Define site-directed mutagenesis and explain the theory underlying PCR-based site-directed mutagenesis
- b. Describe the uses of site-directed mutagenesis and its importance in biotechnology
- c. Outline the function of the three steps utilized in PCR-based site-directed mutagenesis
- d. Discuss technical considerations associated with site-directed mutagenesis, particularly primer design
- e. Perform a site-directed mutagenesis experiment and interpret results

**Outcome #8: Discuss techniques involved in DNA forensics and conduct a DNA fingerprinting protocol.**

**Components:**

- a. Describe the basic premise underlying DNA forensics
- b. Explain the uses of DNA forensics, including emerging uses
- c. Explain what short-tandem repeat (STR) analysis is and why it is currently the forensic DNA technique of choice
- d. Perform a basic DNA fingerprinting experiment (STR analysis) and interpret results

**Outcome #9: Utilize online resources to perform basic bioinformatics tasks.**

**Components:**

- a. Utilize Genbank to search for genomic sequences using gene name or accession number; interpret data found in Genbank entry and link to related entries
- c. Utilize BLAST to compare genomic sequences, find unknown genomic sequences, and find homologous genes in different species; interpret data from BLAST search and link to related entries
- c. Utilize on-line primer design software to design and evaluate PCR primers for a given genomic sequence

**Outcome #10: Analyze scientific literature related to in-lab experiments**

**Components:**

- a. Explain aims and methods of assigned scientific papers
- b. Interpret and critically analyze results and conclusions from scientific papers
- c. Relate material found in literature to in-class experiments

**Outcome #11: Discuss current topics of importance in Biotechnology**

**Components:**

**Genetically Modified Organisms:**

- a. Describe the impact of biotechnology and GM crops on the agricultural industry, both in the US and worldwide
- b. Outline the pros and cons of GM crops, including environmental, societal, and health concerns
- c. Identify GM crops currently available on the market, and those in production
- d. Describe the role of the USDA and/or EPA in regulating genetically modified crops
- e. Describe current regulations for labeling of biotechnology products
- f. Describe methods used to identify GM crops including ELISA and PCR

**Gene therapy:**

- a. Define gene therapy
- b. Explain different methods used in gene therapy
- c. Explain the history of gene therapy, including the current state of gene therapy in the U.S.
- d. Describe obstacles to using gene therapy in research and/or therapies
- e. Outline ethical concerns associated with gene therapy

### **Term 3 – Biotechnology III (BIOT 2210):**

#### **Outcome #1: Demonstrate the isolation of RNA from cell pellets.**

##### **Components:**

- a. Identify technical considerations associated with working with RNA
- b. Describe how the TRIzol or TriReagent method of RNA isolation works
- c. Perform an RNA isolation from cell pellets
- d. Quantify RNA using a spectrophotometer

#### **Outcome #2: Employ reverse transcriptase PCR (RT-PCR) protocols.**

##### **Components:**

- a. Define RT-PCR
- b. Describe the uses of RT-PCR and how these differ from traditional (DNA-based) PCR.
- c. Describe the multi-step process used in RT-PCR
- d. Explain the different methods of “priming” for cDNA synthesis and why one method might be chosen over another
- e. Explain why primer design is critical when performing RT-PCR
- f. Explain the importance of running a control PCR using a “housekeeping gene” following cDNA synthesis
- g. Set up, run and interpret results from an RT-PCR reaction using freshly isolated RNA

#### **Outcome #3: Employ and analyze a real-time reverse transcriptase PCR protocol.**

##### **Components:**

- a. Differentiate between applications of real-time PCR using DNA as a source versus real-time PCR using RNA as a source
- b. Utilize real-time RT-PCR to quantify and analyze results from siRNA transfection

#### **Outcome #4: Describe RNA interference (RNAi)**

##### **Components:**

- a. Define RNA interference and its role in transcriptional silencing
- b. Explain the siRNA activation pathway
- c. Describe the biological functions of RNAi
- d. Explain the uses of siRNA technology in the field of biotechnology

#### **Outcome #5: Perform a mammalian transfection using siRNA**

##### **Components:**

- a. Describe basic principles of transfection, including lipid-mediated transfections
- b. Describe the applications of transfection in biotechnology
- c. Describe factors which influence transfection efficiency
- d. Perform a transfection of siRNA into mammalian cells
- e. Utilize real-time PCR to analyze data from transfection and interpret results

#### **Outcome #6: Examine and utilize a variety of tools and techniques to characterize proteins**

##### **Components:**

- a. Describe technical considerations associated with working with proteins
- b. Define proteomics
- c. Explain research applications of proteomics
- d. Describe challenges associated with studying the proteome
- e. Utilize low- and high-throughput proteomics techniques in the laboratory
- f. Discuss proteins as biotechnology products in medicine, food and manufacturing

#### **Outcome #7: Perform protein quantification using a Bradford Assay**

##### **Components:**

- a. Identify technical considerations associated with performing protein Set up and perform a Bradford assay to quantify protein
- b. Utilize results from Bradford assay to generate a standard curve and quantify unknown protein samples

**Outcome #8: Examine the applications of and perform polyacrylamide gel electrophoresis**

**Components:**

- a. Describe a polyacrylamide gel including its composition and construction
- b. Identify uses, advantages and disadvantages of polyacrylamide gels versus agarose gels
- c. Describe technical considerations associated with pouring and running polyacrylamide gels
- d. Prepare and run a polyacrylamide gel to separate protein molecules by molecular weight

**Outcome #9: Employ and analyze a 2-dimensional gel electrophoresis protocol**

**Components:**

- a. Describe the function of 2D gels and identify the two dimensions used in 2D gel electrophoresis
- b. Define isoelectric point and relate this to the pH of a protein
- c. Explain the function of the isoelectric focusing and polyacrylamide gel electrophoresis steps
- d. Explain how pH range of a strip gel affects resolution
- e. Identify proper protein sample preparation techniques and precautions used in 2D gel electrophoresis
- f. Prepare and run a 2-D gel electrophoresis to separate out molecules from a heterogeneous protein sample

**Outcome #10: Demonstrate a western blotting protocol.**

**Components:**

- a. Describe the function of a Western blot
- b. Describe steps used to prepare proteins prior to running on a Western blot
- c. Explain how to correctly transfer a gel to a nitrocellulose membrane
- d. Describe the principle behind blocking
- e. Explain the principles and technique behind immunoblotting membranes for specific protein detection, including the function of the primary and secondary antibodies
- f. Utilize a western blot protocol to detect a specific protein and interpret results including determining molecular weight

**Outcome #11: Perform an ELISA assay**

**Components:**

- a. Define an ELISA
- b. Identify the applications of ELISAs
- c. Describe how an ELISA works; i.e. the roles of the different antibodies in the detection of specific proteins
- d. Compare and contrast the function of an ELISA with that of a Western Blot
- e. Utilize a simple quantitative ELISA protocol to detect a specific protein and interpret results

**Outcome #12: Analyze scientific literature related to in-lab experiments**

**Components:**

- a. Explain aims and methods of assigned scientific papers
- b. Interpret and critically analyze results and conclusions from scientific papers
- c. Relate material found in literature to in-class experiments

**Outcome #13: Utilize online resources to perform basic bioinformatics and proteomics tasks.**

**Components:**

- a. Utilize an on-line search program to search for transcription factors found within a given genomic sequence
- b. Utilize appropriate on-line resources to identify unknown protein sequences

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1516**

Fields marked with \* are required

**Name of Initiator:** Justine Marie Andrews    **Email:** [jandrews@unm.edu](mailto:jandrews@unm.edu)    **Phone Number:** 505 277-2809  
**Date:** 10-29-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
**Branch**    Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Degree change PhD in Art History Concentration in Built Environment.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Degree change budget, workload, impact.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## Ph.D. in Art History with a Concentration in the Built Environment

A total of 48 credit hours of course work beyond the bachelor's degree, exclusive of dissertation. 24 credits must be taken at UNM.

### Admissions committee:

An admission committee will be formed of the Art History faculty and members of the School of Architecture and Planning to review applications to this program. Members of the Admissions committee will receive the applications electronically, and meet after the application deadline to discuss and decide.

### Admission requirements:

M. Arch, M.L.A., Masters in Planning or M.A in Art History or equivalent as judged by the admissions committee. These degrees may provide up to 30 credits towards the PhD. The admissions committee may require additional courses and activities depending on the applicants' previous education and experience.

### Committee on Studies:

In the first semester the student will choose a Committee on Studies that will assist in course selection and act as advisors and evaluators of requirements to degree. The committee will be made up of 2 Art History faculty (one of whom will be the chair of committee) and 2 School of Architecture and Planning faculty (one of whom will act as the Built Environment mentor responsible for advisement regarding that discipline). All tenured, tenure-track, and Professors of Practice in Art History and the School of Architecture and Planning are eligible to serve on committees.

### Course work:

- 30 hours (maximum) from the M.A., M.Arch., M.L.A., or M. Planning degree
  - if approved may be counted towards the 48-hour requirement
  - if the masters degree was not granted by UNM or there were insufficient credit hours, a minimum of 6 credit hours in Art History or the History of Architecture (SA&P) graduate level courses at UNM will be required to fulfill the UNM residency requirement.
- 14-15 hours in Art History graduate level courses (500 level)
  - ARTH 500
  - 12 credits from Art History, SA&P History of Architectures courses, or other courses chosen in consultation with the student's committee.
- 4 hours in the School of Architecture and Planning
  - Research Course – 3 credits (one course from below)
    - Arch/CRP/LA 590 Historic Research Methods
    - Arch 551 Research Methodology
    - CRP 513 Qualitative Research Methods
  - Teaching Seminar – 1 credits
    - ARCH 619 Teaching Methods and Theory

Total

48 hours of course work (minimum) – 24 of those hours must be at UNM

**Additional requirements:**

- Spring (2<sup>nd</sup> semester) and Fall (3<sup>rd</sup> semester) Symposia (see MA requirements)
- Language Requirement
  - Proficiency in English and two other languages is required.
  - Ways to fulfill language requirement
    - Coursework through 202 level at any college /university with a grade of B or above
    - Graduate credit in a course with a grade of B or above at any college /university
    - Examination through the UNM Spanish Portuguese department
    - Native fluency in the language
    - An academic minor in the language at any college/university
    - Examination through the Department of Art and Art History.
- Doctoral Comprehensive Exam
  - An exam developed with the student's advisor and Committee on Studies.
  - Examined on 3 categories
    - General historiographic or methodological questions in chosen area of dissertation with a demonstrated fluency in the graphic representation of the built environment.
    - General questions based on the broader fields of the student's specialty.
    - General questions involving specific case studies in chosen area of dissertation.
- Advancement to Candidacy
  - Coursework, language and residency requirements must be fulfilled
  - Doctoral Comprehensive Exam successfully completed
  - Dissertation proposal must be accepted and approved by your Committee on Studies.
  - Submit Advancement to Candidacy form
- Ph.D. Final Examination/ Defense of Dissertation

## Dissertation and Defense – 18 credits min.

In order to receive the PhD degree, the student must successfully defend his/her dissertation topic. Generally the defense will consist of a formal presentation of the work described in the dissertation followed by questions from the student's committee and the audience.

The dissertation demonstrates the student's ability to undertake original research and to write a readable, scholarly argument of book length. The student is expected to have complete knowledge of the historical, critical, theoretical, and methodological issues raised by the subject. It is the student's responsibility to defend the dissertation in an oral examination administered by the Dissertation Committee.

The student must notify the Office of Graduate Studies by completing an Announcement of Final Examination form at least two weeks before the date of the examination. In order to graduate in a given semester, the examination must be held no later than the Office of Graduate Studies (OGS) graduation deadline dates.

The Office of Graduate Studies will publish on the web in the campus newspaper a calendar of final examinations (defense of dissertation). The final examination is open to faculty, students and staff.

At the conclusion of the examination, the Committee on Studies members shall confer and decide their recommendations. The Committee then reports the results of the examination on the reverse side of the Announcement of Final Examination form. It is the Committee Chair's duty to turn this documentation, along with the confidential Evaluation Sheets, into the Departmental Graduate Office. Red-border signature sheets should be present at the defense and signatures of all committee members should be obtained at this time.

The Director of Graduate Studies will verify by signature that all documentation is in order and route all paperwork to the Office of Graduate Studies.

### Manuscript

The student must submit a dissertation that demonstrates evidence of the ability to do sound research. The topic and methodology must have the approval of the Dissertation Committee. It is the student's responsibility to provide each member of the committee with a complete draft of the dissertation in ample time for review before the final defense. After approval three copies of the dissertation need to be submitted. Two copies of the unbound dissertation, each with an abstract of no more than 350 words, must be submitted by the graduation deadlines. One copy must be submitted to the Department Graduate Office for Fine Arts Library cataloging. Guidelines regarding the format for your dissertation are available from the Manuscript Coordinator, Office of Graduate Studies and online. Please refer to the following Doctoral Graduation/Dissertation Checklist. The student must

familiarize themselves with the necessary forms. All forms can be found either at the Office of Graduate Studies or the Department Graduate Office.

#### Dissertation Hours

Dissertation (699) credits are not counted until the semester in which the student are advanced to Candidacy and have passed the Comprehensive Examination. Once the student has registered for dissertation (699) credits, they must maintain continuous enrollment (exclusive of Summer session, unless they graduate in summer) until the defense/final examination is accepted by the following: Dissertation Chair, the Director of Graduate Studies, and the Dean of OGS.

#### Time Limit to Complete Requirements

The student will have seven years to complete all degree requirements from the date of admission.

Under extenuating circumstances, the student may request an extension of this time limit in writing but it must be done prior to the end of the time limit. The request must be supported in writing, by your Committee on Studies Chair, the Director of Graduate Studies, and the Dean of the Office of Graduate Studies.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1518**

Fields marked with \* are required

**Name of Initiator:** Eleni Bastea    **Email:** [ebastea@unm.edu](mailto:ebastea@unm.edu)    **Phone Number:** 505 277-8513    **Date:** 10-30-2014

Associated Forms exist? Yes  Initiator's Title Professor: SAAP Architecture Program  
Faculty Contact Eleni Bastea    Administrative Contact Eleni Bastea  
Department International Studies Program    Admin Email ebastea@unm.edu  
Branch    Admin Phone 277-8513

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program BA International Studies  
Select Category  Degree Type BA  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Title and Requirements.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

In order to accommodate the proposed, new required course, "Introduction to International Studies 101" (3 credits) into the curriculum without changing the overall required credits for the major, we are removing the language requirement at the 100 level. This does not affect language proficiency, as students still have to complete two language course at the 201 & 202 levels or above.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications. (upload a doc/pdf file)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## **Title and Requirements**

Upload a document that includes the proposed catalog text. It is preferable that the document contrasts current requirements and proposed requirements for clarity in the review/approval process.

### **Current language requirements for International Studies majors:**

#### **Foreign Language (9 credit hours)**

**Nine** credit hours beyond the General Education requirement of one semester of foreign language or demonstrated proficiency through the second year of any language other than English or Signed Language.

### **Proposed language requirements for International Studies majors:**

#### **Foreign Language (6 credit hours)**

**Six** credit hours beyond the 100-level of foreign language or demonstrated proficiency through the second year of any language other than English or Signed Language. (ie Foreign Language 201 + 202 or above).

### **Current language requirements for International Studies majors:**

#### **Core Courses (9 credit hours)**

Select nine credit hours (three of which must introduce the student's chosen thematic concentration) from the following three areas:

1. International Politics (3 credit hours): POLS 240.
2. Humanities (3 credit hours): ARTH 201 or 202; ARTH 323 or 324; COMP 224; ENGL 264; ENGL 292 or 293; HIST 490; RELG 107.
3. Social and Natural Sciences (3 credit hours): ANTH 130; CJ 115; CRP 181; ECON 203; ENVS 101; GEOG 140; GEOG 195; PCST 102; PHIL 102; POLS 220; SOC 221; WMST 200.

### **Proposed language requirements for International Studies majors:**

#### **Core Courses (12 credit hours)**

##### **1. Introduction to International Studies: INTS 101 (3 credit hours)**

Select nine credit hours (three of which must introduce the student's chosen thematic concentration) from the following three areas:

2. International Politics (3 credit hours): POLS 240.
3. Humanities (3 credit hours): ARTH 201 or 202; ARTH 323 or 324; COMP 224; ENGL 264; ENGL 292 or 293; HIST 490; RELG 107.
4. Social and Natural Sciences (3 credit hours): ANTH 130; CJ 115; CRP 181; ECON 203; ENVS 101; GEOG 140; GEOG 195; PCST 102; PHIL 102; POLS 220; SOC 221; WMST 200.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1519**

Fields marked with \* are required

**Name of Initiator:** Eleni Bastea    **Email:** [ebastea@unm.edu](mailto:ebastea@unm.edu)    **Phone Number:** 505 277-8513    **Date:** 10-30-2014

Associated Forms exist? Yes  Initiator's Title Professor: SAAP Architecture Program  
Faculty Contact Eleni Bastea    Administrative Contact Eleni Bastea  
Department International Studies Program    Admin Email ebastea@unm.edu  
**Branch**    Admin Phone 277-8513

**Proposed effective term**

Semester   Year

**Course Information**

Select Appropriate Program    
Name of New or Existing Program International Studies Minor  
Select Category   Degree Type BA  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Title and Requirements, minor.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

In order to accommodate the proposed, new required course, "Introduction to International Studies" (3 credits) into the curriculum without changing the overall required credits for the minor, we are removing the language requirement at the 100 level. This does not affect language proficiency, as students still have to complete two language course at the 201 & 202 levels or above.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications. (upload a doc/pdf file)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## **Title and Requirements**

Upload a document that includes the proposed catalog text. It is preferable that the document contrasts current requirements and proposed requirements for clarity in the review/approval process.

### **Current language requirements for International Studies minors:**

#### **Foreign Language (9 credit hours)**

**Nine** credit hours beyond the General Education requirement of one semester of foreign language or demonstrated proficiency through the second year of any language other than English or Signed Language.

### **Proposed language requirements for International Studies minors:**

#### **Foreign Language (6 credit hours)**

**Six** credit hours beyond the 100-level of foreign language or demonstrated proficiency through the second year of any language other than English or Signed Language. (ie Foreign Language 201 + 202 or above).

### **Current Core Courses Requirements for International Studies minors (6 credit hours)**

Select six credit hours (three of which must introduce the student's chosen thematic concentration) from the following three areas:

1. International Politics (3 credit hours): POLS 240.
2. Humanities (3 credit hours): ARTH 201 or 202; ARTH 323 or 324; COMP 224; ENGL 264; ENGL 292 or 293; HIST 490; RELG 107.

-OR-

3. Social and Natural Sciences (3 credit hours): ANTH 130; CJ 115; CRP 181; ECON 203; ENVS 101; GEOG 140; GEOG 195; PCST 102; PHIL 102; POLS 220; SOC 221; WMST 200.

### **Proposed Core Courses Requirements for International Studies minors (9 credit hours)**

1. **Introduction to International Studies: INTS 101 (3 credit hours)**

Select six credit hours (three of which must introduce the student's chosen thematic concentration) from the following three areas:

2. International Politics (3 credit hours): POLS 240.
3. Humanities (3 credit hours): ARTH 201 or 202; ARTH 323 or 324; COMP 224; ENGL 264; ENGL 292 or 293; HIST 490; RELG 107.

-OR-

4. Social and Natural Sciences (3 credit hours): ANTH 130; CJ 115; CRP 181; ECON 203; ENVS 101; GEOG 140; GEOG 195; PCST 102; PHIL 102; POLS 220; SOC 221; WMST 200.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1520**

Fields marked with \* are required

**Name of Initiator:** Melinda Harm Benson    **Email:** [mhbenson@unm.edu](mailto:mhbenson@unm.edu)    **Phone Number:** 505 277-1629  
**Date:** 10-30-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact  Administrative Contact   
Department  Admin Email   
**Branch** Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C existing requirements and proposed B A -ML.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C Justification B.A..docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

Our current B.A. information as listed in the course catalog:

## College of Arts and Sciences and Department of Geography and Environmental Studies Undergraduate Admission Requirements

A minimum of 26 credit hours; 23 credit hours must be in courses acceptable toward graduation.

A cumulative grade point average of at least 2.00 on all work.

- Transfer students must have a 2.0 transfer GPA.
- Continuing UNM students must have a 2.00 institutional GPA.

Demonstrated academic achievement by satisfying the following:

- Completion of the University Writing and Speaking Core.
- Completion of the University Mathematics Core.
- Completion of the University Foreign Language Core.

Completion of Department of Geography and Environmental Studies admission coursework with grades of "C" or better:

- GEOG 101.
- GEOG 102.
- GEOG 281.

### Major Study Requirements

The major in Geography requires 42-43 credit hours of lower and upper-division course work.

### Bachelor of Arts in Geography

Required curriculum:

		<b>Credit Hours</b>
GEOG 101	Physical Geography	3
GEOG 105L	Physical Geography Lab	1
GEOG 102	Human Geography	3
GEOG 195	Humans Role in Changing the Face of the Earth	3
GEOG 281	Introduction to Maps and Geospatial Information	3
GEOG 350	Physical Landscapes	3
GEOG 381L	Introduction to Geographic Information Systems	4
GEOG *481L	Map Design and Geovisualization	4
Two courses	Environmental Studies Group	6

One course	Human Geography Group	3
One course	Regional Group	3
GEOG 471	Senior Geography Capstone	3
Electives	Any 200- 300- or 400- level GEOG course	3
		<b>42</b>

Courses included in the above groups are as follows:

**Environmental Studies Group:** 366, 461, 462, 463, 464, 466, 467.

**Human Geography Group:** 360, 363, 364, 365.

**Regional Group:** 140, 302, \*445.

Our proposed B.A. information for listing in the course catalog:

## College of Arts and Sciences and Department of Geography and Environmental Studies Undergraduate Admission Requirements

A minimum of 26 credit hours; 23 credit hours must be in courses acceptable toward graduation.

A cumulative grade point average of at least 2.00 on all work.

- Transfer students must have a 2.0 transfer GPA.
- Continuing UNM students must have a 2.00 institutional GPA.

Demonstrated academic achievement by satisfying the following:

- Completion of the University Writing and Speaking Core.
- Completion of the University Mathematics Core.
- Completion of the University Foreign Language Core.

Completion of Department of Geography and Environmental Studies admission coursework with grades of "C" or better:

- GEOG 101.
- GEOG 102.

## Major Study Requirements

### Bachelor of Arts in Geography

		<b>Credit Hours</b>
GEOG 101	Physical Geography	3
GEOG 105L	Physical Geography Lab	1

GEOG 102	Human Geography	3
GEOG 140	World Regional Geography	3
GEOG 195	Humans' Role in Changing the Face of the Earth	3
GEOG 281	Introduction to Maps and Geospatial Information	3
GEOG 471	Senior Geography Capstone	3
One course in GIScience	GEOG 381L Introduction to GIS, or GEOG *481L Map Design and Geovisualization	4
Four courses in human-environment geography	GEOG *445, or any GEOG course numbered in the 360s or 460s	12
One elective	Any 200- 300- or 400- level GEOG course	3-4
<b>Total</b>		<b>38-39</b>

## **Justification for changes to the B.A. in Geography**

### **General Overview**

We propose several changes to our B.A. and provide their justifications below:

First, we reduce the number of credits for the B.A. to 38-39 hours in accordance with the Arts and Sciences "120" goal for number of required credits for graduation.

Second, we combine the courses in our 360 series (Human Geography) and our 460 series (Environmental Management) so that either can be used to fulfill our new "human-environment geography" course requirements, effectively combining two previous subcategories and providing students a wider variety of courses from which they may choose in meeting the B.A. requirements.

Third, we reduce the number of Geographic Information Science classes required by the B.A. by one 4 credit class in order to create more of a distinction between our B.A. and B.S. This will help us recruit students who are interested in Geography but dislike technical, lab-based GIScience classes.

Fourth, we eliminate the Physical Landscapes (Geog 350) core requirement because we deemed it unnecessary to meet the learning outcomes for the B.A. We also found it difficult to offer every year.

Fifth, we added World Regional Geography (Geog 140) because we deemed it necessary to meet the learning outcomes for the B.A.

Sixth, we removed GEOG 281 as an admission requirement because we determined it to be unnecessary.

### **Impact on long-range planning:**

None.

### **Detailed budget analysis:**

There will be no impact on budget because it will not change the number of courses we teach.

### **Faculty workload implications:**

There will be no impact on faculty workload because it will not change the number of courses we teach.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1521**

Fields marked with \* are required

**Name of Initiator:** Melinda Harm Benson    **Email:** [mhbenson@unm.edu](mailto:mhbenson@unm.edu)    **Phone Number:** 505 277-1629  
**Date:** 10-30-2014

Associated Forms exist? Yes  Initiator's Title Associate Professor  
Faculty Contact Melinda Harm Benson    Administrative Contact Mary Thomas  
Department Geography & Environmental Studies    Admin Email maryt@unm.edu  
Branch    Admin Phone 277-5041

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Undergraduate Degree Program   
Name of New or Existing Program B.S. in Geography  
Select Category Major  Degree Type B.S.  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C existing and proposed B S -ML.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

We made changes to our B.S. in order to (1) reduce the number of hours required where possible, (2) provide more flexibility for students when choosing courses and (3) create a stronger distinction between our B.A. and B.S. programs. Please see the attached justification for more information. [REGISTRAR'S NOTE TO VALERIE: SEE COMMENTS.]

[Form C Justification B.S..docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C Justification B.S..docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

Our current B.S. as listed in the course catalog:

## College of Arts and Sciences and Department of Geography and Environmental Studies Undergraduate Admission Requirements

A minimum of 26 credit hours; 23 credit hours must be in courses acceptable toward graduation.

A cumulative grade point average of at least 2.00 on all work.

- Transfer students must have a 2.0 transfer GPA.
- Continuing UNM students must have a 2.00 institutional GPA.

Demonstrated academic achievement by satisfying the following:

- Completion of the University Writing and Speaking Core.
- Completion of the University Mathematics Core.
- Completion of the University Foreign Language Core.

Completion of Department of Geography and Environmental Studies admission coursework with grades of "C" or better:

- GEOG 101.
- GEOG 102.
- GEOG 281.

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## Major Study Requirements

The major in Geography requires 42-43 credit hours of lower and upper-division course work.

### Bachelor of Science in Geography

Required curriculum:

		<b>Credit Hours</b>
GEOG 101	Physical Geography	3
GEOG 105L	Physical Geography Lab	1
GEOG 102	Human Geography	3
GEOG 195	Humans Role in Changing the Face of the Earth	3
GEOG 281	Introduction to Maps and Geospatial Information	3
GEOG 381L	Introduction to GIS	4
GEOG *481L	Map Design and Geovisualization	4
GEOG 471	Senior Geography Capstone	3
One course	Environmental Studies Group	3

Three courses	Geographic Information Science Group	9
One course	Physical Environment Group	3
Electives	Any 200-, 300-, or 400-level GEOG course	3
		<b>42</b>

Courses included in the above groups are as follows:

**Environmental Studies Group:** 360, 363, 365, 366, 461, 462, 463, 464, 466, 467.

**Geographic Information Science Group:** 480L, 482L, 483L, 484L, 485L, 486L, 487L, 488L.

**Physical Environment Group:** 251, 350, 352.

Our proposed B.S. for listing in the course catalog:

## College of Arts and Sciences and Department of Geography and Environmental Studies Undergraduate Admission Requirements

A minimum of 26 credit hours; 23 credit hours must be in courses acceptable toward graduation.

A cumulative grade point average of at least 2.00 on all work.

- Transfer students must have a 2.0 transfer GPA.
- Continuing UNM students must have a 2.00 institutional GPA.

Demonstrated academic achievement by satisfying the following:

- Completion of the University Writing and Speaking Core.
- Completion of the University Mathematics Core.
- Completion of the University Foreign Language Core.

Completion of Department of Geography and Environmental Studies admission coursework with grades of "C" or better:

- GEOG 101.
- GEOG 102.

---

## Major Study Requirements

### Bachelor of Science in Geography

		<b>Credit Hours</b>
GEOG 101	Physical Geography	3
GEOG 105L	Physical Geography Lab	1
GEOG 102	Human Geography	3
GEOG 281	Introduction to Maps and Geospatial Information	3
GEOG 380	Basic Statistics for Geographers	3
GEOG 381L	Introduction to GIS	4
GEOG *481L	Map Design and Geovisualization	4
GEOG 471	Senior Geography Capstone	3
One course	Any GEOG course numbered in the 360s or 460s	3
Four courses	Any GEOG course at the 200-, 300-, or 400-level	12-16
		<b>39-43</b>

## **Justification for changes to the B.S. in Geography**

### **General Overview**

We propose several changes to our B.S. and provide their justifications below:

First, we reduce the number of credits for the B.S. to 39-43 hours in accordance with the Arts and Sciences “120” goal for number of required credits for graduation.

Second, we remove Humans Role in Changing the Face of the Earth (GEOG 195) as a required course because we deemed it unnecessary to meet the learning outcomes for the B.S.

Third, we add Basic Statistics for Geographers (GEOG 380)<sup>i</sup> as a required course because we deemed it necessary to meet the learning outcomes for the B.S.

Fourth, we eliminate the Physical Environment Group requirement because we deemed it unnecessary to meet the learning outcomes for the B.S. We also found it difficult to offer the necessary courses given existing faculty loads.

Fifth, we broaden the Environmental Studies Group requirement to include any courses from our 360s (Human Geography) or 460s (Environmental Management) series to provide students with more choices in choosing courses.

Sixth, we remove the Geographic Information Science Group requirement and now require four courses at the 200, 300 or 400 level Geography level to provide more flexibility to students in choosing courses.

Seventh, we removed GEOG 281 as an admission requirement because we determined it to be unnecessary.

### **Impact on long-range planning:**

None.

### **Detailed budget analysis:**

There will be no impact on budget because it will not change the number of courses we teach.

### **Faculty workload implications:**

There will be no impact on faculty workload because it will not change the number of courses we teach.

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<sup>i</sup> NOTE we have a proposed change of GEOG 480 to GEOG 380 as a part of this curriculum revision package.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1522**

Fields marked with \* are required

**Name of Initiator:** John Wood    **Email:** [jw@unm.edu](mailto:jw@unm.edu)    **Phone Number:** 505 272-7000    **Date:** 10-31-2014

Associated Forms exist? Yes   
Initiator's Title Professor: SOE Mechanical Engineering  
Faculty Contact John Wood    Administrative Contact C. Fleddermann, ADA SOE  
Department Manufacturing Engineering    Admin Email cbf@unm.edu  
Branch    Admin Phone 277-5522

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MEME/MBA dual-degree program  
Select Category Major  Degree Type  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.  
See current catalog for format within the respective college (upload a doc/pdf file)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

The Manufacturing Engineering Program (MEP) seeks to delete ME-583 Statistics for Improving Product Quality from the MEME/MBA dual-degree plan, and replace it with STAT-570 Industrial Statistics. The impact on the Math/Stat department would be low (of order 10 students per year). The ME-583 course is no longer offered, due to retirement of instructor. The MEP has been allowing the substitution of STAT-570 for ME-583, for the past several years.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1524**

Fields marked with \* are required

**Name of Initiator:** Amanda Kay Wolfe    **Email:** [akwolfe@unm.edu](mailto:akwolfe@unm.edu)    **Phone Number:** 505 277-7044    **Date:** 10-31-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact  Administrative Contact   
Department  Admin Email   
**Branch** Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.  
See current catalog for format within the respective college (upload a doc/pdf file)

[MALAS\\_GeographyEnvironmentalStudies\\_ExactTitle.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

[MALAS\\_GeographyEnvironmentalStudies\\_Reason.doc.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Tollestrup\\_agreement\\_on\\_Public\\_Health\\_Concentration.pdf](#)  
[MALAS\\_GeographyEnvironmentalStudies\\_Impact.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## MALAS Geography and Environmental Studies Concentration

### **Concentration/Emphases Requirements**

Students concentrate in two areas chosen from the following: Anthropology (with an emphasis in either Archaeology, Ethnology, or Human Evolutionary Ecology), Art History (with an emphasis in either Pre-Columbian, Colonial, or Modern), Brazilian Literature and Culture, Brazilian Studies, Communication, Economics, Gender Studies, **Geography and Environmental Studies**, History, Human Rights, **Indigenous Studies**, International Management, Political Science, **Public Health**, Religion and Philosophy, Sociology, Southwest Studies, Spanish American Literature, Spanish Linguistics, and Urbanism and Community Development.

Students may also petition for approval of other thematic areas of concentration (such concentrations cannot be transcribed). The combination of concentrations must ensure that the program is interdisciplinary. For example, students selecting Anthropology with an emphasis in Archaeology as one concentration may not select Anthropology with an emphasis in Ethnology as the second concentration. Students also are required to have no more than one interdisciplinary concentration. For example, a student may not choose both Human Rights and Gender Studies.

Select from the following list of courses for each concentration/emphases. Substitutions for these courses are considered on a case-by-case basis.

#### **Anthropology**

Ethnology: ANTH 524, 530, 532, 533, 535, 537, 539, 546, 547.

Archaeology: ANTH 522, 524, 529, 574, 579.

Human Evolutionary Ecology: ANTH 561, 562, 565, 566, 567.

#### **Art History**

Pre-Columbian: ARTH \*343, 500, 511, 512, 560.

Colonial: ARTH 500, 549, 550, 580.

Modern: ARTH 500, 529, 583, 585, 588, 589, 590, 593, 594.

#### **Brazilian Literature and Culture**

PORT \*461, 514, 515, 516, 517, 521, 557, 558, 570; SPAN 502.

#### **Brazilian Studies**

ANTH 532, 540; GEOG 515, 516, 564; HIST 500, 576, 577, 656, 687, 688, 690, 692; PORT 461, 514, 515, 516, 521, 557, 558, 570; SPAN 439, 639.

Courses without forty percent Brazilian content require consultation with the instructor and prior approval by the Associate Director.

**Communication**

Select one from: CJ 506, 531, 566.

Choosing remaining courses from: CJ 517, 518, 519, 555, 569, 604.

**Economics**

ECON \*\*315, \*320, \*321, \*331, \*335, \*343, \*410, \*421, \*423, \*424, \*427, \*429, \*442, 503, 520, 521, 542, 584.

**Gender Studies**

CRP 528; HIST 628, 651, 652, 686, 687, 692; SOC 509; SPAN \*\*439, 639.

**Geography and Environmental Studies**

GEOG \*445, \*481L, 499, 501, 502, 514, 515, 516, 517, 525, 561, 562, 564, 567, 580L, 581L, 583L, 584L, 585L, 586L, 587L, 588L, 591

**History**

HIST 518, 560, 570, 571, 573, 574, 576, 577, 643, 644, 645, 648, 649, 650, 651, 652, 653, 654, 656, 685, 686, 687, 688, 689, 690, 692.

Students generally take HIST 686 and/or HIST 687. The course(s) may be substituted upon approval from the Associate Director.

**Human Rights**

ANTH 530, 539; ECON \*423; HIST 500, 574, 648, 649, 652, 653, 690, 692; LAW 505, 541, 548, 626, 628, 667; LTAM 500; POLS 521; PORT 514, 570; SPAN 532, 639.

**Indigenous Studies (See separate Form C for this proposed concentration)**

ANTH 524, 530, 532, 540, 570; HIST 500, 653; LAW 593, 628; MUS 522; SPAN \*439

**International Management**

MGMT 511, 524, 574, 583, 594, 595, 597.

**Political Science**

POLS 511, 512, 520, 521, 525, 540, 541.

**Public Health (See separate Form C for this proposed concentration)**

PH 502, 505, 508, 533, 554, 556, 565, 579, 583, 587; ANTH 620; CJ 553, 555; ECON 564; HIST 610; SOC 540; SPAN \*439

**Religion and Philosophy**

ANTH 533; HIST 656; PHIL 588, 589; PHIL 590; RELG \*422; SOC 532.

**Sociology**

SOC 461, \*484, 503, 506, 509, 510, 513, 520, 528, 584.

**Southwest Studies**

AMST 558, 560, 563, 565; ANTH \*421, 521, 535, 537, 576; ARTH 576; CRP 586, 569; ENGL

565, 574; HIST 563, 564, 643, 644, 645, 684, 685; LING 532; LLSS \*446, 566, 583; PH 579; POLS \*308; RELG \*483; SOC 520, 528; SPAN \*\*479, 546, 547, 578, 579.

### **Spanish American Literature**

SPAN \*\*430, \*\*431, \*\*432, \*\*433, \*\*435, \*438, \*\*439, 502, 504, 531, 532, 536, 631, 633, 639.

### **Spanish Linguistics**

SPAN \*\*443, 540, 542, 543, 545, 546, 547, 548, 549.

Students with limited background in Spanish Linguistics are encouraged to take SPAN 350 and 352.

### **Urbanism and Community Development**

ARCH 544, 551, 662; CRP 500, 503, 513, 515, 527, 531, 535, 537, 567, 569, 570, 574, 576, 578, 586, 587; LA 512

Variations may occur from year to year in the availability of faculty members to support concentrations. Such changes in faculty availability are beyond the control of the Latin American Studies program. Thus, it may occasionally be impossible for students to obtain sufficient coursework and advisement in one or more concentrations described herein. Therefore students' choices of concentrations require the prior approval of the Associate Director.

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### Reason for Request

The proposed Geography and Environmental Studies Concentration in the MA in Latin American Studies (MALAS) would promote in-depth study of Geography and Environmental Science in Latin America from an integrated social science perspective. As a National Resource Center for Latin America, UNM's Latin American and Iberian Institute has made one of its Title VI priorities the study of sustainability, encompassing the geography and environment in Latin America. The proposed concentration is highly integrated in the Geography department and would allow dedicated students to build an adequate knowledge base of Geography and Environmental Studies in Latin America. The Geography and Environmental Studies concentration draws on UNM's strengths in teaching and research, which includes faculty in Geography.

**From:** Kristine Tollestrup ktollestrup@salud.unm.edu  
**Subject:** Concentration in Public Health  
**Date:** October 6, 2014 at 10:59 PM  
**To:** Susan Tiano stiano@unm.edu, Matias Fontenla fontenla@unm.edu

---

Hi Matias and Susan,

I am happy to report that I now have consensus about having a concentration in public health in your LAS PhD! I've met with the PH faculty both individually and as a group and all will support this. I am so pleased you approached me with the idea!

Please let me know what you need to proceed. I am going on vacation Wed - Sunday and will not have access to either the internet or e-mail. I'll be happy to work on it when I get back next Monday, though.

Thanks again!

Kristine

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1525**

Fields marked with \* are required

**Name of Initiator:** Amanda Kay Wolfe    **Email:** [akwolfe@unm.edu](mailto:akwolfe@unm.edu)    **Phone Number:** 505 277-7044    **Date:** 10-31-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact  Administrative Contact   
Department  Admin Email   
**Branch** Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[MALAS\\_IndigenousStudies\\_ExactTitle.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

[MALAS\\_IndigenousStudies\\_Reason.doc.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[MALAS\\_IndigenousStudies\\_Impact.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## MALAS Indigenous Studies Concentration

### **Concentration/Emphases Requirements**

Students concentrate in two areas chosen from the following: Anthropology (with an emphasis in either Archaeology, Ethnology, or Human Evolutionary Ecology), Art History (with an emphasis in either Pre-Columbian, Colonial, or Modern), Brazilian Literature and Culture, Brazilian Studies, Communication, Economics, Gender Studies, **Geography and Environmental Studies**, History, Human Rights, **Indigenous Studies**, International Management, Political Science, **Public Health**, Religion and Philosophy, Sociology, Southwest Studies, Spanish American Literature, Spanish Linguistics, and Urbanism and Community Development.

Students may also petition for approval of other thematic areas of concentration (such concentrations cannot be transcribed). The combination of concentrations must ensure that the program is interdisciplinary. For example, students selecting Anthropology with an emphasis in Archaeology as one concentration may not select Anthropology with an emphasis in Ethnology as the second concentration. Students also are required to have no more than one interdisciplinary concentration. For example, a student may not choose both Human Rights and Gender Studies.

Select from the following list of courses for each concentration/emphases. Substitutions for these courses are considered on a case-by-case basis.

#### **Anthropology**

Ethnology: ANTH 524, 530, 532, 533, 535, 537, 539, 546, 547.

Archaeology: ANTH 522, 524, 529, 574, 579.

Human Evolutionary Ecology: ANTH 561, 562, 565, 566, 567.

#### **Art History**

Pre-Columbian: ARTH \*343, 500, 511, 512, 560.

Colonial: ARTH 500, 549, 550, 580.

Modern: ARTH 500, 529, 583, 585, 588, 589, 590, 593, 594.

#### **Brazilian Literature and Culture**

PORT \*461, 514, 515, 516, 517, 521, 557, 558, 570; SPAN 502.

#### **Brazilian Studies**

ANTH 532, 540; GEOG 515, 516, 564; HIST 500, 576, 577, 656, 687, 688, 690, 692; PORT 461, 514, 515, 516, 521, 557, 558, 570; SPAN 439, 639.

Courses without forty percent Brazilian content require consultation with the instructor and prior approval by the Associate Director.

**Communication**

Select one from: CJ 506, 531, 566.

Choosing remaining courses from: CJ 517, 518, 519, 555, 569, 604.

**Economics**

ECON \*\*315, \*320, \*321, \*331, \*335, \*343, \*410, \*421, \*423, \*424, \*427, \*429, \*442, 503, 520, 521, 542, 584.

**Gender Studies**

CRP 528; HIST 628, 651, 652, 686, 687, 692; SOC 509; SPAN \*\*439, 639.

**Geography and Environmental Studies** (See separate Form C for this proposed concentration)

GEOG \*445, \*481L, 499, 501, 502, 514, 515, 516, 517, 525, 561, 562, 564, 567, 580L, 581L, 583L, 584L, 585L, 586L, 587L, 588L, 591

**History**

HIST 518, 560, 570, 571, 573, 574, 576, 577, 643, 644, 645, 648, 649, 650, 651, 652, 653, 654, 656, 685, 686, 687, 688, 689, 690, 692.

Students generally take HIST 686 and/or HIST 687. The course(s) may be substituted upon approval from the Associate Director.

**Human Rights**

ANTH 530, 539; ECON \*423; HIST 500, 574, 648, 649, 652, 653, 690, 692; LAW 505, 541, 548, 626, 628, 667; LTAM 500; POLS 521; PORT 514, 570; SPAN 532, 639.

**Indigenous Studies**

ANTH 524, 530, 532, 540, 570; HIST 500, 653; LAW 593, 628; MUS 522; SPAN \*439

**International Management**

MGMT 511, 524, 574, 583, 594, 595, 597.

**Political Science**

POLS 511, 512, 520, 521, 525, 540, 541.

**Public Health** (See separate Form C for this proposed concentration)

PH 502, 505, 508, 533, 554, 556, 565, 579, 583, 587; ANTH 620; CJ 553, 555; ECON 564; HIST 610; SOC 540; SPAN \*439

**Religion and Philosophy**

ANTH 533; HIST 656; PHIL 588, 589; PHIL 590; RELG \*422; SOC 532.

**Sociology**

SOC 461, \*484, 503, 506, 509, 510, 513, 520, 528, 584.

**Southwest Studies**

AMST 558, 560, 563, 565; ANTH \*421, 521, 535, 537, 576; ARTH 576; CRP 586, 569; ENGL

565, 574; HIST 563, 564, 643, 644, 645, 684, 685; LING 532; LLSS \*446, 566, 583; PH 579; POLS \*308; RELG \*483; SOC 520, 528; SPAN \*\*479, 546, 547, 578, 579.

### **Spanish American Literature**

SPAN \*\*430, \*\*431, \*\*432, \*\*433, \*\*435, \*438, \*\*439, 502, 504, 531, 532, 536, 631, 633, 639.

### **Spanish Linguistics**

SPAN \*\*443, 540, 542, 543, 545, 546, 547, 548, 549.

Students with limited background in Spanish Linguistics are encouraged to take SPAN 350 and 352.

### **Urbanism and Community Development**

ARCH 544, 551, 662; CRP 500, 503, 513, 515, 527, 531, 535, 537, 567, 569, 570, 574, 576, 578, 586, 587; LA 512

Variations may occur from year to year in the availability of faculty members to support concentrations. Such changes in faculty availability are beyond the control of the Latin American Studies program. Thus, it may occasionally be impossible for students to obtain sufficient coursework and advisement in one or more concentrations described herein. Therefore students' choices of concentrations require the prior approval of the Associate Director.

.

### Reason for Request

The proposed Indigenous Studies Concentration in the MA in Latin American Studies (MALAS) would promote in-depth study of Latin American indigenous cultures from an integrated social science or social science and humanities perspective. As a National Resource Center for Latin America, UNM's Latin American and Iberian Institute has made one of its Title VI priorities the study of the many indigenous cultures that make up Latin America. The proposed concentration is highly interdisciplinary and provides a course of in-depth study through which students may build an adequate knowledge base of Indigenous Studies. The Indigenous Studies concentration draws on UNM's strengths in teaching and research on indigenous cultures, which includes faculty in Anthropology, History, Law, Music, and Literature.

### Impact and Workload Implications

The proposed changes would likely influence enrollments modestly among the anthropology, history, law, music, and literature courses. Experience with other interdisciplinary concentrations involving LAS suggests enrollment in the listed courses should exceed no more than 2 or 3 students. The above departments have sufficient capacity to support the shift in enrollments in specific courses associated with the proposed changes. Finally, no additional faculty or courses will be necessary.

The changes would not require any additional resources from the UNM Libraries or IT beyond those associated with slight increases in graduate enrollments in certain courses. No additional specialized collections of information resources would be required.

The Indigenous Studies Concentration draws entirely on current faculty, currently-offered courses, and a strong library collection. No additional budgetary or faculty resources are required. In addition, there is no additional impact on long-range planning. There are no additional proposed courses or requirements that would require resources.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1526**

Fields marked with \* are required

**Name of Initiator:** Amanda Kay Wolfe    **Email:** [akwolfe@unm.edu](mailto:akwolfe@unm.edu)    **Phone Number:** 505 277-7044    **Date:** 10-31-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact  Administrative Contact   
Department  Admin Email   
**Branch** Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[MALAS\\_PublicHealthExactTitle.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

[MALAS\\_PublicHealth\\_Reason.doc.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Tollestrup agreement on Public Health Concentration.pdf](#)

[MALAS\\_PublicHealth\\_Impact.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## MA LAS Public Health Concentration

### **Concentration/Emphases Requirements**

Students concentrate in two areas chosen from the following: Anthropology (with an emphasis in either Archaeology, Ethnology, or Human Evolutionary Ecology), Art History (with an emphasis in either Pre-Columbian, Colonial, or Modern), Brazilian Literature and Culture, Brazilian Studies, Communication, Economics, Gender Studies, **Geography and Environmental Studies**, History, Human Rights, **Indigenous Studies**, International Management, Political Science, **Public Health**, Religion and Philosophy, Sociology, Southwest Studies, Spanish American Literature, Spanish Linguistics, and Urbanism and Community Development.

Students may also petition for approval of other thematic areas of concentration (such concentrations cannot be transcribed). The combination of concentrations must ensure that the program is interdisciplinary. For example, students selecting Anthropology with an emphasis in Archaeology as one concentration may not select Anthropology with an emphasis in Ethnology as the second concentration. Students also are required to have no more than one interdisciplinary concentration. For example, a student may not choose both Human Rights and Gender Studies.

Select from the following list of courses for each concentration/emphases. Substitutions for these courses are considered on a case-by-case basis.

#### **Anthropology**

Ethnology: ANTH 524, 530, 532, 533, 535, 537, 539, 546, 547.

Archaeology: ANTH 522, 524, 529, 574, 579.

Human Evolutionary Ecology: ANTH 561, 562, 565, 566, 567.

#### **Art History**

Pre-Columbian: ARTH \*343, 500, 511, 512, 560.

Colonial: ARTH 500, 549, 550, 580.

Modern: ARTH 500, 529, 583, 585, 588, 589, 590, 593, 594.

#### **Brazilian Literature and Culture**

PORT \*461, 514, 515, 516, 517, 521, 557, 558, 570; SPAN 502.

#### **Brazilian Studies**

ANTH 532, 540; GEOG 515, 516, 564; HIST 500, 576, 577, 656, 687, 688, 690, 692; PORT 461, 514, 515, 516, 521, 557, 558, 570; SPAN 439, 639.

Courses without forty percent Brazilian content require consultation with the instructor and prior approval by the Associate Director.

**Communication**

Select one from: CJ 506, 531, 566.

Choosing remaining courses from: CJ 517, 518, 519, 555, 569, 604.

**Economics**

ECON \*\*315, \*320, \*321, \*331, \*335, \*343, \*410, \*421, \*423, \*424, \*427, \*429, \*442, 503, 520, 521, 542, 584.

**Gender Studies**

CRP 528; HIST 628, 651, 652, 686, 687, 692; SOC 509; SPAN \*\*439, 639.

**Geography and Environmental Studies** (See separate Form C for this proposed concentration)

GEOG \*445, \*481L, 499, 501, 502, 514, 515, 516, 517, 525, 561, 562, 564, 567, 580L, 581L, 583L, 584L, 585L, 586L, 587L, 588L, 591

**History**

HIST 518, 560, 570, 571, 573, 574, 576, 577, 643, 644, 645, 648, 649, 650, 651, 652, 653, 654, 656, 685, 686, 687, 688, 689, 690, 692.

Students generally take HIST 686 and/or HIST 687. The course(s) may be substituted upon approval from the Associate Director.

**Human Rights**

ANTH 530, 539; ECON \*423; HIST 500, 574, 648, 649, 652, 653, 690, 692; LAW 505, 541, 548, 626, 628, 667; LTAM 500; POLS 521; PORT 514, 570; SPAN 532, 639.

**Indigenous Studies** (See separate Form C for this proposed concentration)

ANTH 524, 530, 532, 540, 570; HIST 500, 653; LAW 593, 628; MUS 522; SPAN \*439

**International Management**

MGMT 511, 524, 574, 583, 594, 595, 597.

**Political Science**

POLS 511, 512, 520, 521, 525, 540, 541.

**Public Health**

PH 502, 505, 508, 533, 554, 556, 565, 579, 583, 587; ANTH 620; CJ 553, 555; ECON 564; HIST 610; SOC 540; SPAN \*439

**Religion and Philosophy**

ANTH 533; HIST 656; PHIL 588, 589; PHIL 590; RELG \*422; SOC 532.

**Sociology**

SOC 461, \*484, 503, 506, 509, 510, 513, 520, 528, 584.

**Southwest Studies**

AMST 558, 560, 563, 565; ANTH \*421, 521, 535, 537, 576; ARTH 576; CRP 586, 569; ENGL

565, 574; HIST 563, 564, 643, 644, 645, 684, 685; LING 532; LLSS \*446, 566, 583; PH 579; POLS \*308; RELG \*483; SOC 520, 528; SPAN \*\*479, 546, 547, 578, 579.

### **Spanish American Literature**

SPAN \*\*430, \*\*431, \*\*432, \*\*433, \*\*435, \*438, \*\*439, 502, 504, 531, 532, 536, 631, 633, 639.

### **Spanish Linguistics**

SPAN \*\*443, 540, 542, 543, 545, 546, 547, 548, 549.

Students with limited background in Spanish Linguistics are encouraged to take SPAN 350 and 352.

### **Urbanism and Community Development**

ARCH 544, 551, 662; CRP 500, 503, 513, 515, 527, 531, 535, 537, 567, 569, 570, 574, 576, 578, 586, 587; LA 512

Variations may occur from year to year in the availability of faculty members to support concentrations. Such changes in faculty availability are beyond the control of the Latin American Studies program. Thus, it may occasionally be impossible for students to obtain sufficient coursework and advisement in one or more concentrations described herein. Therefore students' choices of concentrations require the prior approval of the Associate Director.

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### Reason for Request

The proposed Public Health Concentration in the MA in Latin American Studies (MALAS) would promote in-depth study of Public Health in Latin America from an integrated social science or social science and humanities perspective. As a National Resource Center for Latin America, UNM's Latin American and Iberian Institute has made one of its Title VI priorities sustainability, which includes health in Latin America.

The proposed concentration is highly interdisciplinary and provides a course of in-depth study through which students may build an adequate knowledge base of Public Health in Latin America. The Public Health concentration draws on UNM's strengths in teaching and research, which includes faculty in Public Health, Anthropology, Communications, Economics, History, and Sociology.

**From:** Kristine Tollestrup ktollestrup@salud.unm.edu  
**Subject:** Concentration in Public Health  
**Date:** October 6, 2014 at 10:59 PM  
**To:** Susan Tiano stiano@unm.edu, Matias Fontenla fontenla@unm.edu

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Hi Matias and Susan,

I am happy to report that I now have consensus about having a concentration in public health in your LAS PhD! I've met with the PH faculty both individually and as a group and all will support this. I am so pleased you approached me with the idea!

Please let me know what you need to proceed. I am going on vacation Wed - Sunday and will not have access to either the internet or e-mail. I'll be happy to work on it when I get back next Monday, though.

Thanks again!

Kristine

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1527**

Fields marked with \* are required

**Name of Initiator:** Amanda Kay Wolfe    **Email:** [akwolfe@unm.edu](mailto:akwolfe@unm.edu)    **Phone Number:** 505 277-7044    **Date:** 10-31-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact  Administrative Contact   
Department  Admin Email   
**Branch** Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[PhD LAS BuiltEnvironment ExactTitle.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

[PHD LAS BuiltEnvironment Reason.doc.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Built Environment concentration agreement.pdf](#)

[PhD LAS BuiltEnvironment Impact.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## PhD LAS Built Environment Concentration

### **Concentration Requirements**

Select from the following list of courses for each concentration, in consultation with the Associate Director for Academic Programs and the COS. All courses must contain at least 40% Latin American content; exceptions may be approved by the Associate Director and COS. Some of the following courses may have 40% Latin American content only when taught by an LAS instructor. Substitutions for these courses are considered on a case-by-case basis.

#### **Anthropology**

ANTH 510, 511, 522, 524, 529, 532, 533, 537, 539, 546, 547, 561, 574, 579, 585.

#### **Art History**

ARTH 500, 511, 512, 529, 549, 550, 560, 580, 583, 585, 590, 593, 594.

#### **Brazilian Literature and Culture**

PORT \*461, 514, 515, 516, 517, 521, 557, 558, 570, SPAN 502.

#### **Built Environment (Architecture & Planning)**

ARCH 502, 503, 504, 505, 509, 515, 516, 517, 521, 522, 523, 524, 534, 541, 542, 544, 551, 552, 563, 564, 581, 590, 591, 592, 593, 661, 662, 691, 692, 693, 694, 695.

CRP 500, 503, 508, 510, 511, 513, 515, 516, 520, 521, 525, 527, 528, 530, 531, 532, 533, 535, 537, 543, 545, 551, 562, 563, 565, 567, 569, 570, 572, 573, 574, 576, 577, 578, 580, 581, 582, 583, 584, 585, 587, 590, 591, 592, 593, 691, 692, 693, 694, 695.

LA 501, 502, 503, 505, 508, 511, 512, 521, 531, 556, 558, 559, 560, 561, 563, 580, 581, 582, 586, 590, 591, 592, 593, 691, 692, 693, 694, 695.

#### **Economics**

ECON \*410, \*421, \*423, \*424, \*427, \*429, \*442, \*445, \*466, \*478, 508, 509, 510, 520, 521, 522, 533, 534, 538, 540, 542, 543, 544, 545, 546, 560, 562, 564, 565, 581, 582, 583, 584, 585, 595.

#### **Geography and Environmental Studies (See separate Form C for this proposed concentration)**

GEOG \*445, \*481L, 499, 501, 502, 514, 515, 516, 517, 525, 561, 562, 564, 567, 580L, 581L, 583L, 584L, 585L, 586L, 587L, 588L, 591

#### **History**

HIST 518, 560, 570, 571, 573, 574, 576, 577, 629, 643, 644, 645, 648, 649, 650, 651, 652, 653, 656, 664, 665, 673, 685, 686, 687, 688, 689, 690, 692.

#### **International Management**

MGMT 511, 524, 574, 583, 594, 595, 596, 597.

#### **Political Science (See separate Form C for this proposed concentration)**

POLS 510, 511, 512, 520, 521, 525, 540, 541, 551, 552, 570, 580, 581, 582, 584, 585, 681

**Public Health** (See separate Form C for this proposed concentration)

PH 502, 505, 508, 533, 554, 556, 565, 579, 583, 587; ANTH 620; CJ 553, 555; ECON 564;  
HIST 610; SOC 540; SPAN \*439

**Sociology**

SOC \*420, 461, 506, 507, 509, 510, 514, 520, 528, 532, 584.

**Spanish American Literature**

SPAN 438, 502, 504, 531, 536, 601, 631, 639.

**Spanish Linguistics**

SPAN 541, 545, 546, 547, 549.

Relevant electives outside of the Department may be taken only if pre-approved by the departmental Graduate Committee.

### Reason for Request

The proposed Built Environment concentration in the PhD in Latin American Studies would promote in-depth study of Architecture and Planning in Latin America from an integrated perspective. As a National Resource Center for Latin America, UNM's Latin American and Iberian Institute has made two of its Title VI priorities the study of sustainability and indigenous studies, including sustainable planning, preservation and regionalism, cultural aspects of community development, and indigenous planning in Latin America. The previous cycle of NRC Title VI seeded many of these courses, and financed a faculty bridge hire in Indigenous Planning in Latin America, to commence in August 2015.

**From:** Mark Childs mchilds@unm.edu  
**Subject:** Re: Built Environment concentration  
**Date:** February 6, 2015 at 1:15 PM  
**To:** Matias Fontenla fontenla@unm.edu

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I am out of town but yes the faculty of SA&P approved the concentration

Sent from my iPhone

On Feb 6, 2015, at 11:51 AM, Matias Fontenla <[fontenla@unm.edu](mailto:fontenla@unm.edu)> wrote:

Mark,

The form C on Built Environment as a concentration is moving along. However, my associate dean contacted me and asked me for evidence that SAP is on board with it. I thought you sent me an email with the results of your (positive) faculty vote, but I can't seem to find it. Could you resend it to me? Or a quick reply to this email stating that SAP is on board will probably suffice!  
Thanks!

Saludos,  
Matias

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Matias Fontenla  
Director, Latin American Studies  
Associate Director, Latin American and Iberian Institute  
Associate Professor of Economics  
University of New Mexico  
<https://sites.google.com/site/wwwmatiasfontenla/>  
<http://www.laii.unm.edu/>

---

On Oct 21, 2014, at 3:26 PM, Matias Fontenla <[fontenla@unm.edu](mailto:fontenla@unm.edu)> wrote:

can you send me the amendments?  
We are working on the form c as we speak.  
My Committee met Monday and approved the concentration!

On Oct 21, 2014, at 3:23 PM, Mark Childs <[mchilds@unm.edu](mailto:mchilds@unm.edu)> wrote:

Matias:

The arch faculty met today and I have a few minor amendments to our proposal. How should I get these to you and where are we in the process of submitting the Form C?

Mark

Mark C. Childs  
Acting Assoc. Dean  
Director of Urban and Regional Design Certificate  
[Mchilds@unm.edu](mailto:Mchilds@unm.edu)  
505-277-5059

Author:  
Urban Composition (2013 EDRA Award Winner)  
Squares (Planetzine 2005 Top 10 Books)

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1528**

Fields marked with \* are required

**Name of Initiator:** Amanda Kay Wolfe    **Email:** [akwolfe@unm.edu](mailto:akwolfe@unm.edu)    **Phone Number:** 505 277-7044    **Date:** 10-31-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact  Administrative Contact   
Department  Admin Email   
**Branch** Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[LAS PHD ExactTitle.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

[PHD LAS Reason.doc.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[PhD LAS Impact.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

Proposed Language	Existing Language
<p>(Added language in blue)</p> <p><b>Ph.D. in Latin American Studies</b></p> <p>The Ph.D. in Latin American Studies (LAS) is a small and highly selective program designed to prepare students for a limited number of targeted careers that are best advanced by an interdisciplinary doctorate. Such students would include individuals who seek employment in areas where the ability to do research and teach across disciplines would be an advantage, and where having skills in two disciplines, combined with Latin American area expertise, would be more useful than extensive training within one discipline.</p> <p><u>Degree Requirements:</u></p> <p>General University rules and regulations pertaining to graduate study at the University of New Mexico are detailed in the UNM Catalog, available at <a href="http://catalog.unm.edu/">http://catalog.unm.edu/</a>. The Latin American Studies Graduate Student Handbook provides more in-depth information to students in the LAS program. The handbook is updated each year, and is available at <a href="http://www.laii.unm.edu/academics/">http://www.laii.unm.edu/academics/</a>. Students are responsible for knowing and abiding by the rules laid out in the UNM Catalog and the LAS handbook.</p> <p>The Ph.D. in Latin American Studies requires a minimum of 48 hours of graduate credit work, plus an additional 18 dissertation credit hours, for a total of 66 credit hours.</p> <p>Students choose 2 concentrations for a total of 42 credit hours, plus 6 credit hours of elective courses. The concentrations include Anthropology, Built Environment (School of Architecture &amp; Planning), Art History, Brazilian Literature, Communication, Economics, Geography &amp; Environmental Studies, History, International Management (Anderson School of Management), Political Science, Public Health (School of Public</p>	<p><b>(Deleted language in red)</b></p> <p><b>Ph.D. in Latin American Studies</b></p> <p>The Ph.D. in Latin American Studies is a very small and highly selective program designed to prepare students for a limited number of carefully targeted careers that require truly interdisciplinary research at the doctoral level. For most academic positions, especially those in the social sciences, a Ph.D. in a single discipline is preferred, and an interdisciplinary degree places job candidates at a distinct advantage. For the following careers or situations, an interdisciplinary Ph.D. in Latin American Studies may offer unique advantages: academic positions in small liberal arts colleges, particularly directing Latin American Studies programs; academic positions in a limited number of programs at research universities, such as in Art History, Colonial Latin American Literatures, and Brazilian Literary and Cultural Studies; academic positions in the Humanities in which a deep knowledge of both Spanish American and Brazilian cultures, histories, or societies is desired; museum curatorship; academic library curatorship; international cultural exchange; international diplomacy; policy studies; major mid-career research projects that would be well-served by an academic degree program.</p> <p><b>Applications:</b> In addition to the materials required by the University of New Mexico Office of Admissions, the following items must be submitted directly to the Latin American Studies Program: three letters of recommendation, a letter of intent, an academic writing sample, unofficial copies of transcripts, and GRE scores.</p> <p><b>Prerequisite:</b> A master's degree in the concentration from Group A or in Latin American Studies with appropriate areas of concentration is required. Specific entrance requirements may vary depending on the student's intended concentration. Applications</p>

Health), Sociology, Spanish American Literature, and Spanish Linguistics. The LAS handbook provides the requirements for each concentration. Students can choose 21 credit hours in each concentration, so that both concentrations have equal weight, or 15-27 credit hours in each, with a primary and secondary concentration.

Of the 48 total credit hours required for the Ph.D., a minimum of 24 credit hours must be taken after admission to the doctoral program. The Associate Director for Academic Programs must approve any course work taken at the master's level and applied towards the Ph.D.

Competence is required in one Latin American language by the time of degree completion. Competence in more than one Latin American language may be critical in certain areas of study. As such, some concentrations may require competence in a second language. For details, see the LAS handbook. Competence is considered to be successful completion of advanced level course work, or passing a language proficiency examination. Students who have completed an undergraduate or graduate degree in Latin America or Iberia satisfy the language requirements.

A Committee on Studies (COS) must be formed at least one semester before the student plans to take comprehensive examinations. The COS will be composed of at least 2 members from each concentration. The student creates a reading list in consultation with all members of his or her COS and the committee approves the list the semester prior to the scheduled exam. The comprehensive examinations will be coordinated and administered by the LAS program in conjunction with the student's COS.

### **Concentration Requirements**

are screened by the Associate Director for Academic Programs, the LAII Director, the Interdisciplinary Committee on Latin American Studies (ICLAS), and the department of the proposed Group A concentration. Applicants must demonstrate that their academic and career goals cannot be served by a single disciplinary Ph.D. degree and must provide a statement of career aims and a preliminary dissertation proposal that clarifies the necessary integration of two or more disciplines.

### **Degree Requirements**

The program requires a minimum of 54 credit hours of graduate credit work (not including dissertation) beyond the Bachelor's degree. This work must include LTAM 510 Pro-Seminar in Latin American Studies, a concentration from Group A consisting of at least 30 credit hours, and another concentration from Group B consisting of at least 15 credit hours. Group A and B course work may include specific course requirements set by the corresponding departments. The remaining 6 credit hours may be elective credits or additional course credits in either of the concentrations. Of the 54 total credit hours required for the Ph.D., a minimum of 24 credit hours must be taken after admission to the doctoral program. (Any course work taken at the master's level and applied towards the Ph.D. must be approved by both the Associate Director and the student's Committee on Studies.) Course work at UNM must include 15 credit hours in the concentration from Group A and 9 credit hours in the concentration from Group B. Students develop expertise in two areas within each concentration. See concentration requirements listed under Ph.D. in Latin American Studies.

A Committee on Studies (COS) must be formed before the conclusion of the semester preceding the semester in which the student

Students select two concentrations from the following.

Anthropology, Art History, Brazilian Literature and Culture, Built Environment, Economics, Geography and Environmental Studies, History, International Management, Political Science, Public Health, Sociology, Spanish American Literature, and Spanish Linguistics.

Select from the following list of courses for each concentration, in consultation with the Associate Director for Academic Programs and the COS. All courses must contain at least 40% Latin American content; exceptions may be approved by the Associate Director and COS.

**Anthropology**

ANTH 510, 511, 522, 524, 529, 532, 533, 537, 539, 546, 547, 561, 574, 579, 585.

**Art History**

ARTH 500, 511, 512, 529, 549, 550, 560, 580, 583, 585, 590, 593, 594.

**Brazilian Literature and Culture**

PORT \*461, 514, 515, 516, 517, 521, 557, 558, 570, SPAN 502.

**Built Environment (Architecture & Planning)**

ARCH 502, 503, 504, 505, 509, 515, 516, 517, 521, 522, 523, 524, 525, 526, 534, 541, 542, 544, 551, 552, 563, 564, 581, 590, 591, 592, 593, 661, 662, 691, 692, 693, 694, 695.

CRP 500, 503, 508, 510, 511, 513, 515, 516, 520, 521, 525, 527, 528, 530, 531, 532, 533, 535, 536, 537, 543, 545, 551, 562, 563, 565, 567, 568, 569, 570, 572, 573, 574, 576, 577, 578, 580, 581, 582, 583, 584, 585, 587, 590, 591, 592, 593, 691, 692, 693, 694, 695.

LA 501, 502, 503, 505, 508, 511, 512, 521, 531, 556, 558, 559, 560, 561, 563, 580, 581, 582, 585, 586, 590, 591, 592, 593, 691, 692, 693, 694, 695.

plans to take comprehensive examinations and a program of studies must be developed and approved by the Associate Director by the end of the second semester. The COS is composed of three members from the student's Group A concentration and two members from the Group B concentration. Under no circumstances are the comprehensive examinations be administered by less than the approved five-member committee.

Comprehensive examinations are given at the completion of all course work in both concentrations. The student creates a reading list in consultation with all members of his or her COS and the list is approved by the COS by at least the semester prior to the written exam. The comprehensive examinations are coordinated and administered by the Associate Director in conjunction with the student's COS. There is a 6-8 hour written examination covering two areas of study within the Group A concentration and a 4-6 hour written examination covering two areas of study within the Group B concentration. The written examination in the Group A concentration is followed by an oral examination in no more than two weeks. All examinations are taken during the same semester.

A separate dissertation committee oversees the doctoral dissertation project. Members of this committee frequently also served on the student's COS. This does not, however, have to be the case. The dissertation committee consists of at least two Latin American Studies faculty members from the Group A concentration (one of whom serves as the chair), one Latin American Studies faculty member from the Group B concentration, and a fourth member from "at large" that is approved by the Associate Director. If the student and committee chair agree, another Latin American Studies faculty member may serve as co-chair. The co-chair would need to be from either the

**Economics**

ECON \*410, \*421, \*423, \*424, \*427, \*429, \*442, \*445, \*466, \*478, 508, 509, 510, 520, 521, 522, 533, 534, 538, 540, 542, 543, 544, 545, 546, 560, 562, 564, 565, 581, 582, 583, 584, 585, 595.

**Geography and Environmental Studies**

GEOG 445, 481, 499, 501, 502, 514, 515, 516, 517, 525, 561, 562, 564, 567, 580, 581, 583, 584, 584, 586, 587, 588, 591.

**History**

HIST 518, 560, 570, 571, 573, 574, 576, 577, 629, 643, 644, 645, 648, 649, 650, 651, 652, 653, 656, 664, 665, 673, 685, 686, 687, 688, 689, 690, 692.

**International Management**

MGMT 511, 524, 574, 583, 594, 595, 596, 597.

**Political Science**

POLS 510, 511, 512, 520, 521, 525, 540, 541, 551, 552, 570, 580, 581, 582, 584, 585, 681.

**Public Health**

PH 502, 505, 508, 533, 554, 556, 565, 579, 583, 587; ANTH 620; CJ 553, 555; ECON 564; HIST 610; SOC 540; SPAN 439

**Sociology**

SOC \*420, 461, 506, 507, 509, 510, 514, 520, 528, 532, 584.

**Spanish American Literature**

SPAN 438, 502, 504, 531, 536, 601, 631, 639.

**Spanish Linguistics**

SPAN 541, 545, 546, 547, 549.

**Relevant electives outside of the Department may be taken only if pre-approved by the departmental Graduate Committee.**

**Group A or Group B concentration.**

Competence is required in two languages chosen from Spanish, Portuguese, Haitian Creole, or Latin American indigenous languages, by the time of degree completion. Students may petition to substitute a different language if needed for the dissertation. (Basic competence is considered the equivalent of the successful completion of advanced level course work in the primary language and two semesters or more of study in the second language.)

General requirements for the Ph.D. are set forth in earlier pages of this Catalog. Students must write and successfully defend a dissertation.

**Concentration Requirements**

Students select a concentration from Group A and a concentration from Group B.

**Group A:** Anthropology, Art History, Brazilian Literature and Culture, Sociology, Spanish American Literature, and Spanish Linguistics.

**Group B:** Anthropology, Art History, Brazilian Literature and Culture, Economics, History, International Management, Sociology, Spanish American Literature, and Spanish Linguistics.

Select from the following list of courses for each concentration, in consultation with the Associate Director for Academic Programs and the COS. All courses must contain at least 40% Latin American content; exceptions may be approved by the Associate Director and COS. Some of the following courses may have 40% Latin American content only when taught by an LAS instructor. Substitutions for these courses are considered on a case-by-case

basis.

**Anthropology**

ANTH 510, 511, 522, 524, 529, 532, 533, 537, 539, 546, 547, 561, 574, 579, 585.

**Art History**

ARTH 500, 511, 512, 529, 549, 550, 560, 580, 583, 585, 590, 593, 594.

**Brazilian Literature and Culture**

PORT \*461, 514, 515, 516, 517, 521, 557, 558, 570, SPAN 502.

**Economics**

ECON \*410, \*421, \*423, \*424, \*427, \*429, \*442, \*445, \*466, \*478, 508, 509, 510, 520, 521, 522, 533, 534, 538, 540, 542, 543, 544, 545, 546, 560, 562, 564, 565, 581, 582, 583, 584, 585, 595.

**History**

HIST 518, 560, 570, 571, 573, 574, 576, 577, 629, 643, 644, 645, 648, 649, 650, 651, 652, 653, 656, 664, 665, 673, 685, 686, 687, 688, 689, 690, 692.

**International Management**

MGMT 511, 524, 574, 583, 594, 595, 596, 597.

**Sociology**

SOC \*420, 461, 506, 507, 509, 510, 514, 520, 528, 532, 584.

**Spanish American Literature**

SPAN 438, 502, 504, 531, 536, 601, 631, 639.

**Spanish Linguistics**

SPAN 541, 545, 546, 547, 549.

**Relevant electives outside of the Department may be taken only if pre-approved by the departmental Graduate Committee.**



### Reason for Request

The proposed changes for the PhD in Latin American Studies would allow students to pursue a more interdisciplinary degree. By eliminating the A and B concentration, students are able to apply equal attention to both fields of study for more cross-disciplinary studies.

Additionally, revisions to the language requirement would provide more flexibility for the student within the chosen fields of study. These proposed changes would allow a student to implement either more or less language learning as seen fit based upon the unique combination of concentrations.

### Impact and Workload Implications

The impact on programmatic resources will be positive, though relatively minor. The impact on the quality of the program will be significant and positive, as the program will allow students to more effectively obtain a PhD in Latin American Studies. No additional faculty or staff resources are needed.

The proposed changes would likely influence admissions to the PhD in Latin American Studies program. It is expected to see an increase in prospective students who wish to obtain a more interdisciplinary degree. No additional faculty or courses will be necessary. The changes would not require any additional resources from the UNM Libraries or IT beyond those associated with slight increases in graduate enrollments in certain courses. No additional specialized collections of information resources would be required.

The proposed revisions for the PhD in Latin American Studies draw entirely on current faculty, currently-offered courses, and a strong library collection. No additional library, budgetary, or faculty resources are required. Furthermore, there is no additional impact on long-range planning. There are no additional proposed courses or requirements that would require resources.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1529**

Fields marked with \* are required

**Name of Initiator:** Amanda Kay Wolfe    **Email:** [akwolfe@unm.edu](mailto:akwolfe@unm.edu)    **Phone Number:** 505 277-7044    **Date:** 10-31-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact  Administrative Contact   
Department  Admin Email   
**Branch** Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.  
See current catalog for format within the respective college (upload a doc/pdf file)

[PhD LAS GeographyEnvironmentalStudies ExactTitle.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

[PHD LAS GeographyEnvironmentalStudies Reason.doc.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[GES agreement concentration.pdf](#)

[PhD LAS GeographyEnvironmentalStudies Impact.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## PhD LAS Geography and Environmental Studies Concentration

### **Concentration Requirements**

Select from the following list of courses for each concentration, in consultation with the Associate Director for Academic Programs and the COS. All courses must contain at least 40% Latin American content; exceptions may be approved by the Associate Director and COS. Some of the following courses may have 40% Latin American content only when taught by an LAS instructor. Substitutions for these courses are considered on a case-by-case basis.

#### **Anthropology**

ANTH 510, 511, 522, 524, 529, 532, 533, 537, 539, 546, 547, 561, 574, 579, 585.

#### **Art History**

ARTH 500, 511, 512, 529, 549, 550, 560, 580, 583, 585, 590, 593, 594.

#### **Brazilian Literature and Culture**

PORT \*461, 514, 515, 516, 517, 521, 557, 558, 570, SPAN 502.

#### **Built Environment (Architecture & Planning)** (See separate Form C for this proposed concentration)

ARCH 502, 503, 504, 505, 509, 515, 516, 517, 521, 522, 523, 524, 534, 541, 542, 544, 551, 552, 563, 564, 581, 590, 591, 592, 593, 661, 662, 691, 692, 693, 694, 695.  
CRP 500, 503, 508, 510, 511, 513, 515, 516, 520, 521, 525, 527, 528, 530, 531, 532, 533, 535, 537, 543, 545, 551, 562, 563, 565, 567, 569, 570, 572, 573, 574, 576, 577, 578, 580, 581, 582, 583, 584, 585, 587, 590, 591, 592, 593, 691, 692, 693, 694, 695.  
LA 501, 502, 503, 505, 508, 511, 512, 521, 531, 556, 558, 559, 560, 561, 563, 580, 581, 582, 586, 590, 591, 592, 593, 691, 692, 693, 694, 695.

#### **Economics**

ECON \*410, \*421, \*423, \*424, \*427, \*429, \*442, \*445, \*466, \*478, 508, 509, 510, 520, 521, 522, 533, 534, 538, 540, 542, 543, 544, 545, 546, 560, 562, 564, 565, 581, 582, 583, 584, 585, 595.

#### **Geography and Environmental Studies**

GEOG \*445, \*481L, 499, 501, 502, 514, 515, 516, 517, 525, 561, 562, 564, 567, 580L, 581L, 583L, 584L, 585L, 586L, 587L, 588L, 591

#### **History**

HIST 518, 560, 570, 571, 573, 574, 576, 577, 629, 643, 644, 645, 648, 649, 650, 651, 652, 653, 656, 664, 665, 673, 685, 686, 687, 688, 689, 690, 692.

#### **International Management**

MGMT 511, 524, 574, 583, 594, 595, 596, 597.

#### **Political Science** (See separate Form C for this proposed concentration)

POLS 510, 511, 512, 520, 521, 525, 540, 541, 551, 552, 570, 580, 581, 582, 584, 585, 681

**Public Health** (See separate Form C for this proposed concentration)

PH 502, 505, 508, 533, 554, 556, 565, 579, 583, 587; ANTH 620; CJ 553, 555; ECON 564; HIST 610; SOC 540; SPAN \*439

**Sociology**

SOC \*420, 461, 506, 507, 509, 510, 514, 520, 528, 532, 584.

**Spanish American Literature**

SPAN 438, 502, 504, 531, 536, 601, 631, 639.

**Spanish Linguistics**

SPAN 541, 545, 546, 547, 549.

Relevant electives outside of the Department may be taken only if pre-approved by the departmental Graduate Committee.

### Reason for Request

The proposed Geography and Environmental Studies Concentration in the PhD in Latin American Studies would promote in-depth study of Geography and Environmental Science in Latin America from an integrated social science perspective. As a National Resource Center for Latin America, UNM's Latin American and Iberian Institute has made one of its Title VI priorities the study of sustainability, encompassing the geography and environment in Latin America. The proposed concentration is highly integrated in the Geography department and would allow dedicated students to build an adequate knowledge base of Geography and Environmental Studies in Latin America. The Geography and Environmental Studies concentration draws on UNM's strengths in teaching and research, which includes faculty in Geography.

**From:** Chris S Duvall duvall@unm.edu  
**Subject:** Re: Ecuadorean PHD LAS Applicant for January: Ursula Freire  
**Date:** February 6, 2015 at 1:15 PM  
**To:** Matias Fontenla fontenla@unm.edu  
**Cc:** John Newman Carr carrj@unm.edu, Maria Lane mdlane@unm.edu



Dear Matias:  
Thanks--of course we support it. I was at the curriculum committee meeting and expressed our support for it...

Take care,  
Chris

On Feb 6, 2015, at 1:08 PM, Matias Fontenla <[fontenla@unm.edu](mailto:fontenla@unm.edu)> wrote:

All,

The form C on GES as a concentration is moving along. However, associate dean Diane Marshall contacted me and asked me for evidence that GES is on board with it. A quick reply to this email stating that GES is on board will probably suffice!

Thanks!

Saludos,  
Matias

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Matias Fontenla  
Director, Latin American Studies  
Associate Director, Latin American and Iberian Institute  
Associate Professor of Economics  
University of New Mexico  
<https://sites.google.com/site/wwwmatiasfontenla/>  
<http://www.laii.unm.edu/>

On Nov 21, 2014, at 2:50 PM, John Newman Carr <[carrj@unm.edu](mailto:carrj@unm.edu)> wrote:

Matias,

After a brief meeting today, the faculty unanimously voted to accept Ursula, with the understanding that GES will be her secondary concentration. We are very excited about this candidate, and the start of the LAS/ Ecuadorian PhD project.

That said, we would make a couple of requests for future PhD applicants:

1. Please have the applicant let us know whether we will be the primary or secondary concentration for the student, and
2. If we are the primary concentration, please have the applicant identify their preferred advisor within Geography.

Cheers!!!!

John Carr

On Nov 17, 2014, at 1:35 PM, Matias Fontenla wrote:

Maria, Chris, and John!

Here is the link to the application of Ursula Freire, who is applying to the PhD in LAS, and listed GES as a concentration. LAS rules say that I need your OK (John's, or whoever he designates) before a PhD student in LAS can come and choose your concentration. Could you take a look at her, and let me know if you don't object her being accepted to the PhD in LAS? As soon as you could? Thanks!!!

<https://drive.google.com/folderview?id=0B0Nd3IH2K9FXanp3eERlb2R0dlk&usp=sharing>

**Latin American Studies PhD:**

As you may recall, our PhD program in Latin American Studies requires students to choose 2 concentrations, with 5-9 courses in each. Some concentrations have very clear guidelines, with required theory and methods courses, + electives. Other concentrations allow the student to design their own curriculum (with the advise of faculty). Students take comprehensive exams in each concentration. Faculty in each concentration have the freedom to design the comp exam (based on courses the student took, a pre-determined list of topics, written, oral, take-home, in-class, open books, closed-books, etc) For the dissertation, the student matches with an advisor, in their preferred concentration, the usual way: compatible research agendas, and mutual interest in working together. This could be in either concentration

interest in working together. This could be in either concentration.

**As for the Ecuador initiative:**

- The LAII will directly **share revenues** from this venture with departments and individual faculty. Some tuition revenues goes directly to Deans and Dept Chairs, in addition to stipends for faculty that take on students, travel + per-diem to Ecuador, summer salaries, etc. We may also bridge 2 faculty hires per year for departments that participate.
- Students come fully funded by UCE, are faculty at UCE with MA's.
- They come for 3-4 semesters, after which they need to return to their positions, with a reduced teaching load until they finish their PhD's. If they are missing any course requirements after their time at UNM, they could participate in courses via Skype, online, we can send faculty to teach courses in Ecuador, and/or they can come for shorter periods, particularly for dissertation defense.

Let me know if you have any more questions, or if you want to meet/talk by phone!!  
Thanks!!!!!!

Matías

John Carr, J.D., Ph.D.  
Assistant Professor  
Department of Geography and Environmental Studies  
University of New Mexico  
<http://geography.unm.edu/>

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1530**

Fields marked with \* are required

**Name of Initiator:** Amanda Kay Wolfe    **Email:** [akwolfe@unm.edu](mailto:akwolfe@unm.edu)    **Phone Number:** 505 277-7044    **Date:** 10-31-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact  Administrative Contact   
Department  Admin Email   
**Branch** Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[PhD LAS PoliticalScience ExactTitle.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

[PhD LAS PoliticalScience Reason.doc.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C for POLS as a PhD concentration .pdf](#)

[PhD LAS PoliticalScience Impact.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## PhD LAS Political Science Concentration

### **Concentration Requirements**

Select from the following list of courses for each concentration, in consultation with the Associate Director for Academic Programs and the COS. All courses must contain at least 40% Latin American content; exceptions may be approved by the Associate Director and COS. Some of the following courses may have 40% Latin American content only when taught by an LAS instructor. Substitutions for these courses are considered on a case-by-case basis.

#### **Anthropology**

ANTH 510, 511, 522, 524, 529, 532, 533, 537, 539, 546, 547, 561, 574, 579, 585.

#### **Art History**

ARTH 500, 511, 512, 529, 549, 550, 560, 580, 583, 585, 590, 593, 594.

#### **Brazilian Literature and Culture**

PORT \*461, 514, 515, 516, 517, 521, 557, 558, 570, SPAN 502.

#### **Built Environment (Architecture & Planning)** (See separate Form C for this proposed concentration)

ARCH 502, 503, 504, 505, 509, 515, 516, 517, 521, 522, 523, 524, 534, 541, 542, 544, 551, 552, 563, 564, 581, 590, 591, 592, 593, 661, 662, 691, 692, 693, 694, 695.  
CRP 500, 503, 508, 510, 511, 513, 515, 516, 520, 521, 525, 527, 528, 530, 531, 532, 533, 535, 537, 543, 545, 551, 562, 563, 565, 567, 569, 570, 572, 573, 574, 576, 577, 578, 580, 581, 582, 583, 584, 585, 587, 590, 591, 592, 593, 691, 692, 693, 694, 695.  
LA 501, 502, 503, 505, 508, 511, 512, 521, 531, 556, 558, 559, 560, 561, 563, 580, 581, 582, 586, 590, 591, 592, 593, 691, 692, 693, 694, 695.

#### **Economics**

ECON \*410, \*421, \*423, \*424, \*427, \*429, \*442, \*445, \*466, \*478, 508, 509, 510, 520, 521, 522, 533, 534, 538, 540, 542, 543, 544, 545, 546, 560, 562, 564, 565, 581, 582, 583, 584, 585, 595.

#### **Geography and Environmental Studies** (See separate Form C for this proposed concentration)

GEOG \*445, \*481L, 499, 501, 502, 514, 515, 516, 517, 525, 561, 562, 564, 567, 580L, 581L, 583L, 584L, 585L, 586L, 587L, 588L, 591

#### **History**

HIST 518, 560, 570, 571, 573, 574, 576, 577, 629, 643, 644, 645, 648, 649, 650, 651, 652, 653, 656, 664, 665, 673, 685, 686, 687, 688, 689, 690, 692.

#### **International Management**

MGMT 511, 524, 574, 583, 594, 595, 596, 597.

#### **Political Science**

POLS 510, 511, 512, 520, 521, 525, 540, 541, 551, 552, 570, 580, 581, 582, 584, 585, 681

**Public Health** (See separate Form C for this proposed concentration)

PH 502, 505, 508, 533, 554, 556, 565, 579, 583, 587; ANTH 620; CJ 553, 555; ECON 564; HIST 610; SOC 540; SPAN 439

**Sociology**

SOC \*420, 461, 506, 507, 509, 510, 514, 520, 528, 532, 584.

**Spanish American Literature**

SPAN 438, 502, 504, 531, 536, 601, 631, 639.

**Spanish Linguistics**

SPAN 541, 545, 546, 547, 549.

Relevant electives outside of the Department may be taken only if pre-approved by the departmental Graduate Committee.

### Reason for Request

The proposed Political Science concentration in the PhD in Latin American Studies would promote in-depth study of Political Science in Latin America from an integrated social science perspective. The proposed concentration is highly integrated in the Political Science department and would allow dedicated students to build an adequate knowledge base of Political Science in Latin America. The Political Science concentration draws on UNM's strengths in teaching and research, with notable faculty in Political Science.

### Impact and Workload Implications

The proposed changes would likely influence enrollments modestly in Political Science courses. Experience with other interdisciplinary concentrations involving LAS suggests enrollment in the listed courses should exceed no more than 2 or 3 students. The Political Science department has sufficient capacity to support the shift in enrollments in specific courses associated with the proposed changes. Finally, no additional faculty or courses will be necessary.

The changes would not require any additional resources from the UNM Libraries or IT beyond those associated with slight increases in graduate enrollments in certain courses. No additional specialized collections of information resources would be required.

The Political Science concentration draws entirely on current faculty, currently-offered courses, and a strong library collection. No additional budgetary or faculty resources are required. In addition, there is no additional impact on long-range planning. There are no additional proposed courses or requirements that would require resources.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1531**

Fields marked with \* are required

**Name of Initiator:** Amanda Kay Wolfe    **Email:** [akwolfe@unm.edu](mailto:akwolfe@unm.edu)    **Phone Number:** 505 277-7044    **Date:** 10-31-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact  Administrative Contact   
Department  Admin Email   
**Branch** Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[PhD LAS PublicHealth ExactTitle.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

[PhD LAS PublicHealth Reason.doc.docx](#)  
[LAS PhD PublicHealth Tollestrup Support.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[PhD LAS PublicHealth Impact.docx](#)  
[Tollestrup agreement on Public Health Concentration.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## PhD LAS Political Science Concentration

### **Concentration Requirements**

Select from the following list of courses for each concentration, in consultation with the Associate Director for Academic Programs and the COS. All courses must contain at least 40% Latin American content; exceptions may be approved by the Associate Director and COS. Some of the following courses may have 40% Latin American content only when taught by an LAS instructor. Substitutions for these courses are considered on a case-by-case basis.

#### **Anthropology**

ANTH 510, 511, 522, 524, 529, 532, 533, 537, 539, 546, 547, 561, 574, 579, 585.

#### **Art History**

ARTH 500, 511, 512, 529, 549, 550, 560, 580, 583, 585, 590, 593, 594.

#### **Brazilian Literature and Culture**

PORT \*461, 514, 515, 516, 517, 521, 557, 558, 570, SPAN 502.

#### **Built Environment (Architecture & Planning)** (See separate Form C for this proposed concentration)

ARCH 502, 503, 504, 505, 509, 515, 516, 517, 521, 522, 523, 524, 534, 541, 542, 544, 551, 552, 563, 564, 581, 590, 591, 592, 593, 661, 662, 691, 692, 693, 694, 695.  
CRP 500, 503, 508, 510, 511, 513, 515, 516, 520, 521, 525, 527, 528, 530, 531, 532, 533, 535, 537, 543, 545, 551, 562, 563, 565, 567, 569, 570, 572, 573, 574, 576, 577, 578, 580, 581, 582, 583, 584, 585, 587, 590, 591, 592, 593, 691, 692, 693, 694, 695.  
LA 501, 502, 503, 505, 508, 511, 512, 521, 531, 556, 558, 559, 560, 561, 563, 580, 581, 582, 586, 590, 591, 592, 593, 691, 692, 693, 694, 695.

#### **Economics**

ECON \*410, \*421, \*423, \*424, \*427, \*429, \*442, \*445, \*466, \*478, 508, 509, 510, 520, 521, 522, 533, 534, 538, 540, 542, 543, 544, 545, 546, 560, 562, 564, 565, 581, 582, 583, 584, 585, 595.

#### **Geography and Environmental Studies** (See separate Form C for this proposed concentration)

GEOG \*445, \*481L, 499, 501, 502, 514, 515, 516, 517, 525, 561, 562, 564, 567, 580L, 581L, 583L, 584L, 585L, 586L, 587L, 588L, 591

#### **History**

HIST 518, 560, 570, 571, 573, 574, 576, 577, 629, 643, 644, 645, 648, 649, 650, 651, 652, 653, 656, 664, 665, 673, 685, 686, 687, 688, 689, 690, 692.

#### **International Management**

MGMT 511, 524, 574, 583, 594, 595, 596, 597.

#### **Political Science** (See separate Form C for this proposed concentration)

POLS 510, 511, 512, 520, 521, 525, 540, 541, 551, 552, 570, 580, 581, 582, 584, 585, 681

**Public Health**

PH 502, 505, 508, 533, 554, 556, 565, 579, 583, 587; ANTH 620; CJ 553, 555; ECON 564; HIST 610; SOC 540; SPAN \*439

**Sociology**

SOC \*420, 461, 506, 507, 509, 510, 514, 520, 528, 532, 584.

**Spanish American Literature**

SPAN 438, 502, 504, 531, 536, 601, 631, 639.

**Spanish Linguistics**

SPAN 541, 545, 546, 547, 549.

Relevant electives outside of the Department may be taken only if pre-approved by the departmental Graduate Committee.

### Reason for Request

The proposed Public Health Concentration in the PhD in Latin American Studies would promote in-depth study of Public Health in Latin America from an integrated social science or social science and humanities perspective. As a National Resource Center for Latin America, UNM's Latin American and Iberian Institute has made one of its Title VI priorities sustainability, which includes health in Latin America.

The proposed concentration is highly interdisciplinary and provides a course of in-depth study through which students may build an adequate knowledge base of Public Health in Latin America. The Public Health concentration draws on UNM's strengths in teaching and research, which includes faculty in Public Health, Anthropology, Communications, Economics, History, and Sociology.

### Impact and Workload Implications

The proposed changes would likely influence enrollments modestly among the Public Health, Anthropology, Communication, Economics, History, and Sociology courses. Experience with other interdisciplinary concentrations involving LAS suggests enrollment in the listed courses should exceed no more than 2 or 3 students. The above departments have sufficient capacity to support the shift in enrollments in specific courses associated with the proposed changes. Finally, no additional faculty or courses will be necessary.

The changes would not require any additional resources from the UNM Libraries or IT beyond those associated with slight increases in graduate enrollments in certain courses. No additional specialized collections of information resources would be required.

The Public Health Concentration draws entirely on current faculty, currently-offered courses, and a strong library collection. No additional budgetary or faculty resources are required. In addition, there is no additional impact on long-range planning. There are no additional proposed courses or requirements that would require resources.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1532**

Fields marked with \* are required

**Name of Initiator:** Terry Horger    **Email:** [thorger@unm.edu](mailto:thorger@unm.edu)    **Phone Number:** 505 277-3325    **Date:** 10-31-2014

Associated Forms exist? Yes  Initiator's Title   
Faculty Contact  Administrative Contact   
Department  Admin Email   
Branch  Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type  
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[SUST Requirements Form C rev.Milne 12-17-14.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[SUST ADDENDUM TO FORM C rev 2-6-15.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## SUST Requirements

The minor in Sustainability Studies requires the successful completion of 21 credit hours. 12 hours are required core courses: SUST 134; one of 334, 364, or \*384; and 434, and 499. SUST 499 is a stretch course spanning two semesters, where students apply lessons from the sustainability minor in the context of their major discipline or other arena. Students may select a mentor to co-advise their project. Nine (9) remaining hours are taken from three groups of electives.

*Revised/updated 12/17/14*

## **SUSTAINABILITY STUDIES PROGRAM–ADDENDUM TO FORM C rev. 2/6/15**

### **COURSE JUSTIFICATION:**

- This course will be an addition to the core requirements for the minor in Sustainability Studies. Students will have the opportunity to enroll in either SUST 334 (Sustainability Practicum) or SUST 364 Growers' Market Practicum or SUST \*384 (Heritage Farming Practicum). Each of these courses fulfill the 3 credit hours of the total 21 credit hours required for the minor in sustainability.
- In this class students will learn the basis of sustainable horticulture for high desert areas with a cultural approach. Students will be involved in hands-on gardening and will learn principles of sustainable horticulture (from seeding to harvesting).
- Most importantly, this class will provide a cultural/historical perspective of farming in the Southwest.
- The objective of this approach is to create a deep understanding of where our crops come from, the importance of heritage and Native American farming and the value of heirloom crops for the coming generations.

### **IMPACT ON LONG-RANGE PLANING**

#### *Our Mission:*

The objective of Lobo Gardens is to provide the University of New Mexico students, faculty, and staff with opportunities to educate themselves and their communities about the practices and health benefits of growing one's food in sustainable ways.

#### *Educational Mission:*

- Lobo Gardens will provide unique service-learning, research, and educational opportunities to UNM students and the community at large.
- Lobo Gardens will partner with different departments and programs to offer classes, workshops, activities, and events.
- This will allow the UNM community to share the rewards and responsibilities of the Garden over time.

#### *Lobo Gardens will:*

- Provide the UNM and Albuquerque community with a laboratory for learning the practices of growing sustainable, nutritious food in urban environments.
- Be a leader in closing the food gap by making healthy food accessible to lower-income families around Albuquerque.
- Create an environment that enables participants to engage in physical outdoor work and reap the rewards by consuming and sharing the grown food.
- Increase awareness of hunger in New Mexico.

#### *Community Engagement:*

- As a learning laboratory for students and community, Lobo Gardens will cultivate cooperation and communication between UNM and the people of New Mexico
- The long-term vision for Lobo Gardens is to share and exchange knowledge of sustainable food practices with communities throughout Albuquerque and the state.
- Lobo Gardeners will conduct on-going research on the benefits and best practices of sustainable gardening.

#### **DETAILED BUDGET ANALYSIS**

- We will be seeking part-time faculty support from the College of Arts & Sciences.
- Special Course Fee form is being submitted along with Forms B and C in order to help cover the cost for seed, fertilizer, and other supplies.

#### **FACULTY WORKLOAD IMPLICATIONS:**

Dr. Warner Orozco with his background in horticulture and heritage farming will continue teaching this course as he did when it was listed as SUST 402\*.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1534**

Fields marked with \* are required

**Name of Initiator:** Maria Daniela Wilken    **Email:** [mdaniela@unm.edu](mailto:mdaniela@unm.edu)    **Phone Number:** 505 277-5560  
**Date:** 10-31-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
Branch    Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[catalog revisions for 2015-2016 R2.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

The current concentration requires Econ 560 (Public Economics) and Econ 562 (Evaluation of Public Programs) and a third course chosen from Econ 564 (Seminar in Health Economics), Econ 565 (Topics in Public Economics), and Econ 583 (Development Economics). Under this proposed revision, the concentration would continue to require Econ 560 (Public Economics). Students would then choose two courses from Econ 564 (Topics in Health Economics), Econ 565 (Topics in Public and Labor Economics), and Econ 533 (Seminar in Industrial Organization). We are requesting this change because it is not feasible for the current faculty in the Public Economics concentration to offer the courses in the current concentration in a timely manner. The composition of the Public Economics faculty has changed due to administrative appointments, faculty leaving the department, and new hires. These changes will make better use of faculty expertise and will allow the Public Economics concentration to offer a graduate field course each semester, allowing faster completion of the field courses by students. In brief, the motivation for the changes for the concentration are: " Changing Econ 564 from Seminar in Health Economics to Topics in Health Economics: Builds on current expertise in Health Economics among faculty and allows students to build a sub-specialty in Health Economics by allowing them to take the course multiple times with different faculty. (Repeating the course counts towards the degree but not towards the major.) " Changing Econ 565 from Topics in Public Economics to from Topics in Public and Labor Economics: There are currently two labor economists within the Public Economics faculty. They are not able to regularly offer all the labor economics courses currently on the books (thus the proposal to delete 520, 521, and 522). However, labor economics is an important component of public economics. Material from this sub-specialty will be available via this topics course. " Deletion of Econ 562 (Evaluation of Public Programs): No faculty are available to offer this course. If faculty become available in the future, it can be offered via Econ 565 (Topics in Public and Labor Economics). " Addition of Econ 533 (Seminar in Industrial Organization): Industrial Organization has important applications across a number of sub-fields in Public Economics, including health and labor. " To prevent cannibalization of students and negative impacts in student enrollment across the various concentrations, the faculty wants to maintain just four courses in each concentration.

[Form C reasons.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C Impacts on long-range planning.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the**

**following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

### **Application Deadlines for Admission**

Spring semester: August 1 (only under extreme circumstances)

Fall semester: International Students: March 1  
Domestic with aid: March 1  
Domestic without aid: July 1

### **Application Deadlines for Financial Aid**

As financial aid decisions are made earlier than the application deadlines, timely receipt of application materials is advisable for those interested in financial aid.

---

### **Degrees Offered**

- **Master of Arts in Economics (M.A.)**
- **Doctor of Philosophy in Economics (Ph.D.)**

The Department of Economics offers the M.A. degree in economics, with concentrations in Environmental/Natural Resource Economics, Public Finance, Labor/Human Resources Economics, International Development and Sustainability, Econometrics or Economic Theory. The master's degree is awarded under **Plan I** (thesis) or **Plan II** (exam).

The Department of Economics offers the Ph.D. degree with concentrations in Environmental and Natural Resource Economics, Public Economics, and International Development and Sustainability. The Ph.D. degree is awarded to students who have met the general requirements specified elsewhere in this Catalog and have demonstrated competency in economic theory (micro and macro), econometrics, and their concentration (9 credit hours). See the Economics Graduate Student Handbook for specific requirements.

### **Applicants to the Department of Economics M.A. and Ph.D. Programs:**

Recommended undergraduate course work consists of 12 credit hours of upper-division economic courses, including one semester of intermediate micro theory and macro theory. Students are required to have completed one semester of calculus (preferably the equivalent of UNM's MATH 162 or MATH 180). For individuals who are considering the graduate program, additional math coursework such as Linear Algebra and Calculus II is strongly recommended.

All applicants must submit their current (within the last three years) GRE-General Test Scores (verbal, quantitative, and analytical). International students, for whom English is not their first language or if English is not the official language spoken in their country, must submit results of

either the International English Language Testing System (IELTS), the Test of English as a Foreign Language (TOEFL), the University of Cambridge Examinations Certificate of Proficiency in English (CPE), or Certificate of Advanced English (CAE).

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## **Ph.D. in Economics**

### **Departmental Requirements**

A minimum of 48 credit hours of course work at the graduate level (with no more than six credit hours of approved 300- and 400-level courses) is required. Courses taken under a Credit/No-credit grading option do not count toward the required 48 credit hours of course work. Also, a minimum of 18 credit hours of dissertation credit (ECON 699) is required. A student may not count dissertation credit hours toward the 18 required credit hours until after successful completion of the core examination. In addition to the core curriculum requirements, all doctoral students must successfully complete a concentration consisting of at least nine credit hours of approved economics courses and a secondary concentration consisting of at least six credit hours of approved economics courses. All doctoral students must pass the core theory examination, a written examination in econometrics, and a research requirement in their concentration.

### **Core Requirements**

All Ph.D. students are required to complete a theory sequence and three core courses in statistics and econometrics, which gives the student an additional concentration (see below). The basic sequencing of the core curriculum consists of the following courses:

#### **Year 1**

Fall ECON 595 Workshop in Applied Economics (week prior to Fall semester)  
ECON 501 Microeconomics I  
ECON 504 Mathematical Tools and Economic Models  
ECON 506 Macroeconomics I  
ECON 508 Statistics and Introduction to Econometrics  
Spring ECON 513 Microeconomics II  
ECON 514 Macroeconomics II  
ECON 509 Econometrics I

#### **Year 2**

Fall ECON 510 Econometrics II

As part of his or her core curriculum all Ph.D students are also required to take at least one 500-level economics course that is not within the micro or macro curriculum, the econometrics curriculum, and is outside his or her concentration or secondary concentration. This course should be taken as a candidate's schedule permits.

## Concentrations

The department offers three Ph.D. concentrations:

- Environmental/Natural Resource Economics
- International Development and Sustainability
- Public Economics

A student is required to have a concentration in which he/she has successfully completed nine credit hours of study and a secondary concentration in which he/she has successfully completed six credit hours of study. As discussed above, the core requirements in econometrics grant the student an additional secondary concentration in econometrics. The courses available in each concentration are:

### Environmental/Natural Resource Economics

- ECON 540 Natural Resource, Environmental and Ecological Modeling I
- ECON 542 Topics in Environmental, Resource and Ecological Economics
- ECON 543 Natural Resource, Environmental and Ecological Economics
- ECON 544 Environmental Economics

### International Development and Sustainability

- ECON 581 International Development and Finance
- ECON 582 Topics in International and Sustainable Development
- ECON 583 Development Economics
- ECON 585 Sustainable Development

### Public Economics

- ECON 560 Public Economics
- ECON 564 ~~Seminar in Health Economics~~ Topics and Health Economics\*
- ECON 565 ~~Topics in Public Economics~~ Topics in Public and Labor Economics\*
- ECON 583 ~~Development Economics~~ Seminar In Industrial Organization\*

\*Topics courses may be repeated for credit toward the degree, but only three credits of any given topics course may be counted toward the concentration.

ECON 560 is required for a first and secondary concentration in Public Economics.

**Comment [DW1]:** Replacing existing title with new title

**Comment [DW2]:** Replacing existing title with new title

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[Keys and Symbols Reference](#)

## Courses

[ECON 105. Introductory Macroeconomics.](#) (3)

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[ECON 106. Introductory Microeconomics.](#) (3)

---

[ECON 203. Society and the Environment.](#) (3)

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[ECON 212. Personal Investing.](#) (3)

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[ECON 239. Economics of Race and Gender.](#) (3)

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[ECON 295. Topics in Economics and Social Issues.](#) (1-3, may be repeated two times)

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[ECON \\*\\*300. Intermediate Microeconomics I.](#) (3)

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[ECON \\*\\*303. Intermediate Macroeconomics I.](#) (3)

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[ECON 307. Economics Tools.](#) (3)

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[ECON \\*\\*309. Introductory Statistics and Econometrics.](#) (3)

---

[ECON \\*\\*315. Money and Banking.](#) (3)

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[ECON \\*320. Labor Economics.](#) (3)

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[ECON \\*321. Development Economics.](#) (3)

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[ECON \\*330. Consumer Economics.](#) (3)

---

[ECON \\*331. Economics of Poverty and Discrimination.](#) (3)

---

[ECON \\*332. Economics of Regulation.](#) (3)

---

[ECON \\*333. Industrial Organization.](#) (3)

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[ECON \\*335. Health Economics.](#) (3)

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[ECON \\*341. Urban and Regional Economics.](#) (3)

---

[ECON 342. Environmental Economics.](#) (3)

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[ECON \\*343. Natural Resource Economics.](#) (3)

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[ECON \\*350. Public Finance.](#) (3)

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[ECON \\*360. History of Economic Thought.](#) (3)

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[ECON 395. Seminar in Current Economic Issues.](#) (1-3, no limit  $\Delta$ )

---

[ECON \\*403. Intermediate Macroeconomics II.](#) (3)

---

[ECON \\*407. Mathematical Methods in Economics.](#) (3)

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[ECON \\*408. Economic Forecasting Methods: A Time Series Approach.](#) (3)

---

[ECON \\*409. Intermediate Econometrics.](#) (3)

---

[ECON \\*410. Topics in Health Economics.](#) (3, no limit  $\Delta$ )

---

[ECON \\*421. Latin American Economics.](#) (3)

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[ECON \\*423. Topics in Latin American Development.](#) (3)

---

[ECON \\*424. International Trade.](#) (3)

---

[ECON \\*427. Topics in Labor Economics.](#) (3)

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[ECON \\*429. International Finance.](#) (3)

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[ECON \\*442. Topics in Environmental and Natural Resource Economics.](#) (3)

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[ECON \\*445. Topics in Public Finance.](#) (3)

---

[ECON 451 / 551. Independent Study.](#) (1-3 to a maximum of 6  $\Delta$ )

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ECON \*466. Public Sector Project Analysis. (3)

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ECON \*478. Seminar in International Studies. (3)

---

ECON 498. Reading for Honors. (3 to a maximum of 6 Δ)

---

ECON 499. Senior Honors Thesis. (4)

---

ECON 501. Microeconomics I. (3)

---

ECON 504. Mathematical Tools and Economic Models. (3)

---

ECON 506. Macroeconomics I. (3)

---

ECON 508. Statistics and Introduction to Econometrics. (3)

---

ECON 509. Econometrics I. (3)

---

ECON 510. Econometrics II. (3)

---

[ECON 513. Microeconomics II.](#) (3)

---

[ECON 514. Macroeconomics II.](#) (3)

---

[ECON 520. Labor Economics.](#) (3)

**Comment [DW3]:** This course will be replaced by Econ 565

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[ECON 521. Comparative Labor Problems.](#) (3)

**Comment [DW4]:** This course will be replaced by Econ 565

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[ECON 522. Selected Groups in the Work Force.](#) (3)

**Comment [DW5]:** This course will be replaced by Econ 565

---

[ECON 533. Seminars in Industrial Organization.](#) (3)

---

[ECON 534. Experimental Economics.](#) (3)

---

[ECON 538. Topics in Applied Economics.](#) (3)

---

[ECON 540. Natural Resource, Environmental, and Ecological Modeling I.](#) (3)

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**ECON 542. Topics in Environmental, Resource, and Ecological Economics.** (3 to a maximum of 15 Δ)

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**ECON 543. Natural Resource, Environmental, and Ecological Modeling II.** (3)

---

**ECON 544. Environmental Economics.** (3)

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**ECON 545. Water Resources II-Models.** (4)

---

**ECON 546. Water Resources I-Contemporary Issues.** (4)

---

**ECON 560. Public Economics.** (3)

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**ECON 562. Evaluation of Public Programs.** (3)

**Comment [DW6]:** This course will be replaced by Econ 565

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**ECON 564. Seminar in Health Economics.** (3)

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**ECON 565. Topics in Public Economics.** (3 to a maximum of 15 Δ)

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**ECON 581. International Development and Finance.** (3)

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**ECON 582. Topics in International and Sustainable Development.** (3)

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**ECON 583. Development Economics.** (3)

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**ECON 584. Interdisciplinary Seminar on Problems of Modernization in Latin America.** (3)

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**ECON 585. Sustainable Development.** (3)

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**ECON 595. Workshop in Applied Economics.** (1-3)

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**ECON 599. Master's Thesis.** (1-6, no limit  $\Delta$ )

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**ECON 699. Dissertation.** (3-12, no limit  $\Delta$ )

Form C  
Reason for request

The current concentration requires Econ 560 (Public Economics) and Econ 562 (Evaluation of Public Programs) and a third course chosen from Econ 564 (Seminar in Health Economics), Econ 565 (Topics in Public Economics), and Econ 583 (Development Economics).

Under this proposed revision, the concentration would continue to require Econ 560 (Public Economics). Students would then choose two courses from Econ 564 (Topics in Health Economics), Econ 565 (Topics in Public and Labor Economics), and Econ 533 (Seminar in Industrial Organization).

We are requesting this change because it is not feasible for the current faculty in the Public Economics concentration to offer the courses in the current concentration in a timely manner. The composition of the Public Economics faculty has changed due to administrative appointments, faculty leaving the department, and new hires. These changes will make better use of faculty expertise and will allow the Public Economics concentration to offer a graduate field course each semester, allowing faster completion of the field courses by students.

In brief, the motivation for the changes for the concentration are:

- **Changing Econ 564 from Seminar in Health Economics to Topics in Health Economics:** Builds on current expertise in Health Economics among faculty and allows students to build a sub-specialty in Health Economics by allowing them to take the course multiple times with different faculty. (Repeating the course counts towards the degree but not towards the major.)
- **Changing Econ 565 from Topics in Public Economics to from Topics in Public and Labor Economics:** There are currently two labor economists within the Public Economics faculty. They are not able to regularly offer all the labor economics courses currently on the books (thus the proposal to delete 520, 521, and 522). However, labor economics is an important component of public economics. Material from this sub-specialty will be available via this topics course.
- **Deletion of Econ 562 (Evaluation of Public Programs):** No faculty are available to offer this course. If faculty become available in the future, it can be offered via Econ 565 (Topics in Public and Labor Economics).
- **Addition of Econ 533 (Seminar in Industrial Organization):** Industrial Organization has important applications across a number of sub-fields in Public Economics, including health and labor.
- **To prevent cannibalization of students and negative impacts in student enrollment across the various concentrations, the faculty wants to maintain just four courses in each concentration.**



## Form C

### *Impacts on long-range planning*

These changes will allow the Public Economics to offer one course each semester. Students will be able to better plan the coursework for their concentration, given this knowledge.

### *Budgetary Implications*

None. These changes reflect the fact that we are working within our current budgetary constraints.

### *Faculty workload implications*

None.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1538**

Fields marked with \* are required

**Name of Initiator:** Colleen Sheinberg    **Email:** [colleens@unm.edu](mailto:colleens@unm.edu)    **Phone Number:** 505 277-8401    **Date:** 11-01-2014

Associated Forms exist? Yes  Initiator's Title Temp Parttime Faculty: Music  
Faculty Contact Colleen Sheinberg    Administrative Contact Steven Block  
Department Music    Admin Email sblock@unm.edu  
**Branch**    Admin Phone 277-2126

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Undergraduate Degree Program   
Name of New or Existing Program Bachelor of Music, Performance Concentration  
Select Category Concentration  Degree Type undergraduate  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[BM Perf-Catalog text.pdf](#)  
[BM Perf-Kbd Course Seq.pdf](#)  
[BM Perf-Voc Course Seq.pdf](#)  
[BM Perf-Inst Course Seq.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
See attached.

[BM Perform-Reasons.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[BM Performance-Impact.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**Supplement to Form C: Bachelor of Music, Performance Concentration**  
Current and Revised Catalog Text

[Current text]:

1. **Core Curriculum (37 hrs)....**
2. **Concentration Curriculum as follows (91-97 hrs):**

**Performance Concentration**

- a. six semesters of Music 101 *Concert Music* with a grade of CR;
- b. 22 hours of applied music in the principal instrument, including APMS 391 *Junior Recital* and APMS 491 *Senior Recital*;
- c. 20 hours in music theory, including 150, 150L, 152, 152L, 250, 250L, 252, 252L, 453 and 2 hours chosen from 309, 405, 406, 325 or 439;
- d. 9 hours in music history, including 361, 362 and 3 hours chosen from 413, 414, 415, 416 or 437.
- e. 2 hours in conducting (363);
- f. 8 hours in ensemble (see Ensemble Requirements, page 452, for specific requirements);
- g. 2 hours in technology, chosen from 311, 380, 412, 421 or 481;
- h. 3 hours selected from any courses listed under Contemporary World Music, or Mus Ed 293;
- i. 3 hours of electives, chosen from courses in the College of Fine Arts, and not including courses in Music, Applied Music or Music Education; and
- j. additional hours as follows:

*Keyboard Emphasis with piano as principal instrument:*

- 4 additional hours in music theory, including 406 and 2 hours chosen from 309, 325, 405 or 439;
- 4 hours of MUS 449 Music Repertory in piano;
- 2 hours of keyboard pedagogy, chosen from 388 or 389;
- 8 hours of music electives;
- 4 hours of electives, not including courses in Music, Applied Music or Music Education.

*Keyboard Emphasis with organ or harpsichord as principal instrument:*

- 4 additional hours in music theory, including 406 and 2 hours chosen from 309, 325, 405 or 439;
- 2 hours of MUS 449 Music Repertory in the appropriate instrument;
- 2 hours of keyboard pedagogy, chosen from 388 or 389;
- 8 hours of music electives;
- 6 hours of electives, not including courses in Music, Applied Music or Music Education.

*Instrumental Emphasis:*

- 2 additional hours in music theory chosen from 309, 325, 405, 406 or 439;
- 4 hours of Group Piano (if the proficiency is satisfied, music electives may be substituted);

[Revised text]:

1. **Core Curriculum (37 hrs)....**
2. **Concentration Curriculum as follows (91-97 hrs):**

**Performance Concentration**

- a. six semesters of Music 101 *Concert Music* with a grade of CR;
- b. 22 hours of applied music in the principal instrument, including APMS 391 *Junior Recital* and APMS 491 *Senior Recital*;
- c. 20 hours in music theory, including 150, 150L, 152, 152L, 250, 250L, 252, 252L, 453 and 2 hours chosen from 309, 405, 406, 325 or 439;
- d. 9 hours in music history, including 361, 362 and 3 hours chosen from 413, 414, 415, 416 or 437.
- e. 2 hours in conducting (363);
- f. 8 hours in ensemble (see Ensemble Requirements, page 452, for specific requirements);
- g. 2 hours in technology, chosen from 311, 380, 412, 421 or 481;
- h. 3 hours selected from any courses listed under **[Ethnomusicology]**, or Mus Ed 293;
- i. 3 hours of electives, chosen from courses in the College of Fine Arts, and not including courses in Music, Applied Music or Music Education; and
- j. additional hours as follows:

*Keyboard Emphasis with piano as principal instrument:*

- 4 additional hours in music theory, including 406 and 2 hours chosen from 309, 325, 405 or 439;
- 4 hours of MUS 449 Music Repertory in piano;
- 2 hours of keyboard pedagogy, chosen from 388 or 389;
- 8 hours of music electives;
- 4 hours of electives, not including courses in Music, Applied Music or Music Education.

*Keyboard Emphasis with organ or harpsichord as principal instrument:*

- 4 additional hours in music theory, including 406 and 2 hours chosen from 309, 325, 405 or 439;
- 2 hours of MUS 449 Music Repertory in the appropriate instrument;
- 2 hours of keyboard pedagogy, chosen from 388 or 389;
- 8 hours of music electives;
- 6 hours of electives, not including courses in Music, Applied Music or Music Education.

*Instrumental Emphasis:*

- 2 additional hours in music theory chosen from 309, 325, 405, 406 or 439;
- 4 hours of Group Piano (if the proficiency is satisfied, music electives may be substituted);

MUS 214 *Piano Proficiency*; with a grade of CR;  
 2 additional hours in ensemble (see Ensemble Requirements, page 452, for specific requirements);  
 8 hours of music electives;  
 6 hours of electives, not including courses in Music, Applied Music or Music Education.

*Vocal Emphasis:*

2 hours of vocal repertory (449);  
 2 hours of vocal pedagogy (388);  
 4 hours of Diction for Singers (209 and 210);  
 4 hours of Opera Studio;  
 4 hours of Group Piano (if the proficiency is satisfied, music electives may be substituted);  
 MUS 214 *Piano Proficiency*; with a grade of CR;  
 12 hours in foreign language (these 12 hours and the 3 hours listed above under Core Curriculum must be selected from Italian, French and German, and must include at least 3 hours in each of these languages).

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Subtotal for Instrumental or Keyboard Emphasis	91
Subtotal for Vocal Emphasis	97
Total for Instrumental or Keyboard Emphasis	128
Total for Vocal Emphasis	134

MUS 214 *Piano Proficiency*; with a grade of CR;  
 2 additional hours in ensemble (see Ensemble Requirements, page 452, for specific requirements);  
 8 hours of music electives;  
 6 hours of electives, not including courses in Music, Applied Music or Music Education.

*Vocal Emphasis:*

[2 semesters of APMS 403 *Vocal Coaching with a grade of CR;*]

2 hours of vocal repertory (449);  
 2 hours of vocal pedagogy (388);  
 4 hours of Diction for Singers (209 and 210);  
 4 hours of Opera Studio;  
 4 hours of ~~Group Piano~~ *Group Piano* (if the proficiency is satisfied, music electives may be substituted);  
 MUS 214 *Piano Proficiency*; with a grade of CR;  
 12 hours in foreign language (these 12 hours and the 3 hours listed above under Core Curriculum must be selected from Italian, French and German, and must include at least 3 hours in each of these languages).

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Subtotal for Instrumental or Keyboard Emphasis	91
Subtotal for Vocal Emphasis	97
Total for Instrumental or Keyboard Emphasis	128
Total for Vocal Emphasis	134

[2015-16] Degree Plan Music (Performance Concentration, with Keyboard Emphasis), BM  
College of Fine Arts: Department of Music (4 Year Plan)

Term 1	Hours Towards Degree: 16	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
MUS 150: Music Theory I		2	C
MUS 150L: Music Theory I Aural Lab		2	C
APMS 101: Studio Instruction for the Performance Concentration		2	C
Major Ensemble		1	C
ENGL 110: Accelerated Composition or ENGL 111: Composition I and ENGL 112: Composition II or ENGL 113: Enhanced Composition		3	C
MATH		3	C
Social and Behavioral Science		3	C
	Term Hours:	16	

Term 2	Hours Towards Degree: 33	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
MUS 152: Music Theory II		2	C
MUS 152L: Music Theory II Aural Lab		2	C
APMS 102: Studio Instruction for the Performance Concentration		2	C
Major Ensemble		1	C
ENGL 120: Composition III		3	C
Physical and Natural Sciences		4	C
Foreign Language		3	C
	Term Hours:	17	

Term 3	Hours Towards Degree: 49	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
MUS 250: Music Theory III		2	C
MUS 250L: Music Theory III Aural Lab		2	C
APMS 201: Studio Instruction for the Performance Concentration		2	C
Major Ensemble		1	C
ENGL 220: Expository Writing		3	C
HIST 101: Western Civilization to 1648		3	C
Social and Behavioral Science		3	C
	Term Hours:	16	

Term 4	Hours Towards Degree: 65	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
MUS 252: Music Theory IV		2	C
MUS 252L: Music Theory IV Aural Lab		2	C
APMS 202: Studio Instruction for the Performance Concentration		2	C
<del>MUS 417</del> or MUS 418 [223] or MUS 422 or MUS 436 [438] or MUS 444 or MUS 448 or MUSE 293		3	C
Major Ensemble		1	C
HIST 102: Western Civilization Post 1648		3	C

Fine Arts outside the major		3	D-
		Term Hours:	16
Term 5	Hours Towards Degree: 81	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
APMS 301: Studio Instruction for the Performance Concentration		3	C
MUS 361: History of Music I		3	C
MUS 363: Conducting		2	C
MUS 388 OR MUS 389: Music Pedagogy		2	C
MUS 311 OR MUS 380 OR MUS 412 OR MUS 421 OR MUS 481		2	C
Major Ensemble		1	C
Physical and Natural Science		3	C
		Term Hours:	16
Term 6	Hours Towards Degree: 98	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
MUS 406: Counterpoint		2	C
APMS 302: Studio Instruction for the Performance Concentration		3	C
APMS 391: Junior Recital		0	CR
MUS 362: History of Music II		3	C
Major Ensemble		1	C
Music elective (not Non-Major course)		2	C
Fine Arts outside the major		3	D-
Elective outside the major department		3	D-
		Term Hours:	17
Term 7	Hours Towards Degree: 114	Hours	Minimum Grade
MUS 453: Orchestration		2	C
APMS 401: Studio Instruction for the Performance Concentration		4	C
MUS 449: Music Repertory		2	C
MUS 413 OR MUS 414 OR MUS 415 OR MUS 416 OR MUS 437		3	C
MUS 309 OR MUS 325 OR MUS 405 OR MUS 439		2	C
Major Ensemble		1	C
Music elective		2	C
		Term Hours:	16
Term 8	Hours Towards Degree: [128]	Hours	Minimum Grade
APMS 402: Studio Instruction for the Performance Concentration		4	C
APMS 491: Senior Recital		0	CR
MUS 449: Music Repertory [(for piano majors only)]		2	C
MUS 309 OR MUS 325 OR MUS 405 OR MUS 439		2	C
Major Ensemble		1	C
Music elective (not Non-Major course)		4	C
Elective outside the major department [(for piano majors)]		[1]	D-
[Elective outside the major department (for organ or harpsichord majors)]		[3]	
		Term Hours:	[14]



[2015-16] Degree Plan Music (Performance Concentration, with Vocal Emphasis), BM  
 College of Fine Arts: Department of Music (4 Year Plan)

Term 1	Hours Towards Degree: 16	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
APMS 101: Studio Instruction for the Performance Concentration		2	C
MUS 150: Music Theory I		2	C
MUS 150L: Music Theory I Aural Lab		2	C
MUS 111: Group Piano I		1	C
MUS 209: Diction for Singers I		2	C
MUS 243: Concert Choir		1	C
ENGL 110: Accelerated Composition or ENGL 111: Composition I and ENGL 112: Composition II or ENGL 113: Enhanced Composition		3	C
MATH		3	C
	Term Hours:	15	

Term 2	Hours Towards Degree: 32	Hour	Minimum Grade
MUS 101: Concert Music		0	CR
APMS 102: Studio Instruction for the Performance Concentration		2	C
MUS 152: Music Theory II		2	C
MUS 152L: Music Theory II Aural Lab		2	C
MUS 112: Group Piano II		1	C
MUS 210: Diction for Singers II		2	C
MUS 243: Concert Choir		1	C
ENGL 120: Composition III		3	C
Physical & Natural Science		3	C
	Term Hours:	16	

Term 3	Hours Towards Degree: 49	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
APMS 201: Studio Instruction for the Performance Concentration		2	C
MUS 250: Music Theory III		2	C
MUS 250L: Music Theory III Aural Lab		2	C
MUS 211: Group Piano III		1	C
MUS 243: Concert Choir		1	C
FREN 101: Elementary French I		3	C
HIST 101: Western Civilization to 1648		3	C
Social & Behavioral Science		3	C
	Term Hours:	17	

Term 4	Hours Towards Degree: 66	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
APMS 202: Studio Instruction for the Performance Concentration		2	C
MUS 252: Music Theory IV		2	C

MUS 252L: Music Theory IV Aural Lab	2	C
MUS 212: Group Piano IV	1	C
MUS 214: Piano Proficiency	0	CR
MUS 243: Concert Choir	1	C
ENGL 220: Expository Writing	3	C
GRMN 101: Elementary German I	3	C
HIST 102: Western Civilization Post 1648	3	C
Term Hours:	17	

Term 5	Hours Towards Degree: 84	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
APMS 301: Studio Instruction for the Performance Concentration		3	C
MUS 453: Orchestration		2	C
MUS 361: History of Music I		3	C
MUS 388: Vocal Pedagogy		2	C
MUS 330: Opera Studio		1	C
MUS 243: Concert Choir		1	C
ITAL 175: Accelerated Elementary Italian		6	C
Term Hours:		18	

Term 6	Hours Towards Degree: 102	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
APMS 302: Studio Instruction for the Performance Concentration		3	C
APMS 391: Junior Recital		0	CR
MUS 362: History of Music II		3	C
MUS 330: Opera Studio		1	C
MUS 243: Concert Choir		1	C
French or German or Italian		3	C
Physical & Natural Science		4	C
Fine Arts outside the major		3	D-
Term Hours:		18	

Term 7	Hours Towards Degree: 119	Hours	Minimum Grade
APMS 401: Studio Instruction for the Performance Concentration		4	C
[APMS 403: Vocal Coaching]		0	CR]
MUS 309 OR MUS 325 OR MUS 405 OR MUS 406 OR MUS 439		2	C
MUS 363: Conducting		2	C
MUS 449: Vocal Repertory		2	C
MUS 413 OR MUS 414 OR MUS 415 OR MUS 416 OR MUS 437		3	C
MUS 311 OR MUS 380 OR MUS 412 OR MUS 421 OR MUS 481		2	C
MUS 243: Concert Choir		1	C
MUS 330: Opera Studio		1	C
Term Hours:		17	

Term 8	Hours Towards Degree: 134	Hours	Minimum Grade
	APMS 402: Studio Instruction for the Performance Concentration	4	C
	[APMS 403: Vocal Coaching	0	CR]
	APMS 491: Senior Recital	0	CR
	<del>MUS 417 OR</del> MUS 418 [223] OR MUS 422 OR MUS <del>436</del> [438] OR MUS 444 OR MUS 448 OR MUSE 293	3	C
	MUS 330: Opera Studio	1	C
	MUS 243: Concert Choir	1	C
	Social & Behavioral Science	3	C
	Fine Arts outside major	3	D-
	Term Hours:	15	

[2015-16] Degree Plan Music (Performance Concentration, with Instrumental Emphasis), BM  
College of Fine Arts: Department of Music (4 Year Plan)

Term 1	Hours Towards Degree: 14	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
APMS 101: Studio Instruction for the Performance Concentration		2	C
MUS 150: Music Theory I		2	C
MUS 150L: Music Theory I Aural Lab		2	C
MUS 111: Group Piano I		1	C
Major Ensemble		1	C
ENGL 110: Accelerated Composition or ENGL 111: Composition I and ENGL 112: Composition II or ENGL 113: Enhanced Composition		3	C
MATH		3	C
	Term Hours:	14	
Term 2	Hours Towards Degree: 29	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
APMS 102: Studio Instruction for the Performance Concentration		2	C
MUS 152: Music Theory II		2	C
MUS 152L: Music Theory II Aural Lab		2	C
MUS 112: Group Piano II		1	C
Major Ensemble		1	C
ENGL 120: Composition III		3	C
Physical & Natural Science		4	C
	Term Hours:	15	
Term 3	Hours Towards Degree: 43	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
APMS 201: Studio Instruction for the Performance Concentration		2	C
MUS 250: Music Theory III		2	C
MUS 250L: Music Theory III Aural Lab		2	C
MUS 211: Group Piano III		1	C
Major Ensemble		1	C
HIST 101: Western Civilization to 1648		3	C
Social & Behavioral Science		3	C
	Term Hours:	14	
Term 4	Hours Towards Degree: 60	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
APMS 202: Studio Instruction for the Performance Concentration		2	C
MUS 252: Music Theory IV		2	C
MUS 252L: Music Theory IV Aural Lab		2	C
MUS 212: Group Piano IV		1	C
MUS 214: Piano Proficiency		0	CR
Major Ensemble		1	C

ENGL 220: Expository Writing	3	C
HIST 102: Western Civilization Post 1648	3	C
Social & Behavioral Science	3	C
Term Hours:	17	

Term 5	Hours Towards Degree: 77	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
APMS 301: Studio Instruction for the Performance Concentration		3	C
MUS 453: Orchestration		2	C
MUS 361: History of Music I		3	C
MUS 363: Conducting		2	C
MUS 311 OR MUS 380 OR MUS 412 OR MUS 421 OR MUS 481		2	C
Major Ensemble		1	C
Chamber Ensemble		1	C
Physical & Natural Science		3	C
Term Hours:		17	

Term 6	Hours Towards Degree: 93	Hours	Minimum Grade
MUS 101: Concert Music		0	CR
APMS 302: Studio Instruction for the Performance Concentration		3	C
APMS 391: Junior Recital		0	CR
MUS 309 OR MUS 325 OR MUS 405 OR MUS 406 OR MUS 439		2	C
MUS 362: History of Music II		3	C
<del>MUS 417</del> or MUS <del>418</del> [223] or MUS 422 or MUS <del>436</del> [438] or MUS 444 or MUS 448 or MUSE 293		3	C
Major Ensemble		1	C
Music elective (not Non-Major course)		1	C
Second Language		3	C
Term Hours:		16	

Term Hours: 11

Term 7	Hours Towards Degree: 111	Hours	Minimum Grade
APMS 401: Studio Instruction for the Performance Concentration		4	C
Music Theory		2	C
MUS 413 OR MUS 414 OR MUS 415 OR MUS 416 OR MUS 437		3	C
Major Ensemble		1	C
Chamber Music		1	C
Music elective (not Non-Major course)		3	C
Music elective (not Non-Major course)		1	C
Fine Arts outside the major		3	D-
Term Hours:		18	

Term 8	Hours Towards Degree: 128	Hours	Minimum Grade
APMS 402: Studio Instruction for the Performance Concentration		4	C
APMS 491: Senior Recital		0	CR
Major Ensemble		1	C
Music elective (not Non-Major course)		3	C

Fine Arts outside the major	3	D-
Elective outside the major department	6	D-
Term Hours:	17	

## **Form C: Bachelor of Music, Performance Concentration**

### Reasons for Request

1. In Section 2 ("Concentration Curriculum"), the category from which courses may be selected is changed from Contemporary World Music to Ethnomusicology. This is a change in terminology only. Courses under the subject heading MUS are listed by category in the *Catalog* according to their content. The Contemporary World Music category is being changed to Ethnomusicology, necessitating a corresponding change in degree plans that refer to the category.

2. Under the "Vocal Emphasis" (page 2 of the Catalog Text document), 2 semesters of APMS 403 *Vocal Coaching* are added to the course requirements. This course is being created via Form B and will be a 0-credit course available for CR/NC only. It is to be taken concurrently with the senior level of applied instruction (APMS 401 or 402 for Vocal Performance majors), and will provide the student with additional instruction in voice, covering the same repertoire assigned in 401 or 402, but with emphasis on different aspects of vocal diction and performance.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1540**

Fields marked with \* are required

**Name of Initiator:** Lorna Brau    **Email:** [lbrau@unm.edu](mailto:lbrau@unm.edu)    **Phone Number:** 505 277-3683    **Date:** 11-01-2014

Associated Forms exist? Yes  Initiator's Title Assistant Professor: Foreign Languages & Literatures  
Faculty Contact Lorie Brau    Administrative Contact Elvine Bologna  
Department Foreign Languages and Literatures    Admin Email ebologa@unm.edu  
Branch Main Campus    Admin Phone 277-7367

**Proposed effective term**

Semester  Fall  Year  2015

**Course Information**

Select Appropriate Program  Undergraduate Degree Program   
Name of New or Existing Program (NEW) BA East Asian Studies  
Select Category  Major  Degree Type B.A.  
Select Action  New

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[east asian studies catalogue copy.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

Please see attached proposal. This program would replace the current inter-disciplinary Asian Studies degree associated with the International Studies Institute.

[East Asian Studies .docx](#)  
[East Asian Studies Road Map.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[East Asian Studies .docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

[East Asian Studies Executive Summary\[1\].docx](#)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## **EAST ASIAN STUDIES**

Lorie Brau

Ortega Hall 353C

[lbrau@unm.edu](mailto:lbrau@unm.edu)

Xiang He

Ortega Hall 315C

[xhe@unm.edu](mailto:xhe@unm.edu)

Andre Haag

Ortega Hall 349B

[haag@unm.edu](mailto:haag@unm.edu)

Machiko Bomberger

Ortega Hall 351B

[machibomberg@aol.com](mailto:machibomberg@aol.com)

### **College of Arts and Sciences and East Asian Studies Major Undergraduate Admission Requirements**

A minimum of 26 credit hours; 23 credit hours must be in courses acceptable toward graduation.

A cumulative grade point average of at least 2.00 on all work.

- Transfer students must have a 2.0 transfer GPA.
- Continuing UNM students must have a 2.00 institutional GPA.  
Demonstrated academic achievement by satisfying the following:
- Completion of the University Writing and Speaking Core.

- Completion of the University Mathematics Core.
- Completion of the University Foreign Language Core, preferably with either JAPN 111 or CHIN 111.

Completion of Asian Studies major admission coursework with grade of "C" or better:

- JAPN 112 or CHIN 112 or the equivalent. It is advised that students also complete CHIN 201, 202 JAPN 201, 202 or the equivalent.

## Major Study Requirements

Students majoring in East Asian Studies will choose one of two tracks, Chinese or Japanese. The interdepartmental major requires 30 credit hours from the approved East Asian Studies course list (below)

### Chinese track

1. Twelve hours in language: CHIN 301, 302, 305, 401
2. CHIN 331
3. Three hours in History selected from the following courses:  
HIST 251, 252, 381, 382, 383
4. Three hours in East Asian or Japanese culture selected from the following courses:  
JAPN 341, JAPN 342, JAPN 339, JAPN 345, JAPN 370, JAPN 411,  
HIST 251, 252, HIST 384, PHIL 108, RELG 263
5. Nine hours of electives selected from the following courses:

CHIN 320, CHIN 331, CHIN 370, HIST 381, 382, 383, PHIL 336, PHIL 431 and any other China related classes offered on campus, based on pre-approval with the East Asian Studies advisor.

### **Japanese track**

1. Twelve hours in language: JAPN 301, 302, 401, 402
2. Three hours in literature JAPN 331 or 332
3. Three hours in history selected from the following courses:  
HIST 251, 252, or 384
4. Three hours in East Asian or Chinese culture or history selected from the following courses:  
CHIN 331, CHIN 320, CHIN 370, HIST 251, 252, 381, 382, 383, RELG 263, PHIL 336
5. Nine hours of electives selected from the following courses:  
JAPN 320, 331, 332, 339, 345, 370, 411 and any other Japan related classes offered on campus, based on pre-approval with the East Asian Studies advisor.

## **New Baccalaureate in East Asian Studies in the department of Foreign Languages and Literatures**

### **I. a. What is the program and why should we offer it?**

This proposal outlines a new major called “East Asian Studies” that will replace the current Asian Studies major. Housed in the Department of Foreign Languages and Literatures, East Asian Studies will offer students interested in China or Japan an opportunity to acquire a higher degree of proficiency in Japanese and Chinese language and cultures. While the new curriculum will be inter-disciplinary, the curriculum will largely be composed of courses taught by faculty in FLL. Students will select either a Chinese or a Japanese track when they declare their major. They will be required to achieve a level of language proficiency in either Chinese or Japanese at the ACTFL level of “intermediate-high” or “advanced low.” They will complement this language training with classes on Asian culture, including literature and history.

### **Why the change?**

The review team who participated in the 2013 International Studies program APR self-study recommended the elimination of the current Asian Studies major (as well as European Studies) for a number of reasons. While Asian Studies continues to attract a fair number of majors (16 declared, 4 intended majors as of the beginning of Fall 2014) and minors, these students have found it difficult to complete their degree in a timely manner because of a lack of faculty to teach the courses required for this inter-disciplinary program. A number of Asian Studies faculty have retired and have not been replaced.

It has been particularly challenging for students who are minoring in Japanese (or Chinese) to complete their Asian Studies major in four or five years because they cannot count the same courses for both major and minor. Often they must fulfill their requirements with classes that have little to do with their chosen East Asian focus. For example, students focusing on Japan have had to take history courses on the Middle East to meet the history requirement for the major.

Additionally, of the three focus areas prescribed for the Asian Studies major—East Asia, South Asia, and the Middle East—East Asia has drawn the greatest number of students for the last ten or more years. There have been fewer Asian Studies majors concentrating on the Middle East, in spite of the build-up of Arabic in FLL. One reason for this may be the establishment of the International Studies major, which has attracted many students whose interests lean more toward international social and political issues. It appears that most students concentrating on the Middle East are choosing to major in International Studies.

At present, virtually all the classes dealing with Japan and China at the university are offered by faculty in the Foreign Languages and Literatures department, home to three tenured or tenure-track faculty and two full-time lecturers in the fields of East Asian language and/or literatures and cultures.

**b. How does the program fit within the unit's future plans?**

The idea for creating a major in East Asian Studies has evolved out of FLL's hiring plan of the last few years. In 2012 and 2013 the department hired two lecturers (one in Japanese and one in Chinese) as well as two tenure-track faculty members (one in each language). We presently offer minors in Chinese and Japanese. We envision the East Asian Studies major as analogous to other undergraduate majors in our department, such as French and German.

**c. How does the program fit within the UNM mission and strategic plan?**

For more than a decade, the University has emphasized the importance of promoting "global awareness of and sensitivity to multicultural issues in today's interdependent world" as the Global Education Office website states. The East Asian Studies major will produce students who are equipped with an in-depth knowledge of China and Japan and the cultural and linguistic skills to bridge East and West.

The latest census reveals that 2.6% of the population of Albuquerque is Asian, not counting people of mixed race. Albuquerque supports numerous organizations with a link to East Asia, among them, the Chinese Cultural Center, the New Mexico Chapter of the Japanese American Citizens League, the Asian-American Association of New Mexico, the Korean American association of New Mexico and the Filipino American Foundation of New Mexico, as well as the Southwest chapter of the Chinese Scholars Association, whose members include many scientists and engineers at Sandia Labs and Los Alamos. An East Asian Studies program could serve as a link to some of these local communities. In addition, a second major in East Asian Studies might make students in the STEM disciplines more attractive job candidates in the global market.

**d. How does the program fit with related offerings at UNM**

The present Asian Studies major, situated in the International Studies Institute, would be phased out when the East Asian Studies major is adopted. The new major could work well with a second major or minor in International Studies. We will retain the minors in Japanese or Chinese, but eliminate the Asian Studies minor. A minor in International Studies might serve those students who do not wish to minor in either Japanese or Chinese. Students would not be permitted to minor in the same language as the track that they are pursuing for the East Asian Studies major, but a student on the Chinese track could potentially minor in Japanese. The new program will draw largely on courses offered by faculty in FLL and not depend on many courses covering Asia throughout the university, except for the requirement that majors take at least one Asian history class. Any topics courses in the social sciences or humanities with primarily East Asia related content could count as electives on a case-by-case basis. Majors will be strongly advised to participate in a study abroad program in Asia, such as the summer program in China.

**e. Assuming timely approval, what is the program development and implementation timeline?** We anticipate accepting majors in the Fall of 2015, if approved, or the Fall 2016.

## **2. Evidence of need**

### **a. Provide evidence of student demand**

At present there are 20 students who have declared or intend to declare a major in Asian Studies. The majority of these students focus on East Asia. In a survey carried out in Spring 2014 in Japanese and Chinese language classes, 28 out of 31 respondents wrote that they would “likely,” “very likely” or “definitely” choose to major in East Asian Studies. The results of a UNM e-survey conducted in Fall 2014 found that 44 of 58 students in Japanese or Chinese classes were likely to major in East Asian Studies, and nearly 40% of student respondents would “definitely” choose an East Asian Studies major if the program was offered.

### **b. Indicate how you intend to recruit students**

We will recruit majors from among students enrolled in Japanese and Chinese language and literature classes (360 in Fall 2014) and at university events promoting the various majors on campus, at study abroad meetings and at orientations for high school students. We will also visit high school Japanese and Chinese language classes to advertise.

### **c. How does the program fit with similar and related offerings in the state and region?**

While New Mexico State University benefits from the presence of the Confucius Institute, a program sponsored by the Chinese government, they offer only Japanese and Chinese classes (language and some culture), but no major. University of Texas at El Paso offers an interdisciplinary minor in Asian Studies (perhaps supported in part by the NMSU’s Confucius Institute). University of Colorado Boulder has a strong Asian Studies major (West, South and East Asia) at the B.A. and M.A. level; they also award PhDs in Japanese and Chinese. Colorado College and U. of Denver have Asian Studies programs. Students at U. of Arizona and Arizona State may major in Asian Studies. Northern Arizona University offers a minor. No universities in New Mexico award B.A.s in East Asian Studies.

### **d. Provide evidence of demand for program graduates.**

Graduates with strong linguistic and cultural skills in East Asian languages may find employment in government, the diplomatic service, or private corporations with business concerns in Asia. Other opportunities may include: writer, market research specialist, archivist, museum curator, Foreign Service officer, non-profit administrator, foreign student advisor, government agency, politician, historic preservation specialist, professor/educator, community affairs specialist, historic site administrator, import/export specialist, international banker, public policy advisor, international consultant, public relations specialist, international relations advisor, international trade specialist, translator, cultural affairs officer, interpreter, travel consultant, and international conference planner. Some local firms are building connections with Japanese business (Enerplus Technologies and MAE Corp., e.g. [*Albuquerque Business First*, July 17, 2014]) In May 2012, nine Japanese firms announced the launch of a Japan-U.S. Collaborative Smart Grid Demonstration Project in Albuquerque (Mesa del Sol). Sumitomo has a presence in the state as well.

### **3. Program content and quality**

#### **a. Describe the curriculum. Discuss any new courses and the impact of the curriculum on existing courses, including courses in other departments.**

Students who major in East Asian Studies will choose either a Japanese track or a Chinese track. They must earn 30 hours total.

#### **Chinese track**

1. Twelve hours in language: CHIN 301, 302, 305, 401
2. CHIN 343
3. Three hours in History selected from the following courses:  
HIST 251, 252, 382
4. Three hours in East Asian or Japanese culture selected from the following courses:  
JAPN 341, JAPN 342, JAPN 339, JAPN 345, JAPN 370, JAPN 411, HIST 251, 252, HIST 384, PHIL 108, RELG 263
5. Nine hours of electives selected from the following courses:  
CHIN 320, CHIN 343, CHIN 370, HIST 381, 382, 383, PHIL 336, PHIL 431 and any other China related classes offered on campus, based on pre-approval with the East Asian Studies advisor.

#### **Japanese track**

1. Twelve hours in language: JAPN 301, 302, 401, 402
2. Three hours in literature: JAPN 341 or 342
3. Three hours in history selected from the following courses:  
HIST 251, 252, or 384
4. Three hours in East Asian or Chinese culture or history selected from the following courses:  
CHIN 343, CHIN 320, CHIN 370, HIST 251, 252, 382, RELG 263, PHIL 108, PHIL 336
5. Nine hours of electives selected from the following courses:  
JAPN 320, 341, 342, 339, 345, 370, 411 and any other Japan related classes offered on campus, based on pre-approval with the East Asian Studies advisor.

We do not require, but strongly recommend that students in the major earn some of their hours at universities in Asia.

There will be nine new course numbers required for this program: CHIN 401, an advanced reading course, CHIN 343 (Chinese Literature and Culture in Translation), JAPN 341 (Pre-modern Japanese Literature in Translation), JAPN 342 (Modern Japanese Literature in Translation), JAPN 345 (Supernatural Japan), JAPN 370 (Japanese Cinema), and JAPN 401 and 402 (both advanced language classes). JAPN 345 (“Supernatural Japan”) and 401/402 have all been taught for many years using the topics numbers 339 and 411.

Instructional methods include both online and face-to-face meetings in small language classes, seminars, and lecture classes.

**b. What are the expected student learning outcomes for the program? (What will the students know and what will they be able to do when they complete this program?)**

**Broad Program Goals & Measurable Student Learning Outcomes**

- A. Students will be able to read and write non-specialist texts in their target language with clear identification and expression of key ideas.
- B. Students will be able to orally communicate and comprehend common situations in Japanese or Chinese.
- C1. Students will be able to distinguish the salient features of the cultures associated with East Asia (primarily China and Japan) in historical and contemporary contexts.
- C2. Students can identify how the cultures of East Asia have been represented.
- D1. Students will be able to describe and contextualize several key East Asian artistic forms and cultural practices.
- D2. Students can describe the distinctive qualities and legacy of several cultural works produced in East Asia.

**1. Student Learning Outcomes:**

Relationship to UNM Student Learning Goals (insert the program SLOs and check all that apply):

University of New Mexico Student Learning Goals				
Program SLOs	Knowledge	Skills	Responsibility	Program SLO is conceptually different from University goals.
A.1. Students will be able to read and write non-specialist texts in their target language with clear identification and expression of key ideas.	X	X		
A.1. Students will be able to communicate and comprehend narratives and descriptions of a factual nature in Chinese or Japanese.	X	X		
B. Students will be able to orally communicate and comprehend common situations in Japanese or Chinese	X	X		
C.1. Students will be able to distinguish the salient features of the cultures associated with East Asia (primarily China and Japan) in historical and contemporary	X		X	

contexts (and identify the achievements, people and values of the cultures associated with East Asia and the roles they play in the world).				
C.2. Students can identify how the cultures of East Asia have been represented.	X		X	
D.1. Students can describe and contextualize several significant East Asian art forms and cultural practices.	X			
D.2. Students can describe the distinctive qualities and legacy of several cultural works produced in East Asia.	X			

#### 4. Evaluation and Assessment

a. The East Asian Studies major will be housed in the department of Foreign Languages and Literatures and be governed in the same manner as other departmental programs (e.g., Classics, French, German). One faculty member will be appointed advisor, a position that will rotate every three years (more or less, as determined by affiliated faculty). Other issues regarding the major will be discussed by affiliated faculty, as well as the departmental faculty, when that decision affects the department as a whole.

#### b. How will learning outcomes be measured?

Assessment of student competence in the East Asian Studies major will be based on the students' successful completion of all requirements for the EAS majors, as well as the following criteria: performance on a 10-minute oral presentation delivered by majors in an upper division language class. Alternatively, oral performance may be assessed through an oral proficiency interview conducted by a faculty member in Japanese or Chinese during the student's last semester. SLOs C and D will be assessed through student performance on an essay in English of 3-6 pages submitted during a Spring semester upper-division Chinese or Japanese culture course. Assessment of oral performance will be correlated with the ACTFL (American Council of Teachers of Languages) "Oral Proficiency Guidelines: Speaking". For each of these, the ACTFL description of "intermediate-mid" and "intermediate-high" correspond to an acceptable or better performance. We expect 60% of students to meet the "intermediate-mid" criteria and 25% to meet the "intermediate-high" or above standard.

ACTFL guidelines: Speaking at the "Intermediate-mid" level:

"Able to handle successfully a variety of uncomplicated, basic and communicative tasks and social situations. Can talk simply about self and family members. Can ask and answer questions and participate in simple conversations on topics beyond the most immediate needs; e.g., personal history and leisure time activities. Utterance length increases slightly, but speech may continue to be characterized by frequent long pauses,

since the smooth incorporation of even basic conversational strategies is often hindered as the speaker struggles to create appropriate language forms. Pronunciation may continue to be strongly influenced by first language and fluency may still be strained. Although misunderstandings still arise, the Intermediate-mid speaker can generally be understood by sympathetic interlocutors."

## **5. Required Resources**

- a.** The present number of three tenure-track faculty (Ph.D) and two lecturers (M.A.) plus one or two teaching assistants for lower division courses is sufficient to offer the East Asian Studies major. Because we have few native speakers of Chinese or Japanese in the FLL graduate programs, we have had to draw on graduate students from across campus to supplement permanent faculty in order to cover our lower level courses.
- b.** The new major will not affect the workload of current faculty and support staff.
- c.** No additional faculty members are required to meet the needs of the program.
- d.** No additional faculty and staff development services are needed.
- e.** No new technology, media, equipment or instructional supplies are necessary to support the program's intended outcomes.
- f.** We are not requesting new faculty and therefore have no need for additional or renovated space.
- g.** As in our current Asian Studies major, CAPS, the library, ITS, and advising are important to the success of students majoring in East Asian Studies. We do not anticipate additional costs.
- h.** Two or three TA positions (and if not, funding for part time instructors) are needed to teach some sections of lower division language courses.
- i.** We do not anticipate extra course fees in the classes required for this major.

## **6. Projected Enrollment and Costs**

- a.** Provide a three-year projection of enrollments and program costs.  
Interest in China has been growing and Japanese enrollments remain high. We can expect at least 25 students to declare majors the first year, with steady increases in the following years.

## 2015-2016 Degree Plan East Asian Studies, BA

Term 1 Hours Towards Degree: 15

	Hours	
	3	C
ENGL 110: Accelerated Composition or ENGL 111: Composition I and ENGL 112: Composition II or ENGL 113: Enhanced Composition	3	C
Freshman Academic Choice	3	D-
MATH	3	C
Asian Language 111 (Chinese for the Chinese Track; Japanese for the Japanese)  6 hours	3	C

Term Hours:

15

Term 2 Hours Towards Degree: 31

Hours

ENGL 120: Composition III	3	C
Physical and Natural Science	4	C
Social Behavioral Science	3	C
Asian Language 112  6 hours	3	C

Term Hours:

16

Term 3 Hours Towards Degree: 46

Hours

J JAPN 341 or 342 for Japanese track; CHIN 343 for Chinese track)	3	C
Asian Language 201 	3	C
Minor or 2nd Major Requirement	3	C
CJ 130 Or PHIL 156 or ENGL 219 or ENGL 220	3	C
Social Behavioral Science	3	C

Term Hours:

15

Term 4 Hours Towards Degree: 61

Hours

Upper Division Social Science	3	C
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Asian Language 202 	3	C
HIST 251, 252, or 382 (for CHIN), or 384 (for JAPN)	3	C
Minor or 2nd Major Requirement	3	C
EAST ASIAN STUDIES ELECTIVE (from AREA 4 or 5)	3	C
Term Hours:	15	
Term 5 Hours Towards Degree: 76	Hours	
UPPER DIVISION HUMANITIES	3	C
Asian Language 301 	3	C
Fine Arts	3	C
Minor or 2nd Major Requirement	3	C
EAST ASIAN STUDIES ELECTIVE (from AREA 4 or 5)	3	D-
Term Hours:	15	
Term 6 Hours Towards Degree: 91 Crucial course:	Hours	
Upper Division Humanities	3	C
Asian Language 302 	3	C
Minor or 2nd Major Requirement	3	C
EAST ASIAN STUDIES ELECTIVE (from AREA 5)	3	D-
Physical and Natural Science	3	C
Term Hours:	15	
	Hours	
Term 7 Hours Towards Degree: 106 Crucial course:		
CHIN 305 or 401 for Chinese track; JAPN 401 for Japanese track 	3	C
Minor or 2nd Major Requirement	3	C
2nd Major or Elective Any Level	3	C
2nd Major Requirement or Upper-Division Elective	6	C

Term Hours:

15 Hours  
Hours

Term 8 Hours Towards Degree: 120

CHIN 305 or 401 for Chinese track; JAPN 402 for Japanese track 

3

C

Elective Any Level (2 hours)

2

C

Humanities

3

C

EAST ASIAN STUDIES ELECTIVE (from AREA 5)

3

D-

2nd Major Requirement or Upper-Division Elective

3

C

Term Hours:

14

## **New Baccalaureate in East Asian Studies in the department of Foreign Languages and Literatures**

### **I. a. What is the program and why should we offer it?**

This proposal outlines a new major called “East Asian Studies” that will replace the current Asian Studies major. Housed in the Department of Foreign Languages and Literatures, East Asian Studies will offer students interested in China or Japan an opportunity to acquire a higher degree of proficiency in Japanese and Chinese language and cultures. While the new curriculum will be inter-disciplinary, the curriculum will largely be composed of courses taught by faculty in FLL. Students will select either a Chinese or a Japanese track when they declare their major. They will be required to achieve a level of language proficiency in either Chinese or Japanese at the ACTFL level of “intermediate-high” or “advanced low.” They will complement this language training with classes on Asian culture, including literature and history.

### **Why the change?**

The review team who participated in the 2013 International Studies program APR self-study recommended the elimination of the current Asian Studies major (as well as European Studies) for a number of reasons. While Asian Studies continues to attract a fair number of majors (16 declared, 4 intended majors as of the beginning of Fall 2014) and minors, these students have found it difficult to complete their degree in a timely manner because of a lack of faculty to teach the courses required for this inter-disciplinary program. A number of Asian Studies faculty have retired and have not been replaced.

It has been particularly challenging for students who are minoring in Japanese (or Chinese) to complete their Asian Studies major in four or five years because they cannot count the same courses for both major and minor. Often they must fulfill their requirements with classes that have little to do with their chosen East Asian focus. For example, students focusing on Japan have had to take history courses on the Middle East to meet the history requirement for the major.

Additionally, of the three focus areas prescribed for the Asian Studies major—East Asia, South Asia, and the Middle East—East Asia has drawn the greatest number of students for the last ten or more years. There have been fewer Asian Studies majors concentrating on the Middle East, in spite of the build-up of Arabic in FLL. One reason for this may be the establishment of the International Studies major, which has attracted many students whose interests lean more toward international social and political issues. It appears that most students concentrating on the Middle East are choosing to major in International Studies.

At present, virtually all the classes dealing with Japan and China at the university are offered by faculty in the Foreign Languages and Literatures department, home to three tenured or tenure-track faculty and two full-time lecturers in the fields of East Asian language and/or literatures and cultures.

**b. How does the program fit within the unit's future plans?**

The idea for creating a major in East Asian Studies has evolved out of FLL's hiring plan of the last few years. In 2012 and 2013 the department hired two lecturers (one in Japanese and one in Chinese) as well as two tenure-track faculty members (one in each language). We presently offer minors in Chinese and Japanese. We envision the East Asian Studies major as analogous to other undergraduate majors in our department, such as French and German.

**c. How does the program fit within the UNM mission and strategic plan?**

For more than a decade, the University has emphasized the importance of promoting "global awareness of and sensitivity to multicultural issues in today's interdependent world" as the Global Education Office website states. The East Asian Studies major will produce students who are equipped with an in-depth knowledge of China and Japan and the cultural and linguistic skills to bridge East and West.

The latest census reveals that 2.6% of the population of Albuquerque is Asian, not counting people of mixed race. Albuquerque supports numerous organizations with a link to East Asia, among them, the Chinese Cultural Center, the New Mexico Chapter of the Japanese American Citizens League, the Asian-American Association of New Mexico, the Korean American association of New Mexico and the Filipino American Foundation of New Mexico, as well as the Southwest chapter of the Chinese Scholars Association, whose members include many scientists and engineers at Sandia Labs and Los Alamos. An East Asian Studies program could serve as a link to some of these local communities. In addition, a second major in East Asian Studies might make students in the STEM disciplines more attractive job candidates in the global market.

**d. How does the program fit with related offerings at UNM**

The present Asian Studies major, situated in the International Studies Institute, would be phased out when the East Asian Studies major is adopted. The new major could work well with a second major or minor in International Studies. We will retain the minors in Japanese or Chinese, but eliminate the Asian Studies minor. A minor in International Studies might serve those students who do not wish to minor in either Japanese or Chinese. Students would not be permitted to minor in the same language as the track that they are pursuing for the East Asian Studies major, but a student on the Chinese track could potentially minor in Japanese. The new program will draw largely on courses offered by faculty in FLL and not depend on many courses covering Asia throughout the university, except for the requirement that majors take at least one Asian history class. Any topics courses in the social sciences or humanities with primarily East Asia related content could count as electives on a case-by-case basis. Majors will be strongly advised to participate in a study abroad program in Asia, such as the summer program in China.

**e. Assuming timely approval, what is the program development and implementation timeline?** We anticipate accepting majors in the Fall of 2015, if approved, or the Fall 2016.

## **2. Evidence of need**

### **a. Provide evidence of student demand**

At present there are 20 students who have declared or intend to declare a major in Asian Studies. The majority of these students focus on East Asia. In a survey carried out in Spring 2014 in Japanese and Chinese language classes, 28 out of 31 respondents wrote that they would “likely,” “very likely” or “definitely” choose to major in East Asian Studies. The results of a UNM e-survey conducted in Fall 2014 found that 44 of 58 students in Japanese or Chinese classes were likely to major in East Asian Studies, and nearly 40% of student respondents would “definitely” choose an East Asian Studies major if the program was offered.

### **b. Indicate how you intend to recruit students**

We will recruit majors from among students enrolled in Japanese and Chinese language and literature classes (360 in Fall 2014) and at university events promoting the various majors on campus, at study abroad meetings and at orientations for high school students. We will also visit high school Japanese and Chinese language classes to advertise.

### **c. How does the program fit with similar and related offerings in the state and region?**

While New Mexico State University benefits from the presence of the Confucius Institute, a program sponsored by the Chinese government, they offer only Japanese and Chinese classes (language and some culture), but no major. University of Texas at El Paso offers an interdisciplinary minor in Asian Studies (perhaps supported in part by the NMSU’s Confucius Institute). University of Colorado Boulder has a strong Asian Studies major (West, South and East Asia) at the B.A. and M.A. level; they also award PhDs in Japanese and Chinese. Colorado College and U. of Denver have Asian Studies programs. Students at U. of Arizona and Arizona State may major in Asian Studies. Northern Arizona University offers a minor. No universities in New Mexico award B.A.s in East Asian Studies.

### **d. Provide evidence of demand for program graduates.**

Graduates with strong linguistic and cultural skills in East Asian languages may find employment in government, the diplomatic service, or private corporations with business concerns in Asia. Other opportunities may include: writer, market research specialist, archivist, museum curator, Foreign Service officer, non-profit administrator, foreign student advisor, government agency, politician, historic preservation specialist, professor/educator, community affairs specialist, historic site administrator, import/export specialist, international banker, public policy advisor, international consultant, public relations specialist, international relations advisor, international trade specialist, translator, cultural affairs officer, interpreter, travel consultant, and international conference planner. Some local firms are building connections with Japanese business (Enerplus Technologies and MAE Corp., e.g. [*Albuquerque Business First*, July 17, 2014]) In May 2012, nine Japanese firms announced the launch of a Japan-U.S. Collaborative Smart Grid Demonstration Project in Albuquerque (Mesa del Sol). Sumitomo has a presence in the state as well.

### **3. Program content and quality**

#### **a. Describe the curriculum. Discuss any new courses and the impact of the curriculum on existing courses, including courses in other departments.**

Students who major in East Asian Studies will choose either a Japanese track or a Chinese track. They must earn 30 hours total.

#### **Chinese track**

1. Twelve hours in language: CHIN 301, 302, 305, 401
2. CHIN 343
3. Three hours in History selected from the following courses:  
HIST 251, 252, 382
4. Three hours in East Asian or Japanese culture selected from the following courses:  
JAPN 341, JAPN 342, JAPN 339, JAPN 345, JAPN 370, JAPN 411, HIST 251, 252, HIST 384, PHIL 108, RELG 263
5. Nine hours of electives selected from the following courses:  
CHIN 320, CHIN 343, CHIN 370, HIST 381, 382, 383, PHIL 336, PHIL 431 and any other China related classes offered on campus, based on pre-approval with the East Asian Studies advisor.

#### **Japanese track**

1. Twelve hours in language: JAPN 301, 302, 401, 402
2. Three hours in literature: JAPN 341 or 342
3. Three hours in history selected from the following courses:  
HIST 251, 252, or 384
4. Three hours in East Asian or Chinese culture or history selected from the following courses:  
CHIN 343, CHIN 320, CHIN 370, HIST 251, 252, 382, RELG 263, PHIL 108, PHIL 336
5. Nine hours of electives selected from the following courses:  
JAPN 320, 341, 342, 339, 345, 370, 411 and any other Japan related classes offered on campus, based on pre-approval with the East Asian Studies advisor.

We do not require, but strongly recommend that students in the major earn some of their hours at universities in Asia.

There will be nine new course numbers required for this program: CHIN 401, an advanced reading course, CHIN 343 (Chinese Literature and Culture in Translation), JAPN 341 (Pre-modern Japanese Literature in Translation), JAPN 342 (Modern Japanese Literature in Translation), JAPN 345 (Supernatural Japan), JAPN 370 (Japanese Cinema), and JAPN 401 and 402 (both advanced language classes). JAPN 345 (“Supernatural Japan”) and 401/402 have all been taught for many years using the topics numbers 339 and 411.

Instructional methods include both online and face-to-face meetings in small language classes, seminars, and lecture classes.

**b. What are the expected student learning outcomes for the program? (What will the students know and what will they be able to do when they complete this program?)**

**Broad Program Goals & Measurable Student Learning Outcomes**

- A. Students will be able to read and write non-specialist texts in their target language with clear identification and expression of key ideas.
- B. Students will be able to orally communicate and comprehend common situations in Japanese or Chinese.
- C1. Students will be able to distinguish the salient features of the cultures associated with East Asia (primarily China and Japan) in historical and contemporary contexts.
- C2. Students can identify how the cultures of East Asia have been represented.
- D1. Students will be able to describe and contextualize several key East Asian artistic forms and cultural practices.
- D2. Students can describe the distinctive qualities and legacy of several cultural works produced in East Asia.

**1. Student Learning Outcomes:**

Relationship to UNM Student Learning Goals (insert the program SLOs and check all that apply):

University of New Mexico Student Learning Goals				
Program SLOs	Knowledge	Skills	Responsibility	Program SLO is conceptually different from University goals.
A.1. Students will be able to read and write non-specialist texts in their target language with clear identification and expression of key ideas.	X	X		
A.1. Students will be able to communicate and comprehend narratives and descriptions of a factual nature in Chinese or Japanese.	X	X		
B. Students will be able to orally communicate and comprehend common situations in Japanese or Chinese	X	X		
C.1. Students will be able to distinguish the salient features of the cultures associated with East Asia (primarily China and Japan) in historical and contemporary	X		X	

contexts (and identify the achievements, people and values of the cultures associated with East Asia and the roles they play in the world).				
C.2. Students can identify how the cultures of East Asia have been represented.	X		X	
D.1. Students can describe and contextualize several significant East Asian art forms and cultural practices.	X			
D.2. Students can describe the distinctive qualities and legacy of several cultural works produced in East Asia.	X			

#### 4. Evaluation and Assessment

a. The East Asian Studies major will be housed in the department of Foreign Languages and Literatures and be governed in the same manner as other departmental programs (e.g., Classics, French, German). One faculty member will be appointed advisor, a position that will rotate every three years (more or less, as determined by affiliated faculty). Other issues regarding the major will be discussed by affiliated faculty, as well as the departmental faculty, when that decision affects the department as a whole.

#### b. How will learning outcomes be measured?

Assessment of student competence in the East Asian Studies major will be based on the students' successful completion of all requirements for the EAS majors, as well as the following criteria: performance on a 10-minute oral presentation delivered by majors in an upper division language class. Alternatively, oral performance may be assessed through an oral proficiency interview conducted by a faculty member in Japanese or Chinese during the student's last semester. SLOs C and D will be assessed through student performance on an essay in English of 3-6 pages submitted during a Spring semester upper-division Chinese or Japanese culture course. Assessment of oral performance will be correlated with the ACTFL (American Council of Teachers of Languages) "Oral Proficiency Guidelines: Speaking". For each of these, the ACTFL description of "intermediate-mid" and "intermediate-high" correspond to an acceptable or better performance. We expect 60% of students to meet the "intermediate-mid" criteria and 25% to meet the "intermediate-high" or above standard.

ACTFL guidelines: Speaking at the "Intermediate-mid" level:

"Able to handle successfully a variety of uncomplicated, basic and communicative tasks and social situations. Can talk simply about self and family members. Can ask and answer questions and participate in simple conversations on topics beyond the most immediate needs; e.g., personal history and leisure time activities. Utterance length increases slightly, but speech may continue to be characterized by frequent long pauses,

since the smooth incorporation of even basic conversational strategies is often hindered as the speaker struggles to create appropriate language forms. Pronunciation may continue to be strongly influenced by first language and fluency may still be strained. Although misunderstandings still arise, the Intermediate-mid speaker can generally be understood by sympathetic interlocutors."

## **5. Required Resources**

- a.** The present number of three tenure-track faculty (Ph.D) and two lecturers (M.A.) plus one or two teaching assistants for lower division courses is sufficient to offer the East Asian Studies major. Because we have few native speakers of Chinese or Japanese in the FLL graduate programs, we have had to draw on graduate students from across campus to supplement permanent faculty in order to cover our lower level courses.
- b.** The new major will not affect the workload of current faculty and support staff.
- c.** No additional faculty members are required to meet the needs of the program.
- d.** No additional faculty and staff development services are needed.
- e.** No new technology, media, equipment or instructional supplies are necessary to support the program's intended outcomes.
- f.** We are not requesting new faculty and therefore have no need for additional or renovated space.
- g.** As in our current Asian Studies major, CAPS, the library, ITS, and advising are important to the success of students majoring in East Asian Studies. We do not anticipate additional costs.
- h.** Two or three TA positions (and if not, funding for part time instructors) are needed to teach some sections of lower division language courses.
- i.** We do not anticipate extra course fees in the classes required for this major.

## **6. Projected Enrollment and Costs**

- a.** Provide a three-year projection of enrollments and program costs.  
Interest in China has been growing and Japanese enrollments remain high. We can expect at least 25 students to declare majors the first year, with steady increases in the following years.

## **East Asian Studies Baccalaureate Program Proposal Executive Summary**

This is a proposal for a new major in “East Asian Studies” that will replace the current Asian Studies major and be housed in the Department of Foreign Languages and Literatures. The East Asian Studies major will allow students to focus primarily on the language, culture and history of China or Japan, and acquire a higher degree of mastery and depth in Japanese and Chinese language and cultures. Administration of the East Asian Studies by faculty in the Department of Foreign Languages and Literatures will help streamline the program and requirements, enabling students to complete their degrees in a timely manner. Pending approval, we anticipate accepting majors in the Fall of 2015, if approved, or the Fall 2016, at the latest.

The shift from Asian Studies to East Asian Studies will advance the mission and strategic plans of the University of New Mexico and Department of Foreign Languages and Literatures, and reflects the realities of student demand and faculty resources in the area. Most current Asian Studies majors are in fact focused on the area of East Asia, specifically Japan and China. An East Asian Studies program not only will serve increasing student demand, but fits well with program offerings at other universities across the region and nation. This new major will also complement the University of New Mexico’s emphasis on promoting “global awareness of and sensitivity to multicultural issues in today’s interdependent world,” and will produce students who are equipped with an in-depth knowledge of China and Japan and the cultural and linguistic skills to bridge East and West. Considering that China and Japan are currently the world’s second and third largest economies, respectively, and represent areas of significant strategic interest, graduates with linguistic and cultural competencies in these areas will be an asset on an increasingly globalized job market.

With respect to the proposed program’s curriculum, students who major in East Asian Studies will choose either a Japanese track or a Chinese track. These tracks are roughly parallel, and will require students to complete a total of 30 hours of coursework. On each track, students must complete Japanese or Chinese language classes through the highest level offered, in addition to a variety of courses on East Asian cultures. While most of the required language, literature and culture courses will be offered by the Department of Foreign Languages and Literatures, this interdisciplinary program will also expect students to take at least one class in the History department, and give students the opportunity to take elective courses related to East Asia in other departments such as Religious Studies and Philosophy. We will strongly recommend students in the major earn some of their hours at universities in Asia. We are proposing nine new course numbers to support the major: CHIN 401, CHIN 343, CHIN 370, JAPN 341, JAPN 342, JAPN 345, JAPAN 370, JAPN 401 and JAPN 402. Most of these courses have previously been taught for many years using the topics numbers, and their addition is not expected to unduly impact faculty workloads.

Program goals and student learning outcomes of the East Asian Studies major will focus on cultivating both measurable linguistic proficiency in the target language and

knowledge of East Asian cultural practices, forms, and works in historical and contemporary contexts. All majors will be required to achieve a level of language proficiency in either Chinese or Japanese at the ACTFL level of “intermediate-high” or “advanced low.” Because the East Asian Studies major will be housed in the department of Foreign Languages and Literatures, evaluations and assessments will be performed in the same manner as other departmental programs (e.g. Classics, French, German). The proficiency of students in the target language will be assessed based on performance on a 10-minute oral presentation delivered by majors in an upper division language class, or through an oral proficiency interview conducted by a faculty member in Japanese or Chinese during the student’s last semester. Assessment of oral performance will be correlated with the ACTFL (American Council of Teachers of Languages) “Oral Proficiency Guidelines: Speaking.” We expect 60% of students to meet the “intermediate-mid” criteria and 25% to meet the “intermediate-high” or above standard. Cultural competency will be assessed through student performance on an essay in English submitted during a Spring semester upper-division Chinese or Japanese culture course.

As the East Asian Studies program will draw from, and make more efficient use of, the same resources that currently support the Asian Studies program, no additional faculty, staff, space, library, technology, media, or advising resources are required to meet the needs of the program. The present number of three tenure-track faculty (Ph.D.) and two lecturers (M.A.) is currently sufficient to offer the East Asian Studies major, although the addition one or two teaching assistants (and/or funding for part time instructors) is needed to teach some sections of lower division language courses. Interest in China has been growing and Japanese enrollments remain high. We can thus expect at least 20-25 students to declare majors the first year, with steady increases in the following years.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1546**

Fields marked with \* are required

**Name of Initiator:** Colleen Sheinberg    **Email:** [colleens@unm.edu](mailto:colleens@unm.edu)    **Phone Number:** 505 277-8401    **Date:** 11-02-2014

Associated Forms exist? Yes  Initiator's Title Temp Parttime Faculty: Music  
Faculty Contact Colleen Sheinberg    Administrative Contact Steven Block  
Department Music    Admin Email sblock@unm.edu  
Branch    Admin Phone 277-2126

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program Master of Music, Concentration in Collaborative Piano  
Select Category Concentration  Degree Type graduate  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[MM Collab-Catalog text.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
See attached.

[MM Collab-Reasons.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[MM Collab-Impact.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## Supplement to Form C: Master of Music Concentration in Collaborative Piano Current and Revised Catalog Text

[Current text]:

### The Master of Music Concentration in Collaborative Piano (Plan II-without thesis)

**Special prerequisites:** A student who wishes to pursue the concentration in collaborative piano must audition for an appropriate faculty jury or submit a recent tape or cassette. Prerequisites include diction for singers in German, French, Italian, English and Latin, and at least one year of language study in German, French or Italian. If these have not been included in the undergraduate program, the student will be required to fulfill these prerequisites as a graduate student.

#### Program of Study (32 hrs)

##### Required Courses (17 hrs)

APMS 501	Studio Instruction in the Principal Area of Concentration–Collaborative Piano	4
APMS 502	Studio Instruction in the Principal Area of Concentration–Collaborative Piano	4
APMS 591	Studio Instruction and Graduate Recital–Collaborative Piano*	4
MUS 531	Bibliography and Research	3
MUS 595	Accompanying (two semesters)	1+1

\* Four accompanying recitals are required, two vocal and two instrumental, as approved by the major professor. See the *Department of Music Graduate Student Handbook* for requirements, including those regarding Admission to Candidacy.

##### Music Electives (9 hrs)

Must be chosen from among the following courses:

MUS 513	Medieval and Renaissance Music	3
MUS 514	Studies in Baroque Music	3
MUS 515	Studies in Classic and Romantic Music	3
MUS 516	Studies in Twentieth-Century Music	3
MUS 525	Post-Tonal Theory	3
MUS 527	Theory Pedagogy	3
MUS 529	Techniques of Twentieth-Century Composition	3
MUS 537	Selected Topics in Music Literature	3
MUS 539	Selected Topics in Music Theory	3

##### Electives (6 hrs)

May be taken in areas outside Music, Music Education or Applied Music. Graduate students are encouraged to enroll in MUS 560 *Ensemble Performance*. Graduate students in the Collaborative Piano Concentration are encouraged to take at least one semester of Applied Music in harpsichord.

[Revised text]:

### The Master of Music Concentration in Collaborative Piano (Plan II-without thesis)

**Special prerequisites:** A student who wishes to pursue the concentration in collaborative piano must audition for an appropriate faculty jury or submit a recent tape or cassette. Prerequisites include diction for singers in German, French, Italian, English and Latin, and at least one year of language study in German, French or Italian. If these have not been included in the undergraduate program, the student will be required to fulfill these prerequisites as a graduate student.

#### Program of Study (32 hrs)

##### Required Courses (17 hrs)

APMS 501	Studio Instruction in the Principal Area of Concentration–Collaborative Piano	4
APMS 502	Studio Instruction in the Principal Area of Concentration–Collaborative Piano	4
APMS 591	Studio Instruction and Graduate Recital–Collaborative Piano*	4
MUS 531	Bibliography and Research	3
MUS 595	Accompanying (two semesters)	1+1

\* Four accompanying recitals are required, two vocal and two instrumental, as approved by the major professor. See the *Department of Music Graduate Student Handbook* for requirements.

##### Music Electives (9 hrs)

Must be chosen from among the following courses:

MUS 513	Medieval and Renaissance Music	3
MUS 514	Studies in Baroque Music	3
MUS 515	Studies in Classic and Romantic Music	3
MUS 516	Studies in Twentieth-Century Music	3
MUS 525	Post-Tonal Theory	3
MUS 527	Theory Pedagogy	3
<del>MUS 529</del>	<del>Techniques of Twentieth-Century Composition</del>	<del>3</del>
MUS 537	Selected Topics in Music Literature	3
<del>MUS 538</del>	<del>Selected Topics in Ethnomusicology</del>	<del>3</del>
MUS 539	Selected Topics in Music Theory	3

##### Electives (6 hrs)

May be taken in areas outside Music, Music Education or Applied Music. Graduate students are encouraged to enroll in MUS 560 *Ensemble Performance*. Graduate students in the Collaborative Piano Concentration are encouraged to take at least one semester of Applied Music in harpsichord.

**Supplement to Form C**  
**for**  
**Master of Music, Concentration in Collaborative Piano**

Reasons for Request

MUS 529 *Techniques of 20th-Century Composition* is being sunsetted, and therefore is being deleted from any music degrees that list it as an option to fulfill degree requirements.

MUS 538 *Selected Topics in Ethnomusicology* (Form B in process) is being added as an option to the Music Electives section of the degree plan, which lists advanced courses in music history and theory as options for selection by the student. While the field of musicology has been viewed in the past as synonymous with the study of traditional music history, current trends have expanded the field to include topics previously assigned to ethnomusicology, and the methodologies of both areas now are more similar in their inclusion of cultural and sociological influences on the music being studied. In recognition of this broader definition of music history/musicology, it seems appropriate to add an ethnomusicology topics course as an option to join the existing MUS 537 *Selected Topics in Music Literature* and MUS 539 *Selected Topics in Music Theory*.

**Supplement to Form C**  
**for**  
**Master of Music, Concentration in Collaborative Piano**

Justification, Planning, Budget, Faculty Workload

Justification for the Concentration:

N/A. This concentration already exists.

Impact on Long-Range Planning:

The change requested represents an effort to keep our music degrees in line with current trends in the field. The addition of an ethnomusicology topics course as a "Music Electives" option represents a desire to embrace the more inclusive definition of music history that is now current in the field.

Budget Analysis and Faculty Workload Implications

There will be no impact on budget or faculty load by the addition of MUS 538 to the list of course options.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1547**

Fields marked with \* are required

**Name of Initiator:** Colleen Sheinberg    **Email:** [colleens@unm.edu](mailto:colleens@unm.edu)    **Phone Number:** 505 277-8401    **Date:** 11-02-2014

Associated Forms exist? Yes  Initiator's Title Temp Parttime Faculty: Music  
Faculty Contact Colleen Sheinberg    Administrative Contact Steven Block  
Department Music    Admin Email sblock@unm.edu  
**Branch**    Admin Phone 277-2126

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program Master of Music, Concentration in Performance  
Select Category Concentration  Degree Type graduate  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[MM Perf-Cat Text.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
See attached file.

[MM Perf-Reasons.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[MM Perf-Impact.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## The Master of Music Concentration in Performance (Plan II—without thesis)

[Current text]:

**Special Prerequisites.** At the time of application, a student must audition for an appropriate faculty jury or submit a recent tape or cassette. For singers, this must include four vocal selections, memorized and representative of Italian, French, German and English. One of the selections must be an aria from opera or oratorio; the others preferably should be drawn from the art song repertory. The student should also submit copies of programs from any solo voice recitals that were performed as part of undergraduate degree work. (Note: In some cases, vocal faculty may request a live audition in addition to the audition tape). Please contact the Graduate Coordinator of the Music Department for audition appointments; early auditions are encouraged.

**Special Prerequisites—Voice.** Students in the area of voice must demonstrate good diction in Italian, French, and German and adequate vocal quality. If diction for singers and two years of foreign language (any combination of two from the following: Italian, French or German) do not appear on transcripts submitted, the Voice Faculty may declare the student deficient in these areas; the student may be required to make up these deficiencies.

### Program of Study (32 hours)

#### Required Courses (15-19 hrs)

APMS 501	Studio Instruction in the Principal Area of Concentration	4
APMS 502	Studio Instruction in the Principal Area of Concentration	4
APMS 591	Studio Instruction and Graduate Recital**	4
MUS 531	Bibliography and Research	3
MUS 588	Music Pedagogy—Voice ( <i>M.M. in Voice Performance only</i> )*	2
MUS 549	Music Repertory—Voice ( <i>M.M. in Voice Performance only</i> )*	2

\*Voice students may substitute electives for the above only with the approval of the Voice Faculty.

\*\* See above under “Graduate Recital Requirements” for specific requirements.

#### Music Electives (9 hrs)

Must be chosen from among the following courses:

MUS 513	Medieval and Renaissance Music	3
MUS 514	Studies in Baroque Music	3
MUS 515	Studies in Classic and Romantic Music	3
MUS 516	Studies in Twentieth-Century Music	3
MUS 525	Post-Tonal Theory	3
MUS 527	Theory Pedagogy	3
MUS 529	Techniques of 20th-Century Composition	3
MUS 537	Selected Topics in Music Literature	3
MUS 539	Selected Topics in Music Theory	3

#### Free Electives [(8 hrs; 4 hrs for Voice Performance)]

May be taken outside of music and may include 2 hours of

[Revised text]:

**Special Prerequisites.** At the time of application, a student must audition for an appropriate faculty jury or submit a recent tape or cassette. For singers, this must include four vocal selections, memorized and representative of Italian, French, German and English. One of the selections must be an aria from opera or oratorio; the others preferably should be drawn from the art song repertory. The student should also submit copies of programs from any solo voice recitals that were performed as part of undergraduate degree work. (Note: In some cases, vocal faculty may request a live audition in addition to the audition tape). Please contact the Graduate Coordinator of the Music Department for audition appointments; early auditions are encouraged.

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### Program of Study (32 hours)

#### Required Courses (15-19 hrs)

APMS 501	Studio Instruction in the Principal Area of Concentration	4
APMS 502	Studio Instruction in the Principal Area of Concentration	4
[APMS 503	Vocal Coaching ( <i>M.M. in Voice Performance only; 3 semesters with grade of CR are required</i> )]	0
APMS 591	Studio Instruction and Graduate Recital**	4
MUS 531	Bibliography and Research	3
MUS 588	Music Pedagogy—Voice ( <i>M.M. in Voice Performance only</i> )*	2
MUS 549	Music Repertory—Voice ( <i>M.M. in Voice Performance only</i> )*	2

\*Voice students may substitute electives for the above only with the approval of the Voice Faculty.

\*\* See above under “Graduate Recital Requirements” for specific requirements.

#### Music Electives (9 hrs)

Must be chosen from among the following courses:

MUS 513	Medieval and Renaissance Music	3
MUS 514	Studies in Baroque Music	3
MUS 515	Studies in Classic and Romantic Music	3
MUS 516	Studies in Twentieth-Century Music	3
MUS 525	Post-Tonal Theory	3
MUS 527	Theory Pedagogy	3
<del>MUS 529</del>	<del>Techniques of 20th-Century Composition</del>	<del>3</del>
MUS 537	Selected Topics in Music Literature	3
[MUS 538	Selected Topics in Ethnomusicology	3]
MUS 539	Selected Topics in Music Theory	3

#### Free Electives [(8 hrs; 4 hrs for Voice Performance)]

May be taken outside of music and may include 2 hours of

applied instrument or voice other than concentrate. Graduate students are encouraged to enroll in Music 560 *Ensemble Performance*; four hours of ensemble credit will count toward the degree.

applied instrument or voice other than concentrate. Graduate students are encouraged to enroll in Music 560 *Ensemble Performance*; four hours of ensemble credit will count toward the degree.

**Supplement to Form C  
for  
Master of Music, Concentration in Performance**

Reasons for Request

Under "Required Courses," vocal majors will now be required to take 3 semesters of APMS 503 *Vocal Coaching*, a new course being created via Form B. In addition to their weekly lessons with their principal vocal instructor, students will now meet with a vocal coach, who will provide additional instruction in their assigned repertoire. The vocal coach will work primarily on diction and preparation of the repertoire, allowing the principal vocal instructor to spend more time on technique and questions of style. APMS 503 is designed to be repeatable, and the student will be encouraged to enroll in the course each semester that he or she is enrolled in voice lessons, but since it is possible to complete the degree in three semesters, only three semesters of the course will be required by the degree plan.

Under "Music Electives," MUS 529 *Techniques of 20th-Century Composition* is being sunsetted, and therefore is being deleted from any music degrees that list it as an option to fulfill degree requirements.

Under "Music Electives," MUS 538 *Selected Topics in Ethnomusicology* (Form B in process) is being added as an option to the Music Electives section of the degree plan, which lists advanced courses in music history and theory as options for selection by the student. While the field of musicology has been viewed in the past as synonymous with the study of traditional music history, current trends have expanded the field to include topics previously assigned to ethnomusicology, and the methodologies of both areas now are more similar in their inclusion of cultural and sociological influences on the music being studied. In recognition of this broader definition of music history/musicology, it seems appropriate to add an ethnomusicology topics course as an option to join the existing MUS 537 *Selected Topics in Music Literature* and MUS 539 *Selected Topics in Music Theory*.

**Supplement to Form C  
for  
Master of Music, Concentration in Performance**

Justification, Planning, Budget, Faculty Workload

Justification for the Concentration:

N/A. This concentration already exists.

Impact on Long-Range Planning:

The addition of the Vocal Coaching course for voice majors will better prepare students for their future careers in music. Because UNM has been one of the few Research I universities in the country without a vocal coach on its faculty, the vocal degree at UNM has been greatly affected over the years; with the addition of coaching to our course offerings, we hope to be able to recruit a higher level of student to the program.

The addition of an ethnomusicology topics course as a "Music Electives" option represents a desire to embrace the more inclusive definition of music history that is now prevalent in the field. The change requested represents an effort to keep our music degrees current.

Budget Analysis and Faculty Workload Implications

There will be no impact on budget or faculty load by the addition of MUS 538 to the list of course options.

The Vocal Coaching course will be taught by Kristin Ditlow and will be part of her regular teaching load. She has already been teaching this material during the 2014-2015 academic year (listed as a co-instructor of the Applied Music studio courses), so there will be no impact on budget or load.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1548**

Fields marked with \* are required

**Name of Initiator:** Colleen Sheinberg    **Email:** [colleens@unm.edu](mailto:colleens@unm.edu)    **Phone Number:** 505 277-8401    **Date:** 11-02-2014

Associated Forms exist? Yes  Initiator's Title Temp Parttime Faculty: Music  
Faculty Contact Colleen Sheinberg    Administrative Contact Steven Block  
Department Music    Admin Email sblock@unm.edu  
**Branch**    Admin Phone 277-2126

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program Master of Music, Concentration in Conducting  
Select Category Concentration  Degree Type graduate  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[MM Cond-Cat Text.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
See attached file.

[MM Conducting-Reasons.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[MM Conducting-Impact.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**Supplement to Form C: Master of Music, Concentration in Conducting  
(Plan II—without thesis)  
Current and Revised Catalog Text**

[Current text]:

**Special Prerequisites:** At the time of application, a student emphasizing conducting must audition for an appropriate faculty jury or submit a video and/or audio tape of a recent program. If a tape is submitted, it should contain approximately 20 minutes of conducting, which can include rehearsal and/or concert performance; if possible, two pieces of contrasting styles should be represented. For a specialization in band conducting, please contact the Director of Bands before submitting a tape.

Students accepted into the Conducting Concentration will be required to take an aural skills test upon entering the program. If a sufficient level of proficiency is not demonstrated, appropriate coursework will be required as part of the student's studies toward the master's degree.

**Special Prerequisites—Choral Focus:** If diction for singers and two years of foreign language (any combination of two from the following: Italian, French or German) do not appear on transcripts submitted, the student may be required to make up these deficiencies as a graduate student.

**Program of Study (32 hrs.)**

Required Courses (17 hrs.)

MUS 531 Bibliography and Research	3
MUS 560 Ensemble Performance	1+1
MUS 571 Conducting Seminar—in area of focus*	2+2
 MUS 571 Conducting Seminar—in area other than focus*	 2
 MUS 572 Advanced Conducting Seminar—in area of focus*	 2+2
 APMS 591 Graduate Conducting Recital	 2

\* The Concentration in Conducting is intended to prepare the student in the techniques of choral, instrumental (winds) and instrumental (orchestral) conducting. It is expected that a student will focus on one of these areas in his or her studies. However, he or she will be expected to take at least one semester of MUS 571 *Conducting Seminar* in one of the other areas.

**Music Electives (9 hrs.)**

Must be chosen from among the following courses:

MUS 513 Medieval and Renaissance Music	3
MUS 514 Studies in Baroque Music	3
MUS 515 Studies in Classic and Romantic Music	3
MUS 516 Studies in Twentieth-Century Music	3
MUS 525 Post-Tonal Theory	3
MUS 527 Theory Pedagogy	3
MUS 529 Techniques of Twentieth-Century Composition	3

[Revised text]:

**Special Prerequisites:** At the time of application, a student emphasizing conducting must audition for an appropriate faculty jury or submit a video and/or audio tape of a recent program. If a tape is submitted, it should contain approximately 20 minutes of conducting, which can include rehearsal and/or concert performance; if possible, two pieces of contrasting styles should be represented. For a specialization in band conducting, please contact the Director of Bands before submitting a tape.

Students accepted into the Conducting Concentration will be required to take an aural skills test upon entering the program. If a sufficient level of proficiency is not demonstrated, appropriate coursework will be required as part of the student's studies toward the master's degree.

**Special Prerequisites—Choral Focus:** If diction for singers and two years of foreign language (any combination of two from the following: Italian, French or German) do not appear on transcripts submitted, the student may be required to make up these deficiencies as a graduate student.

**Program of Study (32 hrs.)**

Required Courses (17 hrs.)

MUS 531 Bibliography and Research	3
MUS 560 Ensemble Performance	1+1
MUS 571 Conducting Seminar—in area of focus*	2+2
 MUS 571 Conducting Seminar—in area other than focus*	 2
 MUS 572 Advanced Conducting Seminar—in area of focus*	 2+2
 APMS 591 Graduate Conducting Recital**	 2

\* The Concentration in Conducting is intended to prepare the student in the techniques of choral, instrumental (winds) and instrumental (orchestral) conducting. It is expected that a student will focus on one of these areas in his or her studies. However, he or she will be expected to take at least one semester of MUS 571 *Conducting Seminar* in one of the other areas.

**Music Electives (9 hrs.)**

Must be chosen from among the following courses:

MUS 513 Medieval and Renaissance Music	3
MUS 514 Studies in Baroque Music	3
MUS 515 Studies in Classic and Romantic Music	3
MUS 516 Studies in Twentieth-Century Music	3
MUS 525 Post-Tonal Theory	3
MUS 527 Theory Pedagogy	3

~~[MUS 529 Techniques of Twentieth-Century Composition 3]~~

MUS 537 Selected Topics in Music Literature 3

MUS 539 Selected Topics in Music Theory 3

It is recommended that students with an instrumental focus in wind conducting take either MUS 516 *Studies in Twentieth-Century Music* or MUS 529 *Techniques of Twentieth-Century Composition*.

**Electives (6 hrs.)**

The major professor will recommend courses appropriate to the student's degree focus (choral, orchestral, or winds). Students focusing in choral conducting are encouraged to take at least one semester of Applied Music in voice.

**Additional requirements**

Conducting majors are expected to assist, as needed, with various ensembles throughout their residency.

**\*\*Graduate Recital**

See above under "Graduate Recital Requirements" for specific requirements.

The master's recital is a conducting performance of major proportions. A conducting practicum is required for the recital. The student may be responsible for developing such a group. The recital shall be a demonstration of the candidate's ability to program effectively, interpret the various styles and forms, understand acceptable conducting techniques and work effectively with the ensemble. Either 1) a short research document relating to the music and a review of the practicum experience prior to and including the performance; or 2) program notes are required. Substitution of the research document for program notes must be made after consultation with, and with approval of, the conducting faculty, who will determine the format and requirements for the document.

MUS 537 Selected Topics in Music Literature 3

[MUS 538 Selected Topics in Ethnomusicology 3]

MUS 539 Selected Topics in Music Theory 3

It is recommended that students with an instrumental focus in wind conducting [take MUS 516 *Studies in Twentieth-Century Music*].

**Electives (6 hrs.)**

The major professor will recommend courses appropriate to the student's degree focus (choral, orchestral, or winds). [Students focusing in choral or orchestral conducting are encouraged to take Applied Music in piano.] Students focusing in choral conducting are encouraged to take at least one semester of Applied Music in voice.

**Additional requirements**

Conducting majors are expected to assist, as needed, with various ensembles throughout their residency.

**\*\*Graduate Recital**

The master's recital is a conducting performance of major proportions. An ensemble is required for the recital; the student may be responsible for recruiting and organizing the musicians for this group. The recital shall be a demonstration of the candidate's ability to program effectively, interpret the various styles and forms, understand acceptable conducting techniques and work effectively with the ensemble. See above under "Graduate Recital Requirements" for specific requirements.]

**Supplement to Form C  
for  
Master of Music, Concentration in Conducting**

Reasons for Request

Under "Music Electives," MUS 529 *Techniques of 20th-Century Composition* is being sunsetted, and therefore is being deleted from any music degrees that list it as an option to fulfill degree requirements. It is here deleted from both the list of courses, and from the recommendation that appears below the list.

Under "Music Electives," MUS 538 *Selected Topics in Ethnomusicology* (Form B in process) is being added as an option to the Music Electives section of the degree plan, which lists advanced courses in music history and theory as options for selection by the student. While the field of musicology has been viewed in the past as synonymous with the study of traditional music history, current trends have expanded the field to include topics previously assigned to ethnomusicology, and the methodologies of both areas now are more similar in their inclusion of cultural and sociological influences on the music being studied. In recognition of this broader definition of music history/musicology, it seems appropriate to add an ethnomusicology topics course as an option to join the existing MUS 537 *Selected Topics in Music Literature* and MUS 539 *Selected Topics in Music Theory*.

Under "Electives," students pursuing the orchestral or choral focus will now be encouraged to improve their piano skills by taking applied lessons. Piano-playing is essential to conductors who specialize in these areas. Since some students come to the conducting program from a piano background and do not need additional study, we do not wish to make piano coursework a degree requirement, but we do want to convey the message that students can use their Electives as a way to improve their keyboard abilities.

Under "Graduate Recital" (following "Additional requirements" at the bottom of the page), the option is being removed for the student to substitute a short research document for recital program notes. This option was added to the degree plan at a time when students prepared for their recital via private conducting lessons. Since then, the degree has been restructured to require five semesters of conducting seminars, and these provide the students with the opportunity to discuss the practical aspects of conducting and compare experiences with their peers. The ability to write good program notes is recognized as a necessary skill for conducting majors, and students will now be required to provide notes for the conducting recital, just as is currently required for the performance concentration.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1549**

Fields marked with \* are required

**Name of Initiator:** Colleen Sheinberg    **Email:** [colleens@unm.edu](mailto:colleens@unm.edu)    **Phone Number:** 505 277-8401    **Date:** 11-02-2014

Associated Forms exist? Yes  Initiator's Title Temp Parttime Faculty: Music  
Faculty Contact Colleen Sheinberg    Administrative Contact Steven Block  
Department Music    Admin Email sblock@unm.edu  
**Branch**    Admin Phone 277-2126

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program Master of Music, Concentration in Musicology  
Select Category Concentration  Degree Type graduate  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[MM Musicology-Cat Text.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
See attached file

[MM Musicology-Reasons.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[MM Musicology-Impact.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## Supplement to Form C Current and Revised Catalog Text

### Master of Music, Concentration in Musicology (Plan I—with thesis)

[Current text]:

**Special prerequisite:** A student emphasizing musicology must submit, with the application, a research paper that shows a knowledge of research techniques and satisfactory ability in written English.

**Program of Study (26 credit hours plus thesis)**

**Required Courses (9 credit hours)**

MUS 531	Bibliography and Research	3
MUS 599	Master's Thesis	6

**Music History Electives (9 hours)**

Must be chosen from among the following courses:

MUS 513	Medieval and Renaissance Music	3
MUS 514	Studies in Baroque Music	3
MUS 515	Studies in Classic and Romantic Music	3
MUS 516	Studies in Twentieth-Century Music	3
MUS 537	Selected Topics in Music Literature	3

**Other Music Electives (6 credit hours)**

Must be chosen from among the following courses or from the Music History courses above:

MUS 525	Post-Tonal Theory	3
MUS 527	Theory Pedagogy	3
MUS 529	Techniques of Twentieth-Century Composition	3
MUS 539	Selected Topics in Music Theory	3
MUS 551	Graduate Problems	1-3

**Free Electives (8 credit hours)**

Up to 6 hours may be taken outside of Music. May include up to 2 hours of applied instrument or voice. May include up to 2 hours of MUS 560 *Ensemble Performance*.

[Revised text]:

**Special prerequisite:** A student [concentrating in] musicology must submit, with the application, a research paper that shows a knowledge of research techniques and satisfactory ability in written English.

**Program of Study (26 credit hours plus thesis)**

**Required Courses [(15 credit hours)]**

MUS 500	Musicology Colloquium*	0
	* Students must enroll in MUS 500 each semester that they are enrolled in the Musicology program.]	
MUS 531	Bibliography and Research	3
[MUS 540	Proseminar in Critical Musicology	3
MUS 541	Proseminar in Anthropology of Music	3]
MUS 599	Master's Thesis	6

[NOTE: The student must earn a grade of B- or higher for 531, 540 and 541]

**[Musicology Electives (6 credit hours)]**

Must be chosen from among the following courses in consultation with the student's Musicology area advisor:]

MUS 513	[Studies in] Medieval and Renaissance Music	3
MUS 514	Studies in Baroque Music	3
MUS 515	Studies in Classic and Romantic Music	3
MUS 516	Studies in Twentieth-Century Music	3
MUS 537	Selected Topics in Music Literature	3
[MUS 538	Selected Topics in Ethnomusicology	3
MUS 544	Anthropology of World Beat	3
MUS 548	The Anthropology of Music and Sound	3
MUS 551	Graduate Problems	1-3]

**[Music Theory] Electives (6 credit hours)**

[Must be chosen from among the following courses in consultation with the student's Musicology area advisor:]

MUS 525	Post-Tonal Theory	3
MUS 527	Theory Pedagogy	3
[MUS 529	Techniques of Twentieth-Century Composition	3]
MUS 539	Selected Topics in Music Theory	3
MUS 551	Graduate Problems	1-3

**[Related Field Electives (3 credit hours)]**

Must be selected from courses offered for graduate credit outside Music, Music Education or Applied Music and must be selected in consultation with the student's thesis advisor.]

**[Performance electives (2 credit hours)]**

Must be selected from ensembles offered under MUS 560 *Ensemble Performance* and must include at least one non-classical ensemble.]

**Additional Requirement:**

Reading ability in one foreign language, preferably German, French or Spanish. To meet the foreign language requirement, one of the following must be accomplished:

1. With a grade of 3.0 (B) or better, pass as many undergraduate semesters of one language as are equivalent to completion of the fourth-semester course in that language; preferably, the language should be German, French or Spanish.
2. Pass two semesters of one foreign language course designed especially to meet the needs of graduate students.
3. For a student already fluent in a foreign language, preferably German, French or Spanish, who lacks the appropriate undergraduate coursework, the Music Graduate Committee will recommend the method by which he or she can satisfy the foreign language requirement.

**[Language] Requirement:**

Reading ability in one foreign language, preferably German, French or Spanish. To meet the foreign language requirement, one of the following must be accomplished:

1. With a grade of 3.0 (B) or better, pass as many undergraduate semesters of one language as are equivalent to completion of the fourth-semester course in that language; preferably, the language should be German, French or Spanish.
2. Pass two semesters of one foreign language course designed especially to meet the needs of graduate students.
3. For a student already fluent in a foreign language, preferably German, French or Spanish, who lacks the appropriate undergraduate coursework, the Music Graduate Committee will recommend the method by which he or she can satisfy the foreign language requirement.

**Supplement to Form C  
for  
Master of Music, Concentration in Musicology**

Reasons for Request

Under "Required Courses," the two Proseminar courses (MUS 540 and MUS 541) will cover issues and methodologies basic to the field. Until now, the only required course other than Thesis has been the general Bibliography and Research course that almost all other Master of Music students take. The Proseminar courses will be specific to the fields of Musicology and Ethnomusicology respectively, and therefore will acquaint musicology students with knowledge that directly bears upon the field

. In addition, all students in the program will now be required to attend Musicology colloquia and brown bag discussion sessions each semester that they are enrolled. The faculty feel it is imperative that students regard these events as seriously as an academic course, and therefore want to make them a requirement rather than just a recommendation or suggestion.

Under "Musicology Electives," several Ethnomusicology courses are being added to the options, so that students may take courses more relevant to their area of specialty if they wish to focus in that area.

In addition to the previous History and Theory Electives, students will now be required to take at least one course outside the field of Music that is relevant to their thesis topic and they will also be required to take two semesters of non-classical music ensemble. Musicologists need to have broad knowledge related to their thesis topic, and they also need to possess some knowledge of non-classical music, since the field of Musicology now embraces concepts of ethnomusicology as well as traditional music history.

**Supplement to Form C  
for  
Master of Music, Concentration in Musicology**

Justification, Planning, Budget, Faculty Workload

Justification for the Concentration:

N/A. This concentration already exists.

Impact on Long-Range Planning:

These changes are being made in order to bring the Musicology Concentration in line with similar degree programs offered at other institutions in the U.S. The Musicology (formerly Music History and Literature) concentration has had very few graduates in the last forty years, and a concerted effort is now being made to restructure the program so that we can attract quality students and increase our graduation rates. The addition of the two Proseminar courses will address issues specific to the fields of Musicology and Ethnomusicology, and the requirement for MUS 500 *Musicology Colloquium* will both bolster and benefit from the new Musicology Colloquium series that was begun last year. These and other changes to the degree, including MUS 544, MUS 548 and MUS 538 as Musicology Electives, are designed to broaden the scope of the degree program and attract students who are interested in either traditional Musicology or Ethnomusicology.

Budget Analysis and Faculty Workload Implications

The two Proseminar courses will be taught by Profs. Ana Alonso-Minutti and Kristina Jacobsen-Bia as part of their regular teaching load. There will therefore be no impact on budget or faculty workload.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1551**

Fields marked with \* are required

**Name of Initiator:** Colleen Sheinberg    **Email:** [colleens@unm.edu](mailto:colleens@unm.edu)    **Phone Number:** 505 277-8401    **Date:** 11-02-2014

Associated Forms exist? Yes  Initiator's Title Temp Parttime Faculty: Music  
Faculty Contact Colleen Sheinberg    Administrative Contact Steven Block  
Department Music    Admin Email sblock@unm.edu  
**Branch**    Admin Phone 277-2126

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program Master of Music, Concentration in String Pedagogy  
Select Category Concentration  Degree Type graduate  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[MM StrPed-Cat Txt.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
See attached file.

[MM StrPed-Reasons.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[MM StrPed-Impact.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**Supplement to Form C: Master of Music, Concentration in String Pedagogy  
(Plan II—without thesis)  
Catalog Text**

Current Text:

**Program of Study (32 hrs.)**

**Special Prerequisites:** As part of the application process, the student must perform a live audition for the string faculty or submit a videotape. An interview with the Director of String Pedagogy is also required.

**Required Courses (19 hrs.)**

APMS 519	Studio Instruction Outside the Principal Area of Concentration: [focus instrument]	1
APMS 520	Studio Instruction Outside the Principal Area of Concentration: [focus instrument]	1
MUS 531	Bibliography and Research	3
MUS 560	Ensemble Performance: Symphony Orchestra	1+1
MUS 561	String Pedagogy I	2
MUS 562	String Pedagogy II	2
MUS 563	String Pedagogy III	2
MUS 564	String Pedagogy IV	2
MUS 566	String Pedagogy Project	2
MUS 567	Readings in String Pedagogy	2

**Music Electives (9 hrs.)**

Must be chosen from among the following courses:

MUS 513	Medieval and Renaissance Music	3
MUS 514	Studies in Baroque Music	3
MUS 515	Studies in Classic and Romantic Music	3
MUS 516	Studies in Twentieth-Century Music	3
MUS 525	Post-Tonal Theory	3
MUS 527	Theory Pedagogy	3
MUS 529	Techniques of Twentieth-Century Composition	3
MUS 537	Selected Topics in Music Literature	3
MUS 539	Selected Topics in Music Theory	3

**Free Electives (4 hrs.)**

May be taken outside of music. A maximum of two additional hours of MUS 560 *Ensemble Performance* will count toward the degree.

Revised Text:

**Program of Study (32 hrs.)**

**Special Prerequisites:** As part of the application process, the student must perform a live audition for the string faculty or submit a videotape. An interview with the Director of String Pedagogy is also required.

**Required Courses (19 hrs.)**

APMS 519	Studio Instruction Outside the Principal Area of Concentration: [focus instrument]	1
APMS 520	Studio Instruction Outside the Principal Area of Concentration: [focus instrument]	1
MUS 531	Bibliography and Research	3
MUS 560	Ensemble Performance: Symphony Orchestra	1+1
MUS 561	String Pedagogy I	2
MUS 562	String Pedagogy II	2
MUS 563	String Pedagogy III	2
MUS 564	String Pedagogy IV	2
MUS 566	String Pedagogy Project	2
MUS 567	Readings in String Pedagogy	2

**Music Electives (9 hrs.)**

Must be chosen from among the following courses:

MUS 513	Medieval and Renaissance Music	3
MUS 514	Studies in Baroque Music	3
MUS 515	Studies in Classic and Romantic Music	3
MUS 516	Studies in Twentieth-Century Music	3
MUS 525	Post-Tonal Theory	3
MUS 527	Theory Pedagogy	3
<del>MUS 529</del>	<del>Techniques of Twentieth-Century Composition</del>	<del>3</del>
MUS 537	Selected Topics in Music Literature	3
<b>[MUS 538 Selected Topics in Ethnomusicology]</b>		<b>3]</b>
MUS 539	Selected Topics in Music Theory	3

**Free Electives (4 hrs.)**

May be taken outside of music. A maximum of two additional hours of MUS 560 *Ensemble Performance* will count toward the degree.

**Supplement to Form C  
for  
Master of Music, Concentration in String Pedagogy**

Reasons for Request

MUS 529 *Techniques of 20th-Century Composition* is being sunsetted, and therefore is being deleted from any music degrees that list it as an option to fulfill degree requirements.

MUS 538 *Selected Topics in Ethnomusicology* (Form B in process) is being added as an option to the Music Electives section of the degree plan, which lists advanced courses in music history and theory as options for selection by the student. While the field of musicology has been viewed in the past as synonymous with the study of traditional music history, current trends have expanded the field to include topics previously assigned to ethnomusicology, and the methodologies of both areas now are more similar in their inclusion of cultural and sociological influences on the music being studied. In recognition of this broader definition of music history/musicology, it seems appropriate to add an ethnomusicology topics course as an option to join the existing MUS 537 *Selected Topics in Music Literature* and MUS 539 *Selected Topics in Music Theory*.

**Supplement to Form C**  
**for**  
**Master of Music, Concentration in String Pedagogy**

Justification, Planning, Budget, Faculty Workload

Justification for the Concentration:

N/A. This concentration already exists.

Impact on Long-Range Planning:

The addition of an ethnomusicology topics course as a "Music Electives" option represents a desire to embrace the more inclusive definition of music history that is now prevalent in the field. The change requested represents an effort to keep our music degrees current.

Budget Analysis and Faculty Workload Implications

There will be no impact on budget or faculty load by the addition of MUS 538 to the list of course options.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1552**

Fields marked with \* are required

**Name of Initiator:** Colleen Sheinberg    **Email:** [colleens@unm.edu](mailto:colleens@unm.edu)    **Phone Number:** 505 277-8401    **Date:** 11-02-2014

Associated Forms exist? Yes  Initiator's Title Temp Parttime Faculty: Music  
Faculty Contact Colleen Sheinberg    Administrative Contact Steven Block  
Department Music    Admin Email sblock@unm.edu  
**Branch**    Admin Phone 277-2126

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program Master of Music, Concentration in Woodwinds  
Select Category Concentration  Degree Type graduate  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[MM WW's-Catalog Text.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
See attached file.

[MM WW's-Reasons.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[MM WW's-Impact.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## Master of Music Concentration in Woodwinds (Plan II-without thesis)

### Current text:

**Special Prerequisites.** At the time of application, a student must audition for an appropriate faculty jury or submit a recent tape or cassette. Students must audition on their primary instrument and at least one other secondary instrument.

### **Program of Study (32 hours)**

#### Required Courses (18 hrs)

APMS 501	Studio Instruction in the Principal Area of Concentration: [Principal Instrument]	4
APMS 502	Studio Instruction in the Principal Area of Concentration: [Principal Instrument]	4
APMS 519	Studio Instruction Outside the Principal Area of Concentration: [first secondary woodwind instrument]*	1
APMS 519	Studio Instruction Outside the Principal Area of Concentration: [second secondary woodwind instrument]*	1
APMS 519	Studio Instruction Outside the Principal Area of Concentration: [third secondary woodwind instrument]*	1
APMS 591	Studio Instruction and Graduate Recital; [Principal Instrument]**	4
MUS 531	Bibliography and Research	3

\* The student must perform a jury on each secondary instrument; the level of performances must be acceptable to the woodwind faculty to indicate sufficient proficiency.

\*\* See above under "Graduate Recital Requirements" for specific requirements.

#### Music Electives (9 hrs)

Must be chosen from among the following courses:

MUS 513	Medieval and Renaissance Music	3
MUS 514	Studies in Baroque Music	3
MUS 515	Studies in Classic and Romantic Music	3
MUS 516	Studies in Twentieth-Century Music	3
MUS 525	Post-Tonal Theory	3
MUS 527	Theory Pedagogy	3
MUS 528	Music Styles Before 1750	3
MUS 529	Techniques of 20th-Century Composition	3
MUS 537	Selected Topics in Music Literature	3
MUS 539	Selected Topics in Music Theory	3

#### Free Electives (5 hrs)

May be taken outside of music. Graduate students are encouraged to enroll in Music 560 *Ensemble Performance*; four hours of ensemble credit will count toward the degree.

### Revised text:

**Special Prerequisites.** At the time of application, a student must audition for an appropriate faculty jury or submit a recent tape or cassette. Students must audition on their primary instrument and at least one other secondary instrument.

### **Program of Study (32 hours)**

#### Required Courses (18 hrs)

APMS 501	Studio Instruction in the Principal Area of Concentration: [Principal Instrument]	4
APMS 502	Studio Instruction in the Principal Area of Concentration: [Principal Instrument]	4
APMS 519	Studio Instruction Outside the Principal Area of Concentration: [first secondary woodwind instrument]*	1
APMS 519	Studio Instruction Outside the Principal Area of Concentration: [second secondary woodwind instrument]*	1
APMS 519	Studio Instruction Outside the Principal Area of Concentration: [third secondary woodwind instrument]*	1
APMS 591	Studio Instruction and Graduate Recital; [Principal Instrument]**	4
MUS 531	Bibliography and Research	3

\* The student must perform a jury on each secondary instrument; the level of performances must be acceptable to the woodwind faculty to indicate sufficient proficiency.

\*\* See above under "Graduate Recital Requirements" for specific requirements.

#### Music Electives (9 hrs)

Must be chosen from among the following courses:

MUS 513	Medieval and Renaissance Music	3
MUS 514	Studies in Baroque Music	3
MUS 515	Studies in Classic and Romantic Music	3
MUS 516	Studies in Twentieth-Century Music	3
MUS 525	Post-Tonal Theory	3
MUS 527	Theory Pedagogy	3
<del>MUS 528</del>	<del>Music Styles Before 1750</del>	<del>3</del>
<del>MUS 529</del>	<del>Techniques of 20th-Century Composition</del>	<del>3</del>
MUS 537	Selected Topics in Music Literature	3
<del>MUS 538</del>	<del>Selected Topics in Ethnomusicology</del>	<del>3</del>
MUS 539	Selected Topics in Music Theory	3

#### Free Electives (5 hrs)

May be taken outside of music. Graduate students are encouraged to enroll in Music 560 *Ensemble Performance*; four hours of ensemble credit will count toward the degree.

**Supplement to Form C  
for  
Master of Music, Concentration in Woodwinds**

Reasons for Request

MUS 528 *Styles Before 1750* no longer exists.

MUS 529 *Techniques of 20th-Century Composition* is being sunsetted, and therefore is being deleted from any music degrees that list it as an option to fulfill degree requirements.

MUS 538 *Selected Topics in Ethnomusicology* (Form B in progress) is being added as an option to the Music Electives section of the degree plan, which lists advanced courses in music history and theory as options for selection by the student. While the field of musicology has been viewed in the past as synonymous with the study of traditional music history, current trends have expanded the field to include topics previously assigned to ethnomusicology, and the methodologies of both areas now are more similar in their inclusion of cultural and sociological influences on the music being studied. In recognition of this broader definition of music history/musicology, it seems appropriate to add an ethnomusicology topics course as an option to join the existing MUS 537 *Selected Topics in Music Literature* and MUS 539 *Selected Topics in Music Theory*.

**Supplement to Form C**  
**for**  
**Master of Music, Concentration in Woodwinds**

Justification, Planning, Budget, Faculty Workload

Justification for the Concentration:

N/A. This concentration already exists.

Impact on Long-Range Planning:

The addition of an ethnomusicology topics course as a "Music Electives" option represents a desire to embrace the more inclusive definition of music history that is now prevalent in the field. The change requested represents an effort to keep our music degrees current.

Budget Analysis and Faculty Workload Implications

There will be no impact on budget or faculty load by the addition of MUS 538 to the list of course options.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1556**

Fields marked with \* are required

**Name of Initiator:** Colleen Sheinberg    **Email:** [colleens@unm.edu](mailto:colleens@unm.edu)    **Phone Number:** 505 277-8401    **Date:** 11-03-2014

Associated Forms exist? Yes  Initiator's Title Temp Parttime Faculty: Music  
Faculty Contact Colleen Sheinberg    Administrative Contact Steven Block  
Department Music    Admin Email sblock@unm.edu  
**Branch**    Admin Phone 277-2126

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program Master of Music, Concentration in Theory and Composition  
Select Category Concentration  Degree Type graduate  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[MM TheoryComp Catalog Text.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
See attached file.

[MM TheoryComp-Reasons.pdf](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[MM TheoryComp-Justification.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**Supplement to Form C: Master of Music, Concentration in Theory and Composition  
(Plan I—with thesis)  
Current and Revised Catalog Text**

[Current text]:

**Special prerequisites:** A student applying for the Master of Music Concentration in Theory and Composition must submit (preferably electronically) a portfolio consisting of the following:

For a composition focus, the portfolio should consist of several compositions. If these are for conventional acoustic media (string quartet, voice and piano, orchestra, band, chorus, solo piano, etc.), scores and recordings, if available, should be submitted. If the medium is in digital form, a copy of the work and a short essay explaining your creative process for the piece should be submitted.

For a theory focus, the portfolio should consist of two essays in academic format. At least one of the two should be on a theory or analysis topic, while the other may be historical in nature.

If you are undecided whether your focus will be in theory or composition, then your portfolio should contain at least one composition/creative work and one essay (theory or analysis only).

**Program of Study (26 hrs. plus thesis)**

**Required Courses (17 hrs.)**

APMS 501	Studio Instruction in the Principal Area of Concentration–Composition	2
MUS 525	Post-Tonal Theory	3
MUS 527	Theory Pedagogy	3
MUS 531	Bibliography and Research	3
MUS 599	Master’s Thesis	6

**Elective in Composition (2 hours)**

Must be chosen from any topics offered under the following:

MUS 507	Selected Topics in Music Composition	2
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**Elective in Technology (2 hours)**

Must be chosen from the following:

MUS 511	Fundamentals of Music Technology* (*fulfills requirement for theory focus only)	2
MUS 512	Fundamentals of Audio Technology	2
MUS 521	Max Programming for Musicians	3

**Elective in Music History (3 hrs.)**

Must be chosen from among the following courses:

MUS 513	Medieval and Renaissance Music	3
MUS 514	Studies in Baroque Music	3
MUS 515	Studies in Classic and Romantic Music	3
MUS 516	Studies in Twentieth-Century Music	3
MUS 537	Selected Topics in Music Literature	3

NOTE: Students focusing in Composition must take MUS 516.

[Revised text]:

**Special prerequisites:** A student applying for the Master of Music Concentration in Theory and Composition must submit (preferably electronically) a portfolio consisting of the following:

For a composition focus, the portfolio should consist of several compositions. If these are for conventional acoustic media (string quartet, voice and piano, orchestra, band, chorus, solo piano, etc.), scores and recordings, if available, should be submitted. If the medium is in digital form, a copy of the work and a short essay explaining your creative process for the piece should be submitted.

For a theory focus, the portfolio should consist of two essays in academic format. At least one of the two should be on a theory or analysis topic, while the other may be historical in nature.

If you are undecided whether your focus will be in theory or composition, then your portfolio should contain at least one composition/creative work and one essay (theory or analysis only).

**Program of Study (26 hrs. plus thesis)**

**Required Courses (17 hrs.)**

APMS 501	Studio Instruction in the Principal Area of Concentration–Composition	2
MUS 525	Post-Tonal Theory	3
MUS 527	Theory Pedagogy	3
MUS 531	Bibliography and Research	3
MUS 599	Master’s Thesis	6

**Elective in Composition (2 hours)**

Must be chosen from any topics offered under the following:

MUS 507	Selected Topics in Music Composition	2
---------	--------------------------------------	---

**Elective in Technology (2 hours)**

Must be chosen from the following:

MUS 511	Fundamentals of Music Technology* (*fulfills requirement for theory focus only)	2
MUS 512	Fundamentals of Audio Technology	2
MUS 521	Max Programming for Musicians	3

**Elective in Music History (3 hrs.)**

Must be chosen from among the following courses:

MUS 513	Medieval and Renaissance Music	3
MUS 514	Studies in Baroque Music	3
MUS 515	Studies in Classic and Romantic Music	3
MUS 516	Studies in Twentieth-Century Music	3
MUS 537	Selected Topics in Music Literature	3
[MUS 538	Selected Topics in Ethnomusicology]	3]

NOTE: Students focusing in Composition must take MUS 516.

**Music Electives (8 hrs.)**

Electives must be in Music, but a student may petition to substitute a non-music course if it relevant to his or her thesis work. Two hours applied piano are recommended. Graduate students are encouraged to enroll in MUS 560 *Ensemble Performance*; 2 hours of ensemble credit will apply toward the degree. Two hours from MUS 505 or 506 are required unless the student has taken counterpoint as an undergraduate.

As a culmination to study in Theory and Composition, the student must submit either 1) a theoretical document (thesis), or 2) a portfolio of original compositions that will be submitted as a hybrid thesis. The portfolio's contents shall have been written while in residence and shall have received written approval from the theory and composition faculty prior to the student's graduation year. Consult the Department of Music Graduate Student Handbook for further requirements.

Students pursuing a focus in Composition will be expected to participate in studio classes, juries, concerts of student works, and other activities. Consult the *Department of Music Composition Handbook* for requirements.

**Music Electives (8 hrs.)**

Electives must be in Music, but a student may petition to substitute a non-music course if it relevant to his or her thesis work. Two hours applied piano are recommended. Graduate students are encouraged to enroll in MUS 560 *Ensemble Performance*; 2 hours of ensemble credit will apply toward the degree. Two hours from MUS 505 or 506 are required unless the student has taken counterpoint as an undergraduate.

As a culmination to study in Theory and Composition, the student must submit either 1) a theoretical document (thesis), or 2) a portfolio of original compositions that will be submitted as a hybrid thesis. The portfolio's contents shall have been written while in residence and shall have received written approval from the theory and composition faculty prior to the student's graduation year. Consult the Department of Music Graduate Student Handbook for further requirements.

Students pursuing a focus in Composition will be expected to participate in studio classes, juries, concerts of student works, and other activities. Consult the *Department of Music Composition Handbook* for requirements.

**Supplement to Form C  
for  
Master of Music, Concentration in String Pedagogy**

Reasons for Request

MUS 538 *Selected Topics in Ethnomusicology* (Form B in process) is being added as an option to the Electives in Music History section of the degree plan. While the field of musicology has been viewed in the past as synonymous with the study of traditional music history, current trends have expanded the field to include topics previously assigned to ethnomusicology, and the methodologies of both areas now are more similar in their inclusion of cultural and sociological influences on the music being studied. In recognition of this broader definition of music history/musicology, it seems appropriate to add an option for an ethnomusicology course to the degree plan.

**Supplement to Form C  
for  
Master of Music, Concentration in String Pedagogy**

Justification, Planning, Budget, Faculty Workload

Justification for the Concentration:

N/A. This concentration already exists.

Impact on Long-Range Planning:

The addition of an ethnomusicology topics course as an "Electives in Music History" option represents a desire to embrace the more inclusive definition of music history that is now prevalent in the field. The change requested represents an effort to keep our music degrees current.

Budget Analysis and Faculty Workload Implications

There will be no impact on budget or faculty load by the addition of MUS 538 to the list of course options.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1558**

Fields marked with \* are required

**Name of Initiator:** Roberta Vigil    **Email:** [greggy@unm.edu](mailto:greggy@unm.edu)    **Phone Number:** 505 737-6224    **Date:** 11-03-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
Branch     Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[AS Pre-Science 2014 Proposed Revisions.pdf](#)  
[AS Pre-Science 2014 Proposed Version.pdf](#)  
[Area of Focus Pre Science.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Pre-Science.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)



**University of New Mexico Taos  
Associate of Science in Pre-Science**

**UNM-Taos reserves the right to make necessary changes as needed**

This program is designed for any student interested in an advance degree that requires a set sequence of math and science courses. It has flexibility and options for changing one’s mind without jeopardizing one’s future. This program offers students a variety of degree pathways that lead to a Bachelor of Science degree at many four-year institutions. Along with an appropriate sequence of math and science courses, this two-year program offers a variety of courses for fulfillment of the core curriculum. It also offers Topics courses and Internships to assist students in pursuing personal interests and developing a professional portfolio. **Students must see an advisor or Department Coordinator to plan sequence of courses and to be made aware of any changes in degree requirements.**

<b>Area 1: Writing and Speaking</b>	<b>9 credit hours</b>
<p><b>Required:</b> Choose one (1) course from the following: English (ENGL) 110 Accelerated Composition English (ENGL) 111/112 Composition I/Composition II English (ENGL) 113 Enhanced Composition</p> <p><b>Required:</b> English (ENGL) 120 Composition III</p> <p><b>Required:</b> Choose one (1) <a href="#">course from the UNM Core Curriculum Worksheet in Writing and Speaking (Area 1)</a>, <del>of the following:</del> <del>Communication and Journalism (CJ)** any 100 or 200 level</del> <del>English (ENGL) 219, 220</del> <del>Philosophy (PHIL) 156</del></p>	
<b>Area 2: Mathematics</b>	<b>6 credit hours</b>
<p>Choose two (2) of the following: Mathematics (MATH) 121, 129, 150, 162, 163, 180, 181, 215 Statistics (STAT) 145</p>	
<b>Area 3: Physical and Natural Sciences</b>	<b>8-10-12 credit hours</b>
<p>Choose two (2) courses and two (2) labs from the <a href="#">UNM Core Curriculum Worksheet in Physical and Natural Sciences (Area 3)</a>. <del>Astronomy (ASTR) 101 &amp; 101L</del> <del>Biology (BIOL) 121L, 122L, 201, 203L, 204L, 237, 238, 239L, 247L, 248L</del> <del>Chemistry (CHEM) 121/123L, 122/124L</del> <del>Earth and Planetary Sciences (EPS) 101/105L, 201L, 211, 225, 250, 251</del> <del>Environmental Science (ENVS) 10/102L</del> <del>Physics (PHYC) 151/151L, 152/152L, 162/162L, 163/163L</del></p>	

**Comment [RA1]:** Opening 3 credits to the core curriculum worksheet

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**Comment [RA2]:** Reduce core curriculum requirements to closer to Gen Ed Core requirement credit hours. Require two courses and two labs for pre-science major. Overall, bring down the Gen Ed requirements and move more credit hours into the area of focus requirements

**Comment [RA3]:** Open options to Gen Ed Core worksheet rather than specify courses. All core curriculum courses will meet this requirement

<p><b>Area 4: Social and Behavioral Sciences</b></p> <p>Choose two (2) from UNM Core Curriculum <a href="#">WorksSheet in Social and Behavioral Sciences (Area 4)</a>.</p>	<b>6 credit hours</b>		
<p><b>Area 5: Humanities</b></p> <p>Choose two (2) from UNM Core Curriculum <a href="#">WorksSheet in Humanities (Area 5)</a>.</p>	<b>6 credit hours</b>		
<p><b>Area 6: Foreign Language</b></p> <p>One (1) course chosen from any lower division non-English language offering of the Department of Linguistics (Including <a href="#">Sign ing Language</a>), Spanish and Portuguese, Foreign Languages and Literatures, and foreign languages in other departments and programs (except Latin 105). Foreign Language Course: _____</p>	<b>3 credit hours</b>		
<p><b>Area 7: Fine Arts</b></p> <p>Choose one (1) from UNM Core Curriculum <a href="#">WorksSheet in Fine Arts (Area 7)</a>.</p>	<b>3 credit hours</b>		
<p><del>Internship</del></p> <p><del>Choose an Internship and/or Topic course in Math, Science or Engineering field. (CMTE courses in Math and Science take the place of Topic and Internships)</del></p>	<del>4 credit hours</del>		
<p><b>Area of Focus/Electives</b></p> <p><i>14 hours of major-approved Math and Science electives (2 must be lab courses)</i></p>	<b>16 credit hours</b>		
<table border="1"> <tr> <td> <p><u>Elective</u></p> <p><u>UNIV 101: Introduction to Higher Education or 3 additional credit hours in Area of Focus.</u></p> </td> <td style="text-align: right;"><b>3 credit hours</b></td> </tr> </table>	<p><u>Elective</u></p> <p><u>UNIV 101: Introduction to Higher Education or 3 additional credit hours in Area of Focus.</u></p>	<b>3 credit hours</b>	
<p><u>Elective</u></p> <p><u>UNIV 101: Introduction to Higher Education or 3 additional credit hours in Area of Focus.</u></p>	<b>3 credit hours</b>		

**Comment [RA4]:** Change in wording to be consistent with all UNM Taos degrees

**Comment [RA5]:** Change in wording to be consistent with all UNM Taos degrees

**Comment [RA6]:** Change in wording to be consistent with all UNM Taos degrees

**Comment [RA7]:** Deleting 4 credit internship requirement. Not required at main campus in lower division. Historically, an impediment for UNM Taos students for graduation. Can take as an elective if needed. 3 credit hours of this moved to electives.

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**Comment [RA8]:** This elective was added to accommodate the UNIV 101 requirement at UNM Taos. If student was not required to take this, the student can take an additional three credit hours in his/her Area of Focus.

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**TOTAL CREDIT HOURS: 60 CREDIT HOURS**

## UNM Taos

## Pre-Science Areas of Focus

(Focus in a discipline, or course sequence leading to specific career, or transfer options, are highly recommended.)

NOTE: Specific requirements are subject to change due to state revisions, as well as changes within the Colleges. It is imperative to obtain information from the College Advisement Center and appropriate faculty advisors

**Pre-Agriculture & Ag Education (NMSU)****Science & Mathematics:**

BIOL 201, 202, 203L, 204L  
CHEM 121/123L, 122/124L  
PHYC 151/151L  
MATH 121, 145

**Core:** ECON 105 or 106, CJ 130

**Pre-Animal, Wildlife, & Range Science (NMSU)****Science & Mathematics:**

BIOL 201, 202, 203L, 204L  
CHEM 121/123L, 122/124L, 221  
MATH 121 or 180, 145

**Core:** ECON 105

**Pre-Biochemistry (UNM)****Science & Mathematics:**

BIOL 201, 202  
CHEM 121/123L, 122/124L  
PHYC 151/151L & 152/152L or 160/160L & 162/162L  
MATH 162L, 163L (for BA 180, 181)

**Pre-Biology (UNM)****Science & Mathematics:**

BIOL 201, 202, 203L, 204L  
CHEM 121/123L, 122/124L  
PHYC 151/151L & 152/152L or 160/160L & 162/162L  
MATH 180 & 181 or 162L & 163L

**Pre-Astrophysics (UNM)****Science & Mathematics:**

CHEM 121/123L, 122/124L  
PHYC 160/160L, 161/161L, 265L, 267  
MATH 162L & 163L

**Pre-Dental Hygiene (UNM)****Science & Mathematics:**

BIOL 123L, 237/247L, 238/248L, 239L  
CHEM 121/123L, 212  
NUTR 244  
MATH 121, 145

**Core:** PSY 105, SOC 101

Revised 08/2013

**Pre-Earth and Planetary Science (UNM)****Science & Mathematics:**

CHEM 121/123L, 122/124L  
EPS 101/105L, 201L  
PHYC 160/160L, 161/161L  
MATH 162L, 163L

**Pre-Emergency Medicine and Paramedic (UNM)****Science & Mathematics:**

BIOL 123/124L, 237/247L, 238/248L  
CHEM 121/123L  
MATH 121, 145  
**Core:** ANTH 101 or SOC 101, CJ 130,  
ENGL 219 or 220, PSY 105

**Pre-Engineering (UNM)****Science & Mathematics:**

CHEM 121/123L, 122/124L  
PHYC 160/160L, 161/161L, 265L, 267  
MATH 162L, 163L

**Pre-Environmental Science (UNM)****Science & Mathematics:**

BIOL 201, 203L  
CHEM 121/123L, 122/124L  
ENVS 101/102L  
EPS 101/105L  
PHYC 160/160L, 161/161L  
MATH 162L, 163L

**Pre-Forestry (NMSU)****Science & Mathematics:**

BIOL 201, 202, 203L, 204L  
CHEM 121/123L, 122/124L, 212  
EPS 101/105L  
PHYC 151/151L or 160/160L  
MATH 121, 123, 180  
**Core:** Soils & Introduction to Plant Science

**Pre-Chemistry (UNM)****Science & Mathematics**

CHEM 121/123L, 122/124L  
PHYC 160/160L, 161/161L  
MATH 162L & 163

**Pre-Mathematics (UNM)****Science & Mathematics:**

Science: 7-8 Credit hours (1 with lab)  
MATH 162L, 163L, 264L

**Pre-Mathematics Elementary Education (UNM)**

**Science & Mathematics:**

Science: 12 Credit hours

MATH 111, 112, 215

**Other:** CMTE: 4 Credit hours – 192, 291, 292, 296

**Pre-Mathematics Secondary Education (UNM)**

**Science & Mathematics:**

Science: 12 Credit hours (1 with lab)

MATH 162L, 163L, 264L

**Other:** CMTE: 4 Credit hours – 192, 291, 292, 296

**Pre-Medicine (UNM)**

**Science & Mathematics:**

BIOL201, 202, 203L, 204L

CHEM 121/123L, 122/124L

PHYC 151/151L or 161/161L

MATH 180 & 181 or 162L & 163L

**Pre-Medicine Lab (UNM)**

**Science & Mathematics:**

BIOL 201, 202, 203L, 237/247L, 238/248L, 239L

CHEM 121/123L, 122/124L, 212

MATH 121, 145

**Pre-Midwifery (National College of Midwifery-Taos, NM)**

**Science & Mathematics:**

BIOL 123/124L, 202, 237/247L, 238/248L, 239L

NUTR 244

MATH 120, 145

**Pre-Nursing (For BSN at UNM)**

**Science & Mathematics:**

BIOL 123/124L, 237/247L, 238/248L, 239L

CHEM 121/123L

NUTR 244 MATH 120,145

**Pre-Nursing (For RN at Northern CC)**

**Science & Mathematics:**

BIOL 123/124L, 237/237L, 238/248L, 239L

CHEM 111L or 121/123L

NUTR 120 or 244

MATH 120

**Core:** CS 150, ENGL 101, 102, PSY 105, 220

**Pre-Horticulture and Agronomy (NMSU)**

**Science & Mathematics:**

BIOL 201, 202, 203L, 204L

CHEM 121/123L, 122/124L, 212

MATH 121 or 180, 145

**Core:** Soils & Introduction to Plant Science

**Pre-Radiologic Sciences (UNM)**

**Science & Mathematics:**

BIOL 123/124L, 237/247L, 238/248L, 249L

CHEM 121/123L, 122/124L

PHYC 151

Revised 03/2012

NUTR 244

MATH 121, 123, 145

**Core:** CS 150L, PSY 105, SOC 101

**Pre-Science Elementary Education (UNM)**

**Science & Mathematics:**

Science: 18 Credit hours from: Biology, Chemistry, Geology, Physics, or Natural Science. 6 more hours must be at least at the 300 level or above.

Math: 9 Credit hours recommended.

K-5: MATH 121, 145, 180, 181;

K-8: 123, 145, 150, 162

**Other:** CMTE: 4 Credit hours: 192, 291, 292, 296

**Pre-Science Secondary Education (UNM)**

**Science & Mathematics**

Physical Science: 30 Credit hours in Physics with 8 Credit

Hours in Biology, Chemistry, Earth & Planetary Sciences and

Mathematics - MATH 120, 145. Physical Chemistry: 30 Credit

Hours in Chemistry with 8 Credit hours in Biology, Earth &

Planetary Sciences, Physicals and Mathematics. Life Science: 30

credit hours in Biology with 8 Credit hours in Chemistry,, Earth &

Planetary Sciences, and Mathematics. Earth Science: 30 Credit

hours in Earth & Planetary Sciences with 8 Credit hours in

**Pre-Statistics (UNM) Science & Mathematics:** Science:7-8

Credit hours (1 with lab) MATH 145,162L, 163L,264L

**Pre-Nursing (For RN at Luna CC)**

**Science & Mathematics:** BIOL 123/124L, 237/247L, 238/248L, 239L

NUTR 120 or 244

MATH 120

**Core:** ENGL 101, PSY 105, 220

HCHS 111T Medical Terminology & Certified Nursing Assistant

Certificate

**Pre-Natural Resource & Resource Management**

**(NMHU, NMSU, NAU)**

**Science & Mathematics:**

BIOL 201, 202, 203L, 204L, 225, 299

CHEM 121/123L, 122/124L, 212

ENVS 101/102L

EPS 101/105L

PHYC 151/151L, 152/152L

MATH 180or 162L

**Recommended:** GIS, Soils

**Pre-Nutrition and Dietetics (UNM)**

**Science & Mathematics:**

BIOL 123/124L, 237/247L, 238/248L, 239L

CHEM 121/123L, 212

NUTR 244

MATH 121, 145

**Core:** CJ 130, ENGL 101, 102, 219, PSY 105

**Pre-Pharmacy (UNM)**

**Science & Mathematics:**

BIOL 201, 202, 237, 238, 239L

CHEM 121/123L, 122/124L,

PHYC 151

MATH 145, 180 & 181 or 162L & 163L

**Core:** ECON 106

**Pre-Physical Therapy (UNM)**

This is a graduate program. A student should follow a minimum of the Pre-Med course sequence.

**Pre-Physics (UNM)**

**Science & Mathematics:** PHYC 160/160L, 265L, 267,

MATH 162L, 163L

**Pre-Physician's Assistant (UNM)**

**Science & Mathematics**

BIOL 123/124L, 237/247L, 238/248L, 249L CHEM 121/123L

NUTR 244 Core ENGL 219, PSY 105

**Pre-Veterinary Medicine (NMSU)**

**Science & Mathematics:** BIOL 201, 202, 203L, 204L

CHEM 121/123L, 122/124L, PHYC 150 or 161L

MATH 180, 181



**University of New Mexico Taos  
Associate of Science in Pre-Science**

NAME: \_\_\_\_\_ BANNER ID: \_\_\_\_\_

PROGRAM ENTRY DATE: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
SEM YEAR

**Area 1: Writing & Speaking - 9 credit hours**

Course	Subject	CR HR	Grade	Semester
ENGL 110/111/112/113		3		
ENGL 120	Composition III	3		
		3		

**Area 2: Mathematics - 6 credit hours**

		3		
		3		

**Area 3: Physical & Natural Sciences – ~~8~~10–12 credit hours**

		3		
		1		
		3		
		1		
		<del>3</del>		
		<del>1</del>		

**Area 4: Social & Behavioral Sciences - 6 credit hours**

		3		
		3		

**Area 5: Humanities - 6 credit hours**

		3		
		3		

**Area 6: Foreign Language - 3 credit hours**

		3		
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**Area 7: Fine Arts - 3 credit hours**

		3		
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**Elective Internship – ~~3~~4 credit hours**

		<del>3</del> 4		
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**Areas of Focus/~~Electives~~ – ~~1~~64 credit hours**

		<del>3</del>		
		<del>3</del>		
		<del>3</del>		
		<del>1</del>		
		<del>3</del>		
		<del>1</del>		

**TOTAL CREDIT HOURS REQUIRED: ~~60~~4**



**University of New Mexico Taos  
Associate of Science in Pre-Science**

**UNM-Taos reserves the right to make necessary changes as needed**

This program is designed for any student interested in an advance degree that requires a set sequence of math and science courses. It has flexibility and options for changing one's mind without jeopardizing one's future. This program offers students a variety of degree pathways that lead to a Bachelor of Science degree at many four-year institutions. Along with an appropriate sequence of math and science courses, this two-year program offers a variety of courses for fulfillment of the core curriculum. It also offers Topics courses and Internships to assist students in pursuing personal interests and developing a professional portfolio. **Students must see an advisor or Department Coordinator to plan sequence of courses and to be made aware of any changes in degree requirements.**

<b>Area 1: Writing and Speaking</b>	<b>9 credit hours</b>
<b>Required:</b> <i>Choose one (1) course from the following:</i> English (ENGL) 110 Accelerated Composition English (ENGL) 111/112 Composition I/Composition II English (ENGL) 113 Enhanced Composition	
<b>Required:</b> English (ENGL) 120 Composition III	
<b>Required:</b> Choose one (1) course from the UNM Core Curriculum Worksheet in Writing and Speaking (Area 1).	
<b>Area 2: Mathematics</b>	<b>6 credit hours</b>
<i>Choose two (2) of the following:</i> Mathematics (MATH) 121, 129, 150, 162, 163, 180, 181, 215 Statistics (STAT) 145	
<b>Area 3: Physical and Natural Sciences</b>	<b>8 credit hours</b>
Choose two (2) courses and two (2) labs from the UNM Core Curriculum Worksheet in Physical and Natural Sciences (Area 3).	
<b>Area 4: Social and Behavioral Sciences</b>	<b>6 credit hours</b>
<i>Choose two (2) from UNM Core Curriculum Worksheet in Social and Behavioral Sciences (Area 4).</i>	
<b>Area 5: Humanities</b>	<b>6 credit hours</b>
<i>Choose two (2) from UNM Core Curriculum Worksheet in Humanities (Area 5).</i>	

**Area 6: Foreign Language****3 credit hours**

One (1) course chosen from any lower division non-English language offering of the Department of Linguistics (Including Sign Language), Spanish and Portuguese, Foreign Languages and Literatures, and foreign languages in other departments and programs (except Latin 105).

Foreign Language Course: \_\_\_\_\_

**Area 7: Fine Arts****3 credit hours**

*Choose one (1) from UNM Core Curriculum Worksheet in Fine Arts (Area 7)..*

**Area of Focus****16 credit hours****Elective****3 credit hours**

**UNIV 101: Introduction to Higher Education or 3 additional credit hours in Area of Focus**

**TOTAL CREDIT HOURS: 60 CREDIT HOURS**

Proposed Version

PHYSICAL AND NATURAL SCIENCE DEGREES	CORE REQUIREMENTS	AREA OF FOCUS COURSES ( 14+ CREDITS)
Agriculture and Ag Education (NMSU)	CHEM 121/123L, CHEM 122/124L PHYC 151/151L MATH 121, STAT 145 ECON 105 OR ECON 106 CJ 130	BIOL 201, 202, 203L, 204L MATH 150 MATH 123
Animal, Wildlife & Range Science (NMSU)	CHEM 121/123L, CHEM 122/124L MATH 121, STAT 145 ECON 105	BIOL 201, 202, 203L, 204L CHEM 221 MATH 180
Biochemistry (UNM)	PHYC 151/151L OR PHYC 160/160L MATH 121, MATH 150	BIOL 201, 202 MATH 123, MATH 162, MATH 163L
Biology (UNM)	CHEM 121/123L, CHEM 122/124L PHYC 151/151L OR PHYC 160/160L MATH 121, 150	BIOL 201, 202, 203L, 204L MATH 123, 162L, 163L or 180 (BA)
Chemistry (UNM)	CHEM 121/123L, CHEM 122/124L PHYC 160/160L* MATH 121, 162L	MATH 123, 162 PHYC 161/161L
Earth and Planetary Science (UNM)	CHEM 121/123L, CHEM 122/124L EPS 101/105L MATH 121, 150	PHYC 160/160L, PHYC 161/161L MATH 123, 162L, 163L
Engineering (including Computer Science) (UNM)	CHEM 121/123L, CHEM 122/124L PHYC 160/160L, PHYC 161/161L MATH 121, 150	PSYC 265L, PSYC 267 CS 105L or CS 151L MATH 123, 162L, 163L
Environmental Science (UNM)	ENVS 101/102L or ENVS 201 CHEM 121/123L, CHEM 122/124L EPS 101/105L MATH 121, 150	BIO 201, 203L PSYC 160/160L, 161/161L MATH 123, 162L, 163L
Forestry (NMSU & NMHU)	CHEM 121/123L, CHEM 122/124L EPS 101/105L MATH 121, 150	BIOL 201, 202, 203L, 204L PHYC 151/151L OR PHYC 160/160L Math 123, 180
Horticulture and Agronomy (NMSU)	CHEM 121/123L, CHEM 122/124L MATH 121, STAT 145	BIOL 201, 202, 203L, 204L CHEM 221 MATH 180
Natural Resource Management (NMHU, NMSU, NAU)	CHEM 121/123L, CHEM 122/124L ENVS 101/102L EPS 101/105L MATH 121, 150	BIOL 201, 202, 203L, 204L CHEM 212 PHYC 151/151L MATH 123, 180
Physics (and Astrophysics) (UNM)	CHEM 121/123L, CHEM 122/124L PHYC 160/160L MATH 121, 150	MATH 123, 162L, 163L PHYC 265L, 267
Veterinary Medicine (NMSU)	CHEM 121/123L, CHEM 122/124L PHYC 150 or 161L	BIOL 201, 202, 203L, 204L MATH 123, 180, 181

HEALTH SCIENCE DEGREES	CORE REQUIREMENTS	AREA OF FOCUS COURSES ( 14+ CREDITS)
ASN/ADN Nursing (Statewide)	BIO 123/124L CHEM 111L MATH 120* PSY 105	BIOL 237/247L, 238/248L PSY 220 (Life Span) HCNA 101
Dental Hygiene (UNM)	BIO 123/124L CHEM 121/123L MATH 121, STAT 145 PSY 105, SOC 101	BIOL 237/247L, 238/248L, 239L NUTR 244 PHYC 151/151L
Diagnostic Medical Sonography (CNM)	BIO 123/124L CHEM 121/123L MATH 121, 150	BIOL 237/247L, 238/248L MATH 123 CT 102
Emergency Medicine/Paramedic (UNM)	BIO 123/124L CHEM 121/123L MATH 121, STAT 145 PSY 105, SOC 101 or ANTH 101	BIOL 237/247L, 238/248L EMS 113, 142
Exercise Science (UNM)	BIO 123/124L CHEM 111L MATH 121, 150 and STAT 145 ENGL 219 PSY 105	BIOL 237/247L, 238/248L NUTR 244 PHYC 151/151L or PHYC MATH 123
Medical Laboratory Science (UNM)	BIO 123/124L CHEM 121/123L, CHEM 122/124L MATH 121, STAT 145	BIOL 237/247L, 238/248L, 239L BIOL 201, 202, 203L, 204L CHEM 212
Nursing (UNM)	BIO 123/124L CHEM 111L MATH 120* STAT 145 PSY 105	BIOL 237/247L, 238/248L, 239L PSY 220 (Life Span) NURS 239 NUTR 244
Nutrition and Dietetics (UNM)	BIO 123/124L CHEM 121/123L MATH 121, STAT 145 CJ 130	BIOL 237/247L, 238/248L, 239L CHEM 301/303L, 302/304L NUTR 244 ENGL 219
Occupational Therapy MA (UNM)	BIO 123/124L CHEM 111L or CHEM 121/123L ENGL 219	BIOL 237/247L, 238/248L NUTR 244 PSY 332 PSY 220

HEALTH SCIENCE DEGREES	CORE REQUIREMENTS	AREA OF FOCUS COURSES ( 14+ CREDITS)
Pharmacy (UNM)	CHEM 121/123L, CHEM 122/124L BIO 123/124 MATH 121, 150	BIOL 201, 202, 203L, 204L BIOL 237/247L, 238/248L, 239L CHEM 301/303L, 302/304L PHYC 151, 152 MATH 123
Physical Therapy, MA (UNM)	BIO 123/124L CHEM 111L MATH 121, 150 PSY 105	BIOL 237/247L, 238/248L NUTR 244 PHYC 151, 152 MATH 123 PSY 220 PEP 326L
Physician's Assistant, MA (UNM)	BIO 123/124L CHEM 121/123L ENGL 219 PSY 105	BIOL 237/247L, 238/248L, 239L NUTR 244
Pre-Medicine (UNM)	CHEM 121/123L, CHEM 122/124L MATH 121, MATH 150	BIOL 201, 202, 203L, 204L PHYC 151/151L OR PHYC 160/160L MATH 123, 180
Radiologic Sciences (UNM)	BIO 123/124L CHEM 121/123L, CHEM 122/124L MATH 121, STAT 145 PSY 105, SOC 101	BIOL 237/247L, 238/248L, 239L NUTR 244 PHYC 151 MATH 123
Respiratory Therapy (SFCC)	BIO 123/124L CHEM 111L Math 120*, STAT 145	BIOL 237/247L, 239L

\*MATH 120 does not meet Core Curriculum requirements but is a required pre requisite for CHEM 111L

Justification for Program: To reduce the total credit hours from 64 to 60, in alignment with Main Campus.

Impact on Long-Range Planning: There is no impact on long range planning.

Budget Analysis: There are no additional budget requirements.

Faculty Workload Implications: There are no changes to faculty workload.





ASSOCIATE OF ARTS IN FINE ART

The Associate of Arts in Fine Arts is designed to support the development of professional studio artists, teachers, and students interested in obtaining a Bachelor of Fine Art. The Associate of Arts in Fine Art degree provides students with the lower level courses needed to enter and complete a Bachelor of Fine Art in the College of Fine Art at UNM Albuquerque and most other universities.

<p><b>Area 1: Writing and Speaking</b></p> <p><u>Area 1: Writing and Speaking</u> 9 credit hours</p> <p><u>Required:</u>                  Choose one (1) course from the following:  <a href="#">English (ENGL) 110 Accelerated Composition</a>  <a href="#">English (ENGL) 111/112 Composition I/Composition II</a>  <a href="#">English (ENGL) 113 Enhanced Composition</a>                  Required:  <a href="#">English (ENGL) 120 Composition III</a>  <a href="#">English (ENGL) 220 Expository Writing</a>  <del>English (ENGL) 101 Composition I: Exposition</del> (3)  <del>English (ENGL) 102 Composition II: Analysis and Argument</del> (3)  <del>English (ENGL) 220</del> (3)</p>	<p><b>9 credit hours</b></p>	<p><b>Comment [RA1]:</b> Updated to reflect changes in the English department</p>
<p><b>Area 2: Mathematics</b></p> <p><del>Choose one (1) of the following:</del></p> <p><u>Choose one (1) course from the UNM Core Curriculum in Mathematics (Area 2).</u>  <del>Mathematics (MATH) 121, 129, 150, 162, 163, 180, 181, 215</del>  <del>Statistics (STAT) 145</del></p>	<p><b>3 credit hours</b></p>	<p><b>Comment [RA2]:</b> Changes made to align with UNM Core Curriculum</p>
<p><b>Area 3: Physical and Natural Sciences</b></p> <p><u>Choose one (1) course from the UNM Core Curriculum in Physical and Natural Sciences (Area 3).</u>  <del>Choose one (1) from UNM Core Curriculum Sheet.</del></p>	<p><b>3 credit hours</b></p>	<p><b>Formatted:</b> Tab stops: Not at 5.64"</p> <p><b>Comment [RA3]:</b> Changes made to align with UNM Core Curriculum</p> <p><b>Formatted:</b> Font: Not Bold, Not Italic</p>
<p><b>Area 4: Social and Behavioral Sciences</b></p> <p><u>Choose one (1) course from the UNM Core Curriculum in Social and Behavioral Sciences (Area 4).</u>  <del>Choose one (1) from UNM Core Curriculum Sheet.</del></p>	<p><b>3 credit hours</b></p>	<p><b>Formatted:</b> Tab stops: Not at 5.64"</p> <p><b>Comment [RA4]:</b> Changes made to align with UNM Core Curriculum</p> <p><b>Formatted:</b> Font: Not Bold, Not Italic</p>
<p><b>Area 5: Humanities</b></p> <p><u>Required:</u>  <a href="#">History (HIST) 101 Western Civilization (to 1648)</a>  <a href="#">History (HIST) 102 Western Civilization (from 1648)</a>  <del>History (HIST) 101 Western Civilization</del> (3)</p>	<p><b>6 credit hours</b></p>	<p><b>Comment [RA5]:</b> Changes made to align with UNM Core Curriculum</p>

~~History (HIST) 102 Western Civilization (3)~~

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**Area 6: Foreign Language**

**3 credit hours**

One course chosen from any lower division non-English language offering of the Department of Linguistics (Including Sing Language), Spanish and Portuguese, Foreign Languages and Literatures, and foreign languages in other departments and programs (except Latin 105).

Foreign Language Course: \_\_\_\_\_

**FINE ART COURSE REQUIREMENTS (33 Credit Hours)**

Art History Requirements **9 credit hours**

Comment [RA6]: Changes reflect organizational issues only

Art History (ARTH) 201 History of Art I  
Art History (ARTH) 202 History of Art II

Choose one (1) Art History Elective from the following:

Art History (ARTH) 101 Introduction to Art  
Art History (ARTH) 250 Modern Art  
Art History (ARTH) 25 Southwestern Art

~~Art History 9 credit hours~~

~~Art History (ARTH) 201, History of Art I (3)~~  
~~Art History (ARTH) 202, History of Art II (3)~~

~~Choose one (1) Art History Elective chosen from the following: (3)~~

~~Art History (ARTH) 101, Introduction to Art~~  
~~Art History (ARTH) 250, Modern Art~~  
~~Art History (ARTH) 251, Southwestern Art~~

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Art Studio Core Requirements **15 credit hours**

Comment [RA7]: Changes made reflect organizational issues primarily. Also, ARTS core now include ARTS 125/126, a change denoted at main campus. Additionally, there is a reduction in credit hours in this area to bring total degree to 60 from 66. Student is now required to take one two-dimensional and one three-dimensional course rather than a recommendation.

Art Studio (ARTS) 106 Drawing I  
Art Studio (ARTS) 125 Art Practices I  
Art Studio (ARTS) 126 Art Practices II

One (1) two dimensional class chosen from the following:

Art Studio (ARTS) 121 Two-Dimensional Design  
Art Studio (ARTS) 130 Introduction to Electronic Art  
Art Studio (ARTS) 187 Introduction to Photography  
Art Studio (ARTS) 205 Drawing II  
Art Studio (ARTS) 207 Painting I  
Art Studio (ARTS) 274 Introduction to Printmaking

and

One (1) three-dimensional class chosen from the following:

Art Studio (ARTS) 157 Small Scale Metal Construction I (3 to max of 6 credits)  
Art Studio (ARTS) 168 Introduction to Ceramics  
Art Studio (ARTS) 213 Sculpture I

~~Art Studio Core 30 credit hours~~

~~Art Studio (ARTS) 106, Drawing I (3)  
Art Studio (ARTS) 121, Two Dimensional Design (3)  
Art Studio (ARTS) 122, Three Dimensional Design (3)~~

~~Two (2) to Four(4) classes chosen from the following: (6-12)~~

~~It is recommended that students pursuing a Bachelors of Fine Arts degree at UNM Albuquerque take at least one two dimensional (i.e. ARTS 130,187, 207, 205 or 274)~~

~~and~~

~~one three dimensional course (i.e. ARTS 157,168 or 213):~~

~~Art Studio (ARTS) 130, Introduction to Electronic Art 3  
Art Studio (ARTS) 157, Small Scale Metal Construction I 3-6  
Art Studio (ARTS) 168, Ceramic I 3-6  
Art Studio (ARTS) 187, Introduction to Photography 3  
Art Studio (ARTS) 207, Painting I 3  
Art Studio (ARTS) 213, Sculpture I 3  
Art Studio (ARTS) 205, Drawing II 3  
Art Studio (ARTS) 274, Introduction to Printmaking 3~~

Art Studio Electives 9 credit hours

Three classes chosen from the following:

Art Studio (ARTS) 205 Drawing II  
Art Studio (ARTS) 208, Painting II  
Art Studio (ARTS) 257 Small Scale Metal Construction II (3 to max of 6 credits)  
Art Studio (ARTS) 268 Ceramics II (3 to max of 6 credits)  
Art Studio (ARTS) 274 Introduction to Printmaking  
Art Studio (ARTS) 289 Digital Imaging Techniques  
Art Studio (ARTS) 293 Beginning Watercolor Painting  
Art Studio (ARTS) 298 Topics  
Or any other lower division (100-200 level) Art Studio (ARTS) course in the UNM Catalog.

~~Art Studio Electives (6-15)~~

~~Three to five classes chosen from the following:~~

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Comment [RA8]: This section had minor changes associated with adding a few courses that were not included in the original degree proposal, such as 208, 293, and 298.

*Art Studio (ARTS) 205, Drawing II  
Art Studio (ARTS) 257, Small Scale Metal Construction II (3 to max of 6 credits)  
Art Studio (ARTS) 268, Ceramics II (3 to max of 6 credits)  
Art Studio (ARTS) 274, Introduction to Printmaking  
Art Studio (ARTS) 287, Black & White Photography  
Art Studio (ARTS) 289, Introduction to Digital Photography*

*Other Studio Art classes may be used to meet the elective requirement if approved by an Academic Advisor and the Head of the UNM Taos Art Academy*

**TOTAL CREDIT HOURS** ~~60~~66

**Comment [RA9]:** 60 credit hours is not in alignment with main campus reduction in credit hour to graduation

Current Version

Current Version



**University of New Mexico Taos  
Associate of Fine Arts**

The Associate of Arts in Fine Arts is designed to support the development of professional studio artists, teachers, and students interested in obtaining a Bachelor of Fine Art. The Associate of Arts in Fine Art degree provides students with the lower level courses needed to enter and complete a Bachelor of Fine Art in the College of Fine Art at UNM Albuquerque and most other universities. **UNM-Taos reserves the right to make necessary changes as needed.**

**TOTAL CREDIT HOURS 60**

<p><b>Area 1: Writing and Speaking</b>  <b>Required:</b>  <i>Choose one (1) course from the following:</i>                      English (ENGL) 110 Accelerated Composition                      English (ENGL) 111/112 Composition I/Composition II                      English (ENGL) 113 Enhanced Composition  <b>Required:</b>                      English (ENGL) 120 Composition III                      English (ENGL) 220 Expository Writing</p>	<p><b>9 credit hours</b></p>
<p><b>Area 2: Mathematics</b>                       Choose one (1) course from the UNM Core Curriculum in Mathematics (Area 2).</p>	<p><b>3 credit hours</b></p>
<p><b>Area 3: Physical and Natural Sciences</b>                       Choose one (1) course from the UNM Core Curriculum in Physical and Natural Sciences (Area 3).</p>	<p><b>3 credit hours</b></p>
<p><b>Area 4: Social and Behavioral Sciences</b>                       Choose one (1) course from the UNM Core Curriculum in Social and Behavioral Sciences (Area4).</p>	<p><b>3 credit hours</b></p>
<p><b>Area 5: Humanities</b>  <b>Required:</b>                      History (HIST) 101 Western Civilization (to 1648)                      History (HIST) 102 Western Civilization (from 1648)</p>	<p><b>6 credit hours</b></p>

**Area 6: Foreign Language****3 credit hours**

One course chosen from any lower division non-English language offering of the Department of Linguistics (Including Sign Language), Spanish and Portuguese, Foreign Languages and Literatures, and foreign languages in other departments and programs (except Latin 105).

Foreign Language Course: \_\_\_\_\_

**FINE ART COURSE REQUIREMENTS (33 Credit Hours)****Art History Requirements****9 credit hours**

Art History (ARTH) 201 History of Art I  
 Art History (ARTH) 202 History of Art II

**Choose one (1) Art History Elective from the following:**

Art History (ARTH) 101 Introduction to Art  
 Art History (ARTH) 250 Modern Art  
 Art History (ARTH) 25 Southwestern Art

**Art Studio Core Requirements****15 credit hours**

Art Studio (ARTS) 106 Drawing I  
 Art Studio (ARTS) 125 Art Practices I  
 Art Studio (ARTS) 126 Art Practices II

**One (1) two dimensional class chosen from the following:**

Art Studio (ARTS) 121 Two-Dimensional Design  
 Art Studio (ARTS) 130 Introduction to Electronic Art  
 Art Studio (ARTS) 187 Introduction to Photography  
 Art Studio (ARTS) 205 Drawing II  
 Art Studio (ARTS) 207 Painting I  
 Art Studio (ARTS) 274 Introduction to Printmaking

**and****One (1) three-dimensional class chosen from the following:**

Art Studio (ARTS) 157 Small Scale Metal Construction I (3 to max of 6 credits)  
 Art Studio (ARTS) 168 Introduction to Ceramics  
 Art Studio (ARTS) 213 Sculpture I

**Art Studio Electives**

**9 credit hours**

***Three classes chosen from the following:***

Art Studio (ARTS) 205 Drawing II

Art Studio (ARTS) 208, Painting II

Art Studio (ARTS) 257 Small Scale Metal Construction II (3 to max of 6 credits)

Art Studio (ARTS) 268 Ceramics II (3 to max of 6 credits)

Art Studio (ARTS) 274 Introduction to Printmaking

Art Studio (ARTS) 289 Digital Imaging Techniques

Art Studio (ARTS) 293 Beginning Watercolor Painting

Art Studio (ARTS) 298 Topics

*Or any other lower division (100-200 level) Art Studio (ARTS) course in the UNM Catalog.*

**TOTAL CREDIT HOURS: 60**



**University of New Mexico Taos  
Associate of Fine Arts**

NAME: \_\_\_\_\_

BANNER ID: \_\_\_\_\_

PROGRAM ENTRY DATE: SEM \_\_\_\_\_ /YEAR \_\_\_\_\_

**Writing & Speaking - 9 credit hours**

Course	Subject	CR HR	Grade	Semester
ENGL 110/112/113	Composition I: Exposition	3		
ENGL 120	Composition II: Analysis & Argument	3		
ENGL 220	Expository Writing	3		

**Mathematics - 3 credit hours**

		3		
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**Physical & Natural Sciences - 3 credit hours**

		3		
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**Social & Behavioral Sciences - 3 credit hours**

		3		
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**Humanities- 6 credit hours**

HIST 101	Western Civilization (to 1648)	3		
HIST 102	Western Civilization (from 1648)	3		

**Foreign Language - 3 credit hours**

		3		
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**Art History – 9 credit hours**

		3		
		3		
		3		

**Art Studio Core – 15 credit hours**

		3		
		3		
		3		
		3		
		3		

**Art Studio Electives – 9 credit hours**

		3		
		3		
		3		

**TOTAL CREDIT HOURS REQUIRED: 60**

Justification for Program: Better organizational structure, and to reduce the total credit hours from 64 to 60, in alignment with Main Campus.

Impact on Long-Range Planning: There is no impact on long range planning.

Budget Analysis: There are no additional budget requirements.

Faculty Workload Implications: There are no changes to faculty workload.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1561**

Fields marked with \* are required

**Name of Initiator:** Roberta Vigil    **Email:** [greggy@unm.edu](mailto:greggy@unm.edu)    **Phone Number:** 505 737-6224    **Date:** 11-03-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
Branch     Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[AA Liberal Arts Current with Revisions -Latest w Markups.pdf](#)

[AA Liberal Arts Proposed Revisions -Latest Draft.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Liberal Arts.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)



**University of New Mexico Taos  
Associate of Arts in Liberal Arts**

**UNM-Taos reserves the right to make necessary changes as needed**

The Associate of Arts in Liberal Arts is designed for students who intend to pursue Bachelor of Arts degrees in various fields. The Associate of Arts degree gives students a solid foundation and is a pathway into majors in the College of Arts and Sciences. All courses for the Liberal Arts AA will transfer to UNM Albuquerque. Upon completion of the degree, a student will have completed the general education Core Curriculum as required at UNM Albuquerque and many other four-year institutions. Students will also have satisfied most of the Arts and Sciences graduation requirements.

**\*\*Courses that meet Liberal Arts Areas of Focus requirements cannot count toward general education core requirements.**

<p><b>Area 1: Writing and Speaking</b> <span style="float: right;"><b>9 credit hours</b></span></p> <p><i>Required courses:</i>                  Choose one course from the following:                  English (ENGL) 110 Accelerated Composition                  English (ENGL) 111/112 Composition I/ Composition II                  English (ENGL) 113 Enhanced Composition                  and                  Required course:                  English (ENGL) 120 Composition III                  and                  Choose one (1) <u>course from the UNM Core Curriculum in Writing and Speaking (Area 1)</u>, of the following:                  Communication and Journalism (CJ)* any 100 or 200 level                  English (ENGL) 219, 220</p>
<p><b>Area 2: Mathematics</b> <span style="float: right;"><b>3 credit hours</b></span></p> <p><i>Choose one (1) of the following:</i>                  Does not include any pre-requisite math courses required by placement (IS Math 99, 100 or Math 120)</p> <p>Mathematics (MATH) 121, 129, 150, 162, 163, 180, 181, 215                  Statistics (STAT) 145                  Choose one course from the UNM Core Curriculum in Mathematics (Area 2).                  Any prerequisite Math courses required by placement (IS Math 99/100 or Math 101, 102, 103, or 120) do not fulfill the core requirement.</p>

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Comment [RA1]: Opened last 3 credit choice to the core curriculum worksheet

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Comment [RA2]: Rather than specify specific courses, referred to Core Curriculum worksheet. Remedial courses not accepted for this credit.

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**Area 3: Physical and Natural Sciences**

**7 credit hours**

Choose two (2) courses from the UNM Core Curriculum in Physical and Natural Sciences (Area 3) of the following:

One (1) must include a one credit lab.

\*Note: A & S requires 10 units to graduate.

- Anthropology (ANTH) 121L, 150 and 151L, 160 and 161L
- Astronomy (ASTR) 101 and 101L
- Biology (BIOL) 110 and 112L, 123 and 124L
- Chemistry (CHEM) 111L, 121 and 123L or 131L, 122 and 124L or 132L
- Earth and Planetary Sciences (EPS) 101 and 105L, 201L
- Environmental Science (ENVS) 101 and 102L
- Geography (GEOG) 101 and 105L
- Natural Science (NTSC) 261L, 262L, 263L
- Physics (PHYC) 102 and 102L, 151 and 151L, 152 and 152L, 160 and 160L

**Area 4: Social and Behavioral Sciences**

**6 credit hours**

Choose two (2) courses from the UNM Core Curriculum in Social and Behavioral Sciences (Area 4) of the following:

- American Studies (AMST) 182, 185\*\*
- Anthropology (ANTH) 101\*\*, 130\*\*
- Economics (ECON) 105\*\*, 106\*\*
- Geography (GEOG) 102
- Linguistics (LING) 101\*\* (AOA Anthropology 110\*\*)
- Political Science (POLS) 110, 200, 220, 240
- Psychology (PSY) 105\*\*
- Sociology (SOC) 101\*\*

**Area 5: Humanities**

**6 credit hours**

Choose two courses from the UNM Core Curriculum in Humanities (Area 5) of the following:

- American Studies (AMST) 186
- Classical Studies (CLST) 107\*\* (AOA ENGL 107), 204\*\*, 205\*\*
- Comparative Literature (COMP) 222, 224
- English (ENGL) 150, 292, 293
- History (HIST) 101\*\*, 102\*\*, 161\*\*, 162\*\*, 181\*\*, 182\*\*
- Philosophy (PHIL) 101\*\*, 201, 202
- Religious Studies (RELG) 107\*\*, 263\*\*, 264\*\*
- University Honors (UHON) any 100 and 200 Level

**Area 6: Foreign Language**

**3 credit hours**

One (1) course chosen from any lower division non-English language offering of the Department of Linguistics (Including Signing Language), Spanish and Portuguese, Foreign Languages and Literatures, and foreign languages in other departments and programs (except Latin 105).

Foreign Language Course: \_\_\_\_\_

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Comment [RA3]: Utilizing the Core Curriculum sheet instead of listing each course. This will therefore not require updates as the Core changes.

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Comment [RA4]: Reduce Soc/Behav Sciences to 6 credits, as required for General Education Core. Move 3 credits to accommodate UNIV 101 requirement.

Comment [RA5]: Utilizing the Core Curriculum sheet instead of listing each course. This will therefore not require updates as the Core changes

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Comment [RA6]: Utilizing the Core Curriculum sheet instead of listing each course. This will therefore not require updates as the Core changes

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**Area 7: Fine Arts**

**36 credit hours**

Choose ~~one~~ **two** (12) courses from the UNM Core Curriculum in Fine Arts (Area 7) of the following:

- Architecture (ARCH) 121
- Art History (ARTH) 101, 201, 202
- Art Studio (ARTS) \*\*\*
- Dance (DANC) 169
- Media Arts (MA) 111, 210
- Music (MUS) 139, 140, 142
- Theater (THEA) 122

*Any 3-credit studio or performance course offered by the Department of Art and History, Music, Theatre and Dance, Media Arts or IFDM.*

**Core Liberal Arts Area of Focus Requirements**

**18 credit hours**

**Liberal Arts Area of Focus: —**

(See Department Chair for area of focus curriculum.)

**TOTAL CREDIT HOURS: 61**

**Electives**

**6 credit hours**

Choose two (2) three credit Academically Transferable (UNM Main Campus) courses from any Area. Courses do NOT need to meet General Education Core requirements. UNIV 101: Introduction to Higher Education can be used as an elective.

**TOTAL CREDIT HOURS: 61**

**Comment [RA7]:** Decrease FA to 3 credit hours, as required by General Education Core. Move 3 credits to academic elective. This allows students the ability to explore more course options towards a true liberal arts education.

**Comment [RA8]:** Utilizing the Core Curriculum sheet instead of listing each course. This will therefore not require updates as the Core changes

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**Comment [RA9]:** Took off three credits from Fine Arts and Social and Behavioral Sciences and moved them to electives. This would then be a place that UNIV 101 mandated course can be used toward a degree plus an additional academically transferable elective. This allows a liberal arts student to take a course of interest that might perhaps be outside of their area of focus or in addition to their area of focus.

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**UNM-Taos Liberal Arts Areas of Focus**

Classics

**Required:**

CLST 107: Greek Mythology (ENGL 107)  
 CLST 204: Greek Civilization  
 CLST 205: Roman Civilization  
 HIST 101: Western Civilization to 1648  
 PHIL 201: Greek Thought  
 PHIL 211: Greek Philosophy

Criminal Justice

**Required:**

CRJS 101: Introduction to Criminal Justice  
 CRJS 102: Introduction to Corrections  
 CRJS 103: Juvenile Justice  
 CRJS 201: Criminal Law  
 CRJS 203: Courts and Criminal Justice  
 CRJS 204: Policing and Law Enforcement

**Required to take PSY 105 & SOC 101 in the Social & Behavioral Sciences General Education Requirements (Area 4).**

English

**Required:**

ENGL 250: The Analysis of Literature  
**Choose FIVE courses from the following:**  
 ENGL 107: Greek Mythology  
 ENGL 150: The Study of Literature  
 ENGL 211: Topics in Literature  
 ENGL 219: Technical & Professional Writing  
 ENGL 220: Expository Writing  
 ENGL 224: Intro to Creative Writing  
 ENGL 292/293: World Literature  
 COMP 222: Fairy and Folk Tales

*Or any other lower division 9100-200 level ENG course from the UNM Catalog*

Foreign Languages

**Choose SIX lower division (100-200 level) courses in foreign languages from the UNM Catalog.**

History

**Required:**

**Choose SIX lower division (100-200 level) courses from the following:**  
 HIST 101: Western Civilization to 1648  
 HIST 102: Western Civilization post 1648  
 HIST 161: U.S. History to 1877

HIST 162: History since 1877  
 HIST 181: History of Early Latin America  
 HIST 182: Modern Latin American History  
 HIST 220: Studies in History

Revised 01/05/2014

HIST 260: History of New Mexico

Humanities

**Choose SIX lower division (100-200 level) courses from the following:**

AMST (American Studies) not 182 or 185  
 CCS (Chicana and Chicano Studies)  
 COMP (Comparative Literature) only 222,224  
 CLST (Classical Studies)  
 ENGL (English) only 150,292,293  
 HIST (History)  
 PHIL (Philosophy)  
 RELG (Religion)  
 UHON (University Honors) only 205  
 WMST (Women's Studies)

Human Services

**Required:**

HS 101: Introduction to Human Services  
 HS 102: Principles of Interviewing  
 HS 109: Techniques of Assessment & Intervention  
 HS 250: Clinical Experience in Human Services  
 PSY 220: Developmental Psychology

**Choose ONE course from the following:**

FS 213: Marriage and Family Relations  
 HS 105: Group Dynamics  
 HS 251: Advanced Clinical Experience in Human Services

**Required to take ANTH 130, PSY 105, and SOC 101 in the Social and Behavioral Sciences General Education Requirements (Area 4).**

Licensed Alcohol and Drug Abuse Counselor (LADAC)

Associate of Arts in Liberal Arts with an Area of Emphasis in Psychology or Human Services plus an additional 6 credit hours in substance abuse (PSY 250/HHHA 293: Introduction to Substance Abuse, Biological Aspects of Substance Abuse, or and upper division substance abuse course).

Psychology

**Required:**

PSY 105: General Psychology  
 PSY 200: Statistical Psychology

**Choose FOUR courses from the following:**

PSY 220: Developmental Psychology  
PSY 231: Psychology of Human Sexuality (WMST 231)  
PSY 240: Brain & Behavior  
PSY 250: Special Topics in Psychology (1 to 3 cr hr)  
PSY 260: Psychology of Learning & Memory (see page 4)  
PSY 265: Cognitive Psychology  
PSY 271: Social Psychology  
PSY 280: Health Psychology

**Choose SIX lower-division (100-200 level) courses from the following:**

AMST (American Studies) 182,185  
ANTH (Anthropology)  
ECON (Economics)  
LING (Linguistics) 101  
POLS (Political Science)  
PSY (Psychology)  
SOC (Sociology)

**Social and Behavioral Sciences**

POLS (Political Science)

PSY (Psychology)

SOC (Sociology)

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**University of New Mexico Taos  
Associate of Arts in Liberal Arts**

NAME: \_\_\_\_\_

BANNER ID: \_\_\_\_\_

PROGRAM ENTRY DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_  
SEM YEAR

**Area 1: Writing & Speaking - 9 credit hours**

Course	Subject	CR HR	Grade	Semester
ENGL 101	Composition I: Exposition	3		
ENGL 102	Composition II: Analysis & Argument	3		
		3		

**Area 2: Mathematics - 3 credit hours**

		3		
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**Area 3: Physical & Natural Sciences - 7 credit hours**

		3		
		1		
		3		

**Area 4: Social & Behavioral Sciences - 6 credit hours**

		3		
		3		
		3		

**Area 5: Humanities - 6 credit hours**

		3		
		3		

**Area 6: Foreign Language - 3 credit hours**

		3		
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**Area 7: Fine Arts - 3 credit hours**

		3		
		3		

**Electives - 6 credit hours**

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Areas of Focus/Electives – 18 credit hours

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		3		

**TOTAL CREDIT HOURS REQUIRED: 61**

Current Version



**University of New Mexico Taos  
Associate of Arts in Liberal Arts**

**UNM-Taos reserves the right to make necessary changes as needed**

The Associate of Arts in Liberal Arts is designed for students who intend to pursue Bachelor of Arts degrees in various fields. The Associate of Arts degree gives students a solid foundation and is a pathway into majors in the College of Arts and Sciences. All courses for the Liberal Arts AA will transfer to UNM Albuquerque. Upon completion of the degree, a student will have completed the general education Core Curriculum as required at UNM Albuquerque and many other four-year institutions. Students will also have satisfied most of the Arts and Sciences graduation requirements.

**\*\*Courses that meet Liberal Arts Areas of Focus requirements cannot count toward general education core requirements.**

<p><b>Area 1: Writing and Speaking</b></p> <p><i>Required courses:</i>            Choose one course from the following:            English (ENGL) 110 Accelerated Composition            English (ENGL) 111/112 Composition I/ Composition II            English (ENGL) 113 Enhanced Composition                <i>and</i>  <i>Required course:</i>            English (ENGL) 120 Composition III                <i>and</i>            Choose one (1) course from the UNM Core Curriculum in Writing and Speaking (Area 1).</p>	<p><b>9 credit hours</b></p>
<p><b>Area 2: Mathematics</b></p> <p>Choose one course from the UNM Core Curriculum in Mathematics (Area 2).  <i>Any prerequisite Math courses required by placement (IS Math 99/100 or Math 101, 102, 103, or 120) do not fulfill the core requirement.</i></p>	<p><b>3 credit hours</b></p>
<p><b>Area 3: Physical and Natural Sciences</b></p> <p>Choose two (2) courses from the UNM Core Curriculum in Physical and Natural Sciences (Area 3).            One (1) must include a one credit lab.  <b>*Note: A &amp; S requires 10 units to graduate.</b></p>	<p><b>7 credit hours</b></p>
<p><b>Area 4: Social and Behavioral Sciences</b></p> <p>Choose two (2) courses from the UNM Core Curriculum in Social and Behavioral Sciences (Area 4).</p>	<p><b>6 credit hours</b></p>

<b>Area 5: Humanities</b> Choose two courses from the UNM Core Curriculum in Humanities (Area 5).	<b>6 credit hours</b>
<b>Area 6: Foreign Language</b> One (1) course chosen from any lower division non-English language offering of the Department of Linguistics (Including Sign Language), Spanish and Portuguese, Foreign Languages and Literatures, and foreign languages in other departments and programs (except Latin 105).  Foreign Language Course: _____	<b>3 credit hours</b>
<b>Area 7: Fine Arts</b> Choose one (1) course from the UNM Core Curriculum in Fine Arts (Area 7).	<b>3 credit hours</b>
<b>Core Liberal Arts Area of Focus Requirements</b> <b>(See Department Chair for area of focus curriculum.)</b>	<b>18 credit hours</b>
<b>Electives</b>  Choose two (2) three credit Academically Transferable (UNM Main Campus) courses from any Area. Courses do NOT need to meet General Education Core requirements. UNIV 101 can be used as an elective.	<b>6 credit hours</b>
<b><u>TOTAL CREDIT HOURS: 61</u></b>	



**University of New Mexico Taos  
Associate of Arts in Liberal Arts**

NAME: \_\_\_\_\_

BANNER ID: \_\_\_\_\_

PROGRAM ENTRY DATE: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
SEM YEAR

**Area 1: Writing & Speaking - 9 credit hours**

Course	Subject	CR HR	Grade	Semester
ENGL 101	Composition I: Exposition	3		
ENGL 102	Composition II: Analysis & Argument	3		
		3		

**Area 2: Mathematics - 3 credit hours**

		3		
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**Area 3: Physical & Natural Sciences - 7 credit hours**

		3		
		1		
		3		

**Area 4: Social & Behavioral Sciences - 6 credit hours**

		3		
		3		
		3		

**Area 5: Humanities - 6 credit hours**

		3		
		3		

**Area 6: Foreign Language - 3 credit hours**

		3		
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**Area 7: Fine Arts - 3 credit hours**

		3		
		3		

**Electives – 6 credit hours**


Areas of Focus – 18 credit hours

		3		
		3		
		3		
		3		
		3		
		3		

**TOTAL CREDIT HOURS REQUIRED: 61**

PROPOSED VERSION

Justification for Program: To align with Core Curriculum Worksheet and allow for elective options.

Impact on Long-Range Planning: There is no impact on long range planning.

Budget Analysis: There are no additional budget requirements.

Faculty Workload Implications: There are no changes to faculty workload.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1567**

Fields marked with \* are required

**Name of Initiator:** Roberta Vigil    **Email:** [greggy@unm.edu](mailto:greggy@unm.edu)    **Phone Number:** 505 737-6224    **Date:** 11-04-2014

Associated Forms exist?  Initiator's Title   
Faculty Contact     Administrative Contact   
Department     Admin Email   
Branch     Admin Phone

**Proposed effective term**

Semester  Year

**Course Information**

Select Appropriate Program   
Name of New or Existing Program   
Select Category  Degree Type   
Select Action

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Proposed AS Education.pdf](#)  
[Current AS Education with rationale.pdf](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[EDUC.pdf](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)



**University of New Mexico Taos  
Associate of Science in Education**

The Associate of Science in Education is designed for the student who is planning to enter a baccalaureate program upon completion, or who wants to work as a school aide. Students need to be aware of the Core Curriculum and College graduation requirements at UNM or any other four-year institution. It is the student’s responsibility to contact an academic advisor before registering for courses in the degree program. See second page for specific teaching field requirements.

*Note: Lower Division Education courses will not substitute for Professional Education course requirements. UNM-Taos reserves the right to make necessary changes as needed*

**Writing and Speaking**

**9 credit hours**

**Required:**

*Choose one (1) course from the following:*

- English (ENGL) 110 Accelerated Composition
- English (ENGL) 111/112 Composition I/Composition II
- English (ENGL) 113 Enhanced Composition

**Required:**

English (ENGL) 120 Composition III

**Required:**

Communication and Journalism (CJ) 130 Public Speaking **OR** (CJ) 220 Communication for Teachers

**Mathematics**

**9 credit hours**

*Required for Elementary Education:*

- Mathematics (MATH) 111 Math for Elementary and Middle school Teachers I
- Mathematics (MATH) 112 Math for Elementary and Middle school Teachers II
- Mathematics (MATH) 215 Math for Elementary and Middle school Teachers III

**OR**

*For Secondary Education: (6 credit hours)*

Mathematics (MATH) 120 Intermediate Algebra

**Or**

Mathematics (MATH) 101 and 102

**And**

Statistics (STATS) 145 Introduction to Statistics

<p><b>Social and Behavioral Sciences</b>  <b>Required:</b>  Linguistics (LING) 101 Introduction to the Study of Language  Psychology (PSY) 105 General Psychology</p> <p><b>And</b></p> <p><i>Any three (3) credit hour course that meets the UNM Core Curriculum in Social and Behavioral Sciences (Area 4)</i></p>	<p><b>9 credit hours</b></p>
<p><b>Humanities</b>  <b>Required:</b>  History (HIST) 101 or 102 Western Civilization (to 1648) or Western Civilization (from 1648)  History (HIST) 161 History of the US to 1877  History (HIST) 162 History of the US since 1877  History (HIST) 260 History of New Mexico</p>	<p><b>12 credit hours</b></p>
<p><b>Physical and Natural Sciences</b></p> <p><b>Required for Elementary Education:</b>  Natural Science (NTSC) 261L Physical Science  Natural Science (NTSC) 262L Life Science  Natural Science (NTSC) 263L Environmental Science</p> <p><i>Natural Science (NTSC) courses strongly recommended; also accept courses from the UNM Core Curriculum in Physical and Natural Sciences (Area 3)</i></p> <p><b>For Secondary Education, 12 credit hours in Physical and Natural Sciences. Please see an advisor or refer to the UNM College of Education guidelines for Secondary Education Science requirements</b></p>	<p><b>12 credit hours</b></p>
<p><b>Education</b></p> <p>EDUC 296 Internship</p>	<p><b>3 credit hours</b></p>
<p><b>Foreign Language</b></p> <p>One course chosen from any lower division non-English language offering of the Department of Linguistics (Including Sign Language), Spanish and Portuguese, Foreign Languages and Literatures, and foreign languages in other departments and programs (except Latin 105).</p> <p>Foreign Language Course: _____</p>	<p><b>3 credit hours</b></p>
<p><b>Area 7: Fine Arts</b></p> <p>Any course(s) that meet s the UNM Core Curriculum in Fine Arts (Area 7). Secondary Education students should take an additional three (3) credit hours of Fine Arts (please refer to the UNM College of Education Fine Art requirements for Secondary Education).</p>	<p><b>3 credit hours</b></p>

**Total Credit Hours- 60**

**Teaching Field Preparation****24-36 credit hours**

Twenty-four (24) to Thirty-six (36) semester credit hours in one teaching field is required in a degree program at UNM Albuquerque for teacher preparation licensure. These hours should be planned with an academic advisor. The following courses are recommended lower division preparation for Teaching Fields, and must be passed with a B or better. A teaching field is not required for completion of the Associates of Science Degree.

*\*Note: Not all of these courses will be offered on a regular basis at UNM Taos.*

**Total Credit Hours-93-105****Bilingual Education (Spanish/English-K-12)**

SPAN 101: Elementary Spanish I	(3)
SPAN 102 Elementary Spanish II	(3)
SPAN 201 Intermediate Spanish I	(3)
SPAN 202 Intermediate Spanish II	(3)

**Language Arts**

English (ENGL) 240 Traditional Grammar	(3)
SPAN 101 Elementary Spanish I	(3)

*One of the following:*

English (ENGL) 150 Study of Lit 3	
English (ENGL) 292 World Lit: Ancient/16th Cent	(3)
English (ENGL) 293 World Lit: 17th Cent Present	(3)
English (ENGL) 296 Early American Literature	(3)

**Bilingual Education (Navajo/English – K-12)**

History (HIST) 260 History of NM	(3)
Culture/Fine Arts/Folklore	(6)

**Social Science**

History (HIST) 101 West Civ. to 1648	(3)
History (HIST) 102 West Civ. post 1648	(3)
History (HIST) 161 US Hist to 1877	(3)
History (HIST) 162 US Hist post 1877	(3)
History (HIST) 260 History of NM	(3)
Geography (GEOG) 102 Human Geog.	(3)
Economics (ECON) 105 Macro	(3)
Political Science (POLS) 200 Amer. Politics	(3)

*One of the following:*

Political Science (POLS) 220 Comp. Political Sc.	(3)
Political Science (POLS) 240 Internet Politics	(3)
Political Science (POLS) 260 Political Ideas	(3)

**Science - 24 hrs. from the following:**

Chemistry (CHEM) 111L Elem Gen Chem	3
Chemistry (CHEM) 122L Gen Chem	3
Biology (BIOL) 110L Bio Non-Majors	3
Biology (BIOL) 136 Anat/Phys Non-Majors	3
Biology (BIOL) 237 Anat/Phys I	3

**Biology**

Biology (BIOL) 238 Anat/Phys II	3
Biology (BIOL) 239L Microbio Hlth Sci	3
Biology (BIOL) 247L Anat/Phys Lab	3

Biology (BIOL) 248L Anat/Phys Lab	3
Physics (PHYC) 102L Intro Physics	3
Physics (PHYC) 151L Gen Physics	3
Physics (PHYC) 152L Gen Physics	3
Earth and Planetary Sciences (EPS) 101 Intro Geology	3
Earth and Planetary Sciences (EPS) 105L Phys Geol. Lab	3
Earth and Planetary Sciences (EPS) 201L Earth History	3
Astronomy (ASTR) 101L Intro Astro.	3

**Art Education**

Art Studio (ARTS) 121 2-D Design	(3)
Art Studio (ARTS) 122 3-D Design	(3)
Art Studio (ARTS) Elective (200)	(3)
Art History (ARTH) 101 Intro Art	(3)
Art Education (ARTE) Elective (200)	(3)

**Fine Arts Theater**

Theater (THEA) 223 Intro. to Script Analysis	(3)
<i>One of the following:</i>	
Theater (THEA) 192 Stagecraft I	(3)
Theater (THEA) 194 Intro Costumes	(3)
Theater (THEA) 196 Intro Stage Light	(3)

**Teaching English as a Second Language**

Second Language	3
Linguistics (LING) 101	3

**Mathematics**

K-5: Math (MATH) 121 College Algebra	3
Mathematics (MATH) 180 Elem Calculus I	3
Mathematics (MATH) 181 Elem Calculus II	3
Statistics (STAT) 145 Statistics	3
K-8: Mathematics (MATH) 123 Trigonometry	123 3
Statistics (STAT) 145 Statistics	3
Mathematics (MATH) 150 Pre-Calculus	3
Mathematics (MATH) 162 Calculus	3



**University of New Mexico Taos  
Associate of Science in Education**

NAME: \_\_\_\_\_ BANNER ID: \_\_\_\_\_ PROGRAM ENTRY DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

SEM    YEAR

➤ **Writing & Speaking – 9credit hours**

Course	Subject	CR HR	Grade	Semester
ENGL 110/111/112/113	Composition I/Composition II/Accelerated Composition	3		
ENGL 102	Composition III	3		
CJ 130 or CJ 220 or LING 101	Public Speaking or Communication for Teachers Intro. to the Study of Language	3 3		

➤ **Mathematics – 9 credit hours**

MATH 111	Math for Elem. and Mid. School Teachers I	3		
MATH 112	Math for Elem. and Mid. School Teachers II	3		
MATH 215	Math for Elem. and Mid. School Teachers III	3		

➤ **Social and Behavioral Sciences - 9 credit hours**

LING 101	Introduction to the Study of Language	3		
PSY 105	General Psychology	3		
		3		

➤ **Humanities- 12 credit hours**

HIST 101 or 102		3		
HIST 161		3		
HIST 162		3		
HIST 260		3		

➤ **Physical and Natural Sciences - 12 credit hours**

		4		
		4		
		4		

➤ **Foreign Language - 3 credit hours**

		3		
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➤ **Education - 3 credit hours**

EDUC 296	Internship	3		

		3		
		3		

➤ **Fine Arts-3 credit hours for Elementary Education and 6 credit hours for Secondary Education**

		3		
		3		

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**University of New Mexico Taos  
Associate of Science in Education**

The Associate of **ScienceArts** in Education is designed for the student who is planning to enter a baccalaureate program upon completion, or who wants to work as a school aide. Students need to be aware of the Core Curriculum and College graduation requirements at UNM or any other four-year institution. It is the student's responsibility to contact an academic advisor before registering for courses in the degree program. See second page for specific teaching field requirements.

*Note: Lower Division Education courses will not substitute for Professional Education course requirements. UNM-Taos reserves the right to make necessary changes as needed*

**Writing and Speaking**  
**12 credit hours**

**9 credit hours**

**Required:**

*Choose one (1) course from the following:*

English (ENGL) 110 Accelerated Composition

English (ENGL) 111/112 Composition I/Composition II

English (ENGL) 113 Enhanced Composition

**Required:**

English (ENGL) 120 Composition III

**Required:**

*Choose two (2) courses from the following:*

Communication and Journalism (CJ) 130 Public Speaking **OR** (CJ) 220 Communication for Teachers

**Linguistics (LING) 101 Introduction to the Study of Language**

**Comment [RA1]:** LING 101 moved to Social and Behavioral Sciences Area 4. This is its correct placement with regards to the CORE curriculum worksheet

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**Mathematics**

**9 credit hours**

**Required for Elementary Education:**

Mathematics (MATH) 111 Math for Elementary and Middle school Teachers I

Mathematics (MATH) 112 Math for Elementary and Middle school Teachers II

Mathematics (MATH) 215 Math for Elementary and Middle school Teachers III

**OR**

*For Secondary Education: (6 credit hours)*

Mathematics (MATH) 120 Intermediate Algebra

**Or**

Mathematics (MATH) 101 and 102

**And**

Statistics (STATS) 145 Introduction to Statistics

**Comment [RA2]:** Added specifiers for elementary education and secondary education. Extra three credits of math for secondary education students will be moved to Fine Arts.

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**Comment [RA3]:** Secondary education students require different MATH courses. Math 120 is equal to Math 101 and 102 (ALEKS)

<p><b>Social and Behavioral Sciences I Science</b> <span style="float: right;"><u>9 credit hours</u></span></p> <p style="text-align: center;"><del>3 credit hours</del></p> <p><b>Required:</b>  <a href="#">Linguistics (LING) 101 Introduction to the Study of Language</a>  <a href="#">Psychology (PSY) 105 General Psychology</a></p> <p><b>And</b></p> <p><u>Any three (3) credit hour course that meets the UNM Core Curriculum in Social and Behavioral Sciences (Area 4)</u>  <i>Choose one (1) of the following:</i>  <a href="#">Economics (ECON) 105 or 106</a>  <a href="#">Sociology (SOC) 101</a>  <a href="#">Psychology (PSY) 105</a>  <a href="#">Political Science (POLS) 110 or 200</a>  <a href="#">Anthropology (ANTH) 101 or 130</a>  <a href="#">Geography (GEOG) 102</a></p>	
<p><b>History Humanities</b> <span style="float: right;"><u>12 credit hours</u></span></p> <p><b>Required:</b> <span style="float: right;"><del>12 credit hours</del></span></p> <p><a href="#">History (HIST) 101 or 102 Western Civilization (to 1648) or Western Civilization (from 1648)</a></p> <hr/> <p><a href="#">History (HIST) 161 or 162 History of the US to 1877</a>  <a href="#">History (HIST) 162 History of the US since 1877</a>  <a href="#">History (HIST) 260 History of New Mexico</a></p> <hr/> <p><a href="#">History (HIST) Elective</a></p>	
<p><b>Physical and Natural Sciences Science</b> <span style="float: right;"><u>12 credit hours</u></span></p> <p style="text-align: center;"><del>12 credit hours</del></p> <p><b>Required for Elementary Education:</b>  <a href="#">Natural Science (NTSC) 261L Physical Science</a>  <a href="#">Natural Science (NTSC) 262L Life Science</a>  <a href="#">Natural Science (NTSC) 263L Environmental Science</a></p> <p><u>Natural Science (NTSC) courses strongly recommended; also accept courses from the UNM Core Curriculum in Physical and Natural Sciences (Area 3)</u></p> <p><u>For Secondary Education, 12 credit hours in Physical and Natural Sciences. Please see an advisor or refer to the UNM College of Education guidelines for Secondary Education Science requirements</u></p> <p><i>Natural Science courses strongly recommended; also accept courses from:</i>  <a href="#">Astronomy (ASTR) 101</a>; <a href="#">Biology (BIOL) 110/112L, 201, 202, 123/124L</a>; <a href="#">Chemistry (CHEM) 111L, 131L, 132L</a>; <a href="#">Earth and Planetary Sciences (EPS) 101/105L, 201L</a>; <a href="#">Environmental Science (ENVS) 101</a>; <a href="#">Physics (PHYC) 102/102L, 151/151L, 152/152L, 160/160L, 161/161L</a>. <i>Must include one (1) Lab</i></p>	
<p><b>Education</b> <span style="float: right;"><u>3 credit hours</u></span></p> <p style="text-align: center;"><del>6 credit hours</del></p>	

**Comment [RA4]:** Modified title utilizing UNM Core Curriculum worksheet categories. Added LING 101 to this section, as indicated by the Core worksheet. Added an additional 3 credits of Area 4 to align with requirements at the BA level for elementary and secondary education.

**Comment [RA5]:** Department Chair is requiring Psy 105 in Area 4 for content alignment with education. Not required for Education in upper division but she felt the content was very useful for teacher education. Remains consistent from our previous AS in Education.

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**Comment [RA6]:** Terminology consistent with UNM CORE curriculum worksheet

**Comment [RA7]:** Required 12 credits of HIST consistent with College of Education degrees in Elementary and Secondary Education

**Comment [RA8]:** Change in title to be consistent with UNM Core Curriculum worksheet

**Comment [RA9]:** This area was updated to reflect different requirements for Elementary and Secondary Education degrees.

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<p><del>EDUC 296 Internship</del> <del>EDUC 220 Exploring Schools &amp; Teaching</del>  <del>CIMTE 296 Internship</del></p>	
<p><del>Psychology</del></p> <p><del>Psychology (PSY) 105 General Psychology</del>  <del>Psychology (PSY) 220 Developmental Psychology</del></p>	<p><del>6 credit hours</del></p>
<p><b>Foreign Language</b></p> <p>One course chosen from any lower division non-English language offering of the Department of Linguistics (Including Sign Language), Spanish and Portuguese, Foreign Languages and Literatures, and foreign languages in other departments and programs (except Latin 105).</p> <p>Foreign Language Course: _____</p>	<p><b>3 credit hours</b></p>
<p><b>Area 7: Fine Arts</b></p> <p><del>6 credit hours</del></p> <p><del>Not required for Fine Arts endorsement; see specific teaching field requirements.</del></p> <p><u>Any course(s) that meet s the UNM Core Curriculum in Fine Arts (Area 7). Secondary Education students should take an additional three (3) credit hours of Fine Arts (please refer to the UNM College of Education Fine Art requirements for Secondary Education).</u></p> <p><del>Art History (ARTH) 101, 251</del>  <del>Art Education (ARTE) 214</del>  <del>Music (MUS) 139</del></p>	<p><b>3 credit hours</b></p>

**Comment [RA10]:** Educ 220 and CIMTE 296 deleted from the curriculum as they are no longer required for the education degree and articulation purposes. The internship class will now be under a EDUC course code. The deletion of CIMTE will also help bring the total credit hours for this degree to 60 instead of the previous 69-in alignment with main campus

**Comment [RA11]:** Deleting this section as Psy is already covered in the Social and Behavioral Sciences area. This is consistent with the Core Curriculum worksheet. Developmental psych is no longer required at the BA level for education

**Comment [RA12]:** Deleting 3 credit hours of Fine Arts to bring total degree down to 60 from 69. Elementary education students will take 3 credit hours of Fine Arts and Secondary Education students will take 6 credit hours of fine arts (inclusive of the 3 MATH credits leftover)

**Total Credit Hours- 60**

**Teaching Field Preparation****24-36 credit hours**

Twenty-four (24) to Thirty-six (36) semester credit hours in one teaching field is required in a degree program at UNM Albuquerque for teacher preparation licensure. These hours should be planned with an academic advisor. The following courses are recommended lower division preparation for Teaching Fields, and must be passed with a B or better. A teaching field is not required for completion of the Associates of Science Degree.

\*Note: Not all of these courses will be offered on a regular basis at UNM Taos.

**Total Credit Hours-93-105****Bilingual Education (Spanish/English-K-12)**

SPAN 101: Elementary Spanish I	(3)
SPAN 102 Elementary Spanish II	(3)
SPAN 201 Intermediate Spanish I	(3)
SPAN 202 Intermediate Spanish II	(3)

**Language Arts**

English (ENGL) 240 Traditional Grammar	(3)
SPAN 101 Elementary Spanish I	(3)

One of the following:

English (ENGL) 150 Study of Lit 3	
English (ENGL) 292 World Lit: Ancient/16th Cent	(3)
English (ENGL) 293 World Lit: 17th Cent Present	(3)
English (ENGL) 296 Early American Literature	(3)

**Bilingual Education (Navajo/English – K-12)**

History (HIST) 260 History of NM	(3)
Culture/Fine Arts/Folklore	(6)

**Social Science**

History (HIST) 101 West Civ. to 1648	(3)
History (HIST) 102 West Civ. post 1648	(3)
History (HIST) 161 US Hist to 1877	(3)
History (HIST) 162 US Hist post 1877	(3)
History (HIST) 260 History of NM	(3)
Geography (GEOG) 102 Human Geog.	(3)
Economics (ECON) 105 Macro	(3)
Political Science (POLS) 200 Amer. Politics	(3)

One of the following:

Political Science (POLS) 220 Comp. Political Sc.	(3)
Political Science (POLS) 240 Internet Politics	(3)
Political Science (POLS) 260 Political Ideas	(3)

**Science - 24 hrs. from the following:**

Chemistry (CHEM) 111L Elem Gen Chem	3
Chemistry (CHEM) 122L Gen Chem	3
Biology (BIOL) 110L Bio Non-Majors	3
Biology (BIOL) 136 Anat/Phys Non-Majors	3
Biology (BIOL) 237 Anat/Phys I	3

**Biology**

Biology (BIOL) 238 Anat/Phys II	3
Biology (BIOL) 239L Microbio Hlth Sci	3
Biology (BIOL) 247L Anat/Phys Lab	3

Biology (BIOL) 248L Anat/Phys Lab	3
Physics (PHYC) 102L Intro Physics	3
Physics (PHYC) 151L Gen Physics	3
Physics (PHYC) 152L Gen Physics	3
Earth and Planetary Sciences (EPS) 101 Intro Geology	3
Earth and Planetary Sciences (EPS) 105L Phys Geol. Lab	3
Earth and Planetary Sciences (EPS) 201L Earth History	3
Astronomy (ASTR) 101L Intro Astro.	3

**Art Education**

Art Studio (ARTS) 121 2-D Design	(3)
Art Studio (ARTS) 122 3-D Design	(3)
Art Studio (ARTS) Elective (200)	(3)
Art History (ARTH) 101 Intro Art	(3)
Art Education (ARTE) Elective (200)	(3)

**Fine Arts Theater**

Theater (THEA) 223 Intro. to Script Analysis	(3)
One of the following:	
Theater (THEA) 192 Stagecraft I	(3)
Theater (THEA) 194 Intro Costumes	(3)
Theater (THEA) 196 Intro Stage Light	(3)

**Teaching English as a Second Language**

Second Language	3
Linguistics (LING) 101	3

**Mathematics**

K-5: Math (MATH) 121 College Algebra	3
Mathematics (MATH) 180 Elem Calculus I	3
Mathematics (MATH) 181 Elem Calculus II	3
Statistics (STAT) 145 Statistics	3
K-8: Mathematics (MATH) 123 Trigonometry	3
Statistics (STAT) 145 Statistics	3
Mathematics (MATH) 150 Pre-Calculus	3
Mathematics (MATH) 162 Calculus	3



**University of New Mexico Taos  
Associate of Science in Education**

NAME: \_\_\_\_\_ BANNER ID: \_\_\_\_\_ PROGRAM ENTRY DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

SEM    YEAR

➤ **Writing & Speaking – 9-12 credit hours**

Course	Subject	CR HR	Grade	Semester
ENGL 110/111/112/113	<a href="#">Composition I/Composition II/Accelerated Composition</a>	3		
ENGL 102	Composition III	3		
CJ 130 or CJ 220 or LING 101	Public Speaking or Communication for Teachers Intro. to the Study of Language	3 3		

➤ **Mathematics – 9 credit hours**

MATH 111	Math for Elem. and Mid. School Teachers I	3		
MATH 112	Math for Elem. and Mid. School Teachers II	3		
MATH 215	Math for Elem. and Mid. School Teachers III	3		

➤ **Social and Behavioral Sciences Science - 9-3 credit hours**

LING 101	<a href="#">Introduction to the Study of Language</a>	3		
PSY 105	<a href="#">General Psychology</a>	3		

➤ **Humanities History - 12 credit hours**

HIST 101 or 102		3		
HIST 161		3		
HIST 162		3		
HIST 260		3		

➤ **Physical and Natural Sciences - 12 credit hours**

		4		
		4		
		4		

➤ **Foreign Language - 3 credit hours**

		3		
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➤ **Education - 3-6 credit hours**

EDUC 296	<a href="#">Internship</a>	2		
		4		

➤ **Psychology 6 Credit hours**

		3		
		3		

➤ **Fine Arts-3-6 credit hours for Elementary Education and 6 credit hours for Secondary Education**

		3		
		3		

➤ **Teaching Field Preparation 24-36 credit hours**

		24-36		
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Justification for Program: To be more in alignment with the College of Education and to reduce the credit hours required from 69 to 60 credit hours.

Impact on Long-Range Planning: There is no impact on long range planning.

Budget Analysis: There are no additional budget requirements.

Faculty Workload Implications: There are no changes to faculty workload.



# Water Resources Program

Robert P. Berrens, Director  
Water Resources Program  
Economics Building, Room 1048  
MSC05 3110  
1 University of New Mexico  
Albuquerque, NM 87131-0001  
(505) 277-7759; FAX: (505) 277-5226  
[wrp@unm.edu](mailto:wrp@unm.edu)  
<http://www.unm.edu/~wrp>

## **Graduate Advisor**

Robert P. Berrens  
505-277-5249  
[rberrens@unm.edu](mailto:rberrens@unm.edu)

## **Program Committee**

Melinda H. Benson (Geography), J.D., University of Idaho  
Reed Benson (Law), J.D., University of Michigan  
Robert Berrens (Economics), Ph.D., Oregon State University  
Rebecca Bixby (Biology), Ph.D., University of Michigan  
Katie Emmer (THEMAC Resources Group Ltd.), M.W.R., University of New Mexico  
David Gutzler (Earth and Planetary Sciences), Ph.D., Massachusetts Institute of Technology  
Bruce Milne (Sustainability Studies, Biology), Ph.D., Rutgers University  
Caroline Scruggs (Community and Regional Planning), Ph.D., Stanford University  
Mark Stone (Civil Engineering), Ph.D., Washington State University

# Graduate Program

## Degree Offered

- **Master of Water Resources (M.W.R.)**  
Concentrations: Hydrosience; Policy and Management.

The Water Resources Program (WRP) offers the Master of Water Resources (M.W.R.) degree, an interdisciplinary professional degree designed to prepare students for careers in water resources. Applicants to the program must have a basic proficiency in at least one water-related discipline (defined rather broadly) such as engineering, sociology, management, public administration, environmental studies, economics, law, chemistry, planning, political science, geology, geography and biology, among others—or professional experience in the water field. The goal of the M.W.R. degree program is to expand and deepen students' knowledge of their primary disciplines and provide them with an integrated perspective on the importance of water in socio-economic and environmental contexts, improve their capacity for critical thinking and develop their technical and communication skills. UNM's location in the Southwest means that there is a focus on arid region water issues; however, the M.W.R. degree is designed to provide its students a firm grounding in water resources that is applicable to any region.

The M.W.R. degree is obtained by taking a sequence of courses in one of two concentrations: Hydrosience (HS) or Policy and Management (PM). The degree requirements consist of 39 credit hours: 36 credit hours of course work plus 3 credit hours for a professional project. The HS concentration is designed primarily for students with technical orientation in the physical and biological sciences and engineering. This concentration leads to further expertise in the technical aspects of water resources management. The PM concentration is intended for students with interests in the social and economic sciences, administration, and planning. This concentration develops the student's skills in the administrative, economic, and socio-political aspects of water resources management. The curriculum for each concentration is flexible, enabling a student to design a course of study that achieves his/her career objectives with guidance from his/her advisor and graduate committee.

The Water Resources Program and the Department of Community and Regional Planning have created a program of studies leading to the dual degrees of M.W.R. and Master of Community and Regional Planning (M.C.R.P.). This program consists of 53 credits of classes in Community and Regional Planning, Water Resources, and related subjects, and 6 credits of thesis or project. Details can be found at the [Water Resources Program Web site](#). Students interested in other dual degree options should contact the Director.

The Water Resources Program faculty is drawn from six schools (Law, Engineering, Medicine, Public Administration, Architecture and Planning, Medicine) and the College of Arts and Sciences. The Program is administered by a Program Committee drawn from the faculty and a Director, who functions as a department chair.

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## Admission Requirements

The admissions requirements for the M.W.R. degree program are as follows:

1. A bachelor's degree from an accredited college or university;
2. A grade point average of at least 3.0 out of 4.0 for the last two years of undergraduate work. (A student with a grade point average below 3.0 may be admitted if his/her experience/qualifications indicate likely success in the program.)
3. Three references from individuals qualified to assess the applicant's academic and/or professional qualifications. At least one individual must be a current/former professor. These letters must be sent to WRP.
4. Successful completion (C or better) of the following courses. These can be taken at other institutions; UNM equivalent courses are listed in parentheses.

### **Hydroscience (HS) Concentration:**

- Calculus I (MATH 180 or 162L); Calculus II (MATH 181 or 163L); and Statistics (STAT 145). Note: MATH 162L and 163L are highly recommended.
- Introductory Microeconomics (ECON 106) or Intermediate Microeconomics I (ECON 300).
- Three introductory (or higher) science courses (UNM 100-level) from at least two different disciplines.

### **Policy-Management (PM) Concentration:**

- Calculus I (MATH 180 or 162L) and Statistics (STAT 145).
- Introductory Microeconomics (ECON 106) or Intermediate Microeconomics I (ECON 300).
- Two introductory (or higher) science courses (UNM 100-level). These may be from two different disciplines.
- One introductory or higher course in: sociology (SOC 101); or political science (POLS 110); or psychology (PSY 105). Note: a student entering with a major or minor in one of the above must take a course in one of the remaining two disciplines.

5. A one to two page letter of intent describing the student's interests in water resources, experience in the field, objectives and future plans. This document is helpful in assessing the applicant's aptitude for the program and in assigning a temporary advisor. These letters must be sent to WRP.

Normally, applicants must satisfy the prerequisites before they can be admitted to the program, however, students with exceptional qualifications may be admitted if they are missing one prerequisite. Applicants missing more than two prerequisites may not be admitted. The Graduate Record Examination (GRE) is not required for admission.

### *Admission Deadlines*

November 15	Spring semester
July 15	Fall semester

The deadlines for international applicants are August 1 and March 1 for the spring and fall semesters respectively. Prospective students are advised to apply as early as possible as available slots may be filled prior to the published deadlines.

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### *Master of Water Resources*

- Concentrations: Hydrosience; Policy and Management.

### *Curriculum Requirements*

A student selects a concentration in either Policy-Management (PM) or in Hydrosience (HS). This selection should be made before the student completes 12 credit hours of course work.

39 credit hours are required: 36 credit hours of formal course work, and 3 credit hours for a professional project. The credit hours are distributed as follows:

1. 12 credit hours in the Water Resources interdisciplinary (core) courses: WR 571, WR 572, and WR 573.
2. 15 credit hours from courses in the student's concentration (HS or PM) (see below for suggested HS and PM courses).
3. 6 credit hours of courses in the other group (HS or PM). If the student's concentration is PM, these six credit hours must come from the HS group, and vice-versa.
4. 3 credit hours from the Utilities Group courses (see below).
5. 3 credit hours of WR 598 (Professional Project). The student can take more than 3 credit hours of WR 598, but only 3 credit hours may count towards the degree.

Courses are subdivided into three groups; suggested courses are listed below. A complete list of suitable courses is maintained in the WRP office and on the WRP Web site and updated periodically.

**Note:** Students without suitable undergraduate course work may be required to take remedial courses for no graduate credit. Individual courses listed below may have prerequisites in excess of the M.W.R. prerequisites. No 300-level courses for graduate credit may apply to the M.W.R. degree, except CE \*\*335.

**Note:** WR 590 Internship can substitute for a Group I or II course, depending upon the nature of the internship. See the Director for details.

### **Group I: Hydrosience Courses**

- Hydrology and Hydraulics (WR 576; CE \*442, 540, 541, 542, 545, 549; EPS 562)
- Ecosystems, Environment, Health, and Water Quality (BIOL \*451, \*495, 505, 514, 535, 558; CE \*\*335, 531, 532, 534, 536, 537L; CRP 527; ENV5 530; EPS 515, 535, 543, 558; PH 502, 506)
- Climatology (EPS 536, 537)

## **Group II: Policy and Management Courses**

- Law (LAW 547, 554, 575, 580)
- Economics (ECON 542, 543, 544; CRP 565)
- Policy, Administration and Management (CRP 515, 532; GEOG 561, 562; PADM 500, 574; PH 554)
- Sociology, Communication and Culture (AMST 520, 523; CJ 518; CRP 574)

## **Group III: Utilities Courses**

These are courses related to modeling or mapping that are applicable to investigations and management of water resource issues.

- GIS (CE 547; CRP 583; GEOG 581L, 586L, 587L, 588L; EPS 555L)
- Methods (ECON \*407, 504, 545; PH 538)
- Modeling (ECON 540, 545; EPS 557L)

### *Concentration in Hydrosience*

- 15 credit hours from HS Group I, with at least one course from each category;
- 6 credit hours from PM Group II, from two different categories;
- 3 credit hours from Utilities Group III

### *Concentration in Policy and Management*

- 6 credit hours from HS Group I, with courses from two different categories;
- 15 credit hours from PM Group II, with at least one course in any three of the four categories;
- 3 credit hours from Utilities Group III

### *Professional Project*

Each student must complete a 3 credit hour professional project. The student selects the topic in consultation with his/her advisor and committee and conducts the work under their guidance. The student must present the results of his/her work in an open forum and successfully defend the project before an advisory committee. This defense functions as the Master's examination. Examples and guidelines for preparation of the professional project report are available from the Water Resources Program office, the Web site, and the Program Guidelines.

[Keys and Symbols Reference](#)

Courses

[WR 551-552. Problems.](#) (1-3 to a maximum of 6  $\Delta$ )

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[WR 571. Water Resources I-Contemporary Issues.](#) (4)

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[WR 572. Water Resources II-Models.](#) (4)

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[WR 573. Water Resources III - Field Problems.](#) (4)

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[WR 576. Physical Hydrology.](#) (3)

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[WR 590. Internship.](#) (3)

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[WR 595. Topics in Water Resources.](#) (1-4 to a maximum of 9  $\Delta$ )

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[WR 598. Professional Project.](#) (1-3, no limit  $\Delta$ )

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1518**

Fields marked with \* are required

**Name of Initiator:** Eleni Bastea    **Email:** [ebastea@unm.edu](mailto:ebastea@unm.edu)    **Phone Number:** 505 277-8513    **Date:** 10-30-2014

Associated Forms exist? Yes  Initiator's Title Professor: SAAP Architecture Program  
Faculty Contact Eleni Bastea    Administrative Contact Eleni Bastea  
Department International Studies Program    Admin Email ebastea@unm.edu  
Branch    Admin Phone 277-8513

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Undergraduate Degree Program   
Name of New or Existing Program BA International Studies  
Select Category Major  Degree Type BA  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Title and Requirements.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

In order to accommodate the proposed, new required course, "Introduction to International Studies 101" (3 credits) into the curriculum without changing the overall required credits for the major, we are removing the language requirement at the 100 level. This does not affect language proficiency, as students still have to complete two language course at the 201 & 202 levels or above.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications. (upload a doc/pdf file)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1587**

Fields marked with \* are required

**Name of Initiator:** Sandy Rodrigue    **Email:** [rodrigue@unm.edu](mailto:rodrigue@unm.edu)    **Phone Number:** 505 277-3929    **Date:** 12-09-2014

Associated Forms exist? Yes  Initiator's Title Dept Administrator I: AS American Studies Gen Admi  
Faculty Contact Alex Lubin    Administrative Contact Sandy Rodrigue  
Department American Studies    Admin Email rodrigue@unm.edu  
Branch Main    Admin Phone 277-3929

**Proposed effective term**

Semester  Please Select    Year  2015

**Course Information**

Select Appropriate Program  Graduate Degree Program  
Name of New or Existing Program MA & PhD American Studies  
Select Category  Major    Degree Type  
Select Action  Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[Form C Graduate Program Catalog Revisions.doc](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

The department has been engaged in a long-term conversation about updating its graduate program to provide more in depth training to its students in a variety of areas. As part of the department's APR self-study process, it has been determined that this is an appropriate time to make these adjustments. This includes creating a required sequence of classes for new graduate students to take in order to receive a more firm foundation in the theories, methods, and authors important to the field of American Studies.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C Grad Program Budget Faculty Load Implications.doc](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

# Graduate Program

## Graduate Advisor

Varies, contact department office.

## Application Deadlines

Annual: January 15.

**NOTE:** Early application is recommended. No new applications are accepted after January 15.

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## Degrees Offered

- **Master of Arts in American Studies (M.A.)**
- **Doctor of Philosophy in American Studies (Ph.D.)**

The Department of American Studies is committed to the interdisciplinary study of American culture and society as a whole. Besides general courses in American life and thought, six areas of study are offered: Cultural Studies (including folklore and material culture); Southwest Studies; Environment, Science and Technology; Popular Culture; Gender Studies; Race, Class and Ethnicity. Students consult with department faculty to develop individual, inter-departmental programs of study in the humanities and social sciences that focus on these or other significant aspects of American society and thought.

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## Master of Arts in American Studies

### Admission

Applicants to the master's program in American Studies should hold a bachelor's degree in American Studies or a related field such as Art History, History, English, Philosophy, Economics, Education, Political Science, Sociology, Anthropology, Women Studies, or Ethnic Studies. In making their application, candidates are expected to submit a substantive letter of intent with a clear statement of their American Studies research interests and their goals in pursuing such investigations on a graduate level. Only candidates who show purpose and promise, and whose research needs can be appropriately met, are admitted by a committee of the department faculty.

### Program Options

Taking into consideration the experience and purposes of each student, individualized programs are planned to emphasize two major areas of interest with supplementary work in other areas.

The master's is offered under **Plan I** (thesis) and **Plan II** (non-thesis) as described in this Catalog. The master's program in either case requires an interdisciplinary and interdepartmental grouping of courses for the study of American culture. Under Plan II, the student must successfully complete a minimum of 33 credit hours of graduate work. Plan I (thesis) calls for at least 27 credit hours of coursework in addition to at least six (6) thesis credit hours.

All graduate students must take the following in their first three semesters in the program:

AMST 500 - American Culture Study Seminar in the first fall semester

AMST 501 – Theories & Methods of American Studies in the first spring semester

AMST 600 – Research Methods Practicum in the second fall semester

They must also take at least three other American Studies seminars during their graduate career.

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## **Doctor of Philosophy in American Studies**

Applicants to the doctoral program should have a background in American Studies or a related field such as Art History, History, English, Philosophy, Economics, Education, Political Science, Sociology, Anthropology, Women Studies, or Ethnic Studies. In making their application, candidates are expected to submit a substantive letter of intent with a clear statement of their American Studies research interests and their goals in pursuing such investigations on a graduate level. Only candidates who show purpose and promise, and whose research needs can be appropriately met, are admitted by a committee of the department faculty.

### **Course Requirements**

Taking into consideration the experience and purposes of each student, individualized programs are planned to emphasize three major areas of interest with supplementary work in other areas.

At least 48 credit hours of coursework are required for the doctorate. They are as follows:

Required introductory graduate sequence (500, 501, 600) – 9 credit hours

American Studies graduate seminars (500-level) – 18 credit hours

Graduate electives (in AMST or interdepartmental) – 15 credit hours

Independent Study in preparation for comprehensive exam – 6 credit hours

Note: Students with an existing MA may transfer up to 18-credit hours of work at the discretion of the department.

Dissertation hours – minimum of 18 credit hours

## **Foreign Language**

In addition to the course requirements for the doctorate, the American Studies Department language requirement may be fulfilled either through the various options approved by the Office of Graduate Studies or through satisfactory completion of an alternative methodology option to be determined by the student in consultation with the student's committee on studies and the chairperson of the department.

## **Examination**

The comprehensive examination is taken after completion of course work. It is a written examination, the primary purpose of which is to ascertain the candidate's ability at synthesizing the subject matter and various methodologies covered during his or her time in the program. Detailed guidelines for the comprehensive examination are available through the department.

## **Dissertation**

The dissertation concerns itself with at least three disciplines in a specific area of American life.

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## **Requirements for Graduate Minor in American Studies**

The "declared minor" in American Studies is only available for Master's level students at present. To complete the minor, students must complete 9 credit hours of 500-level courses (seminars) under Plan I. Under Plan II students need 12 credit hours of 500-level courses. Under either plan, 1–3 credit hours of Independent Study with a faculty member in American Studies can count toward the minor. AMST 500 is a restricted course and does not count toward the minor.

American Studies graduate students who wish to do a minor in another department should do so in consultation with their academic advisor and should contact the other department for specific guidelines for the minor. Faculty members in American Studies may opt to waive their right to serve on a committee of studies outside American Studies. Plan I students may take no more than 9 credit hours of graduate course work in any other single department, and Plan II students may do no more than 15 credit hours of graduate course work in any other single department.

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**Courses in American Studies (AMST) are categorized in areas of interest. The category for each course appears in parenthesis at the end of the course description according to the following legend:**

**General (G); Cultural Studies (C); Environment, Science, Technology (EST); Gender Studies (GS); Popular Culture (PC); Race, Class and Ethnicity (RCE); and Southwest Studies (SS).**

### **Justification for change to program**

The department has been engaged in a long-term conversation about updating its graduate program to provide more in depth training to its students in a variety of areas. As part of the department's APR self-study process, it has been determined that this is an appropriate time to make these adjustments. This includes creating a required sequence of classes for new graduate students to take in order to receive a more firm foundation in the theories, methods, and authors important to the field of American Studies.

### **Budgetary and faculty load implications**

All of the courses in the American Studies graduate program are taught by full time faculty members as part of their regular teaching load. The department's number of faculty have grown in the past four years, and as such there are more faculty available to teach both the required sequence of courses and other graduate seminars and undergraduate offerings. Because professors will teach these as part of their regular teaching loads, there will be no additional impact on budget or faculty load.

### **Impact on long range plans for program and University**

We are convinced that this curriculum revision will improve learning outcomes and reduce time-to-degree for our graduate program.

### **Impact on program completion requirements**

While we are adding a new required sequence, we are not increasing the total hours currently required of the PhD program.

### **Impact on facilities, equipment, technology needs**

These proposed changes do not require any special facilities, equipment or technology. They will be offered in the department's seminar room, and do not require any special equipment in their teaching. Requests for new technology or equipment would not be made as a result of these changes being approved.

### **Impact on staff support**

There is no foreseen impact in this area. Staff would provide normal support to the instructors, only ensuring the classes are scheduled regularly.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1588**

Fields marked with \* are required

**Name of Initiator:** Kim Norgren    **Email:** [knorgren@unm.edu](mailto:knorgren@unm.edu)    **Phone Number:** 505 272-8327    **Date:** 12-16-2014

Associated Forms exist? Yes  Initiator's Title Data Manager: College of Nursing  
Faculty Contact Carolyn Montoya    Administrative Contact Kim Norgren  
Department College of Nursing    Admin Email knorgren@salud.unm.edu  
**Branch**    Admin Phone 2-8327

**Proposed effective term**

Semester Summer  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MSN Concentration: Family Nurse Practitioner (FNP)  
Select Category Concentration  Degree Type MSN  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[FNP\\_Catalog\\_POS.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

The revised Program of Studies (POS) for the Family Nurse Practitioner (FNP) concentration supports existing, as well as new and emerging, competencies for FNPs, maintains 800 clinical hours (key in a state with independent practice and full prescriptive authority for FNPs), addresses changes in course delivery required for the expanded enrollment necessary to fulfill NM legislative mandates, and allows for a greater flexibility in clinical site placements needed based on doubling of enrollment in 2015. In practice, FNPs are being called upon to manage increasingly complex patients in the primary care setting, including those with multiple co-morbid conditions, common mental health issues and the complexities associated with an aging population. The proposed curriculum strengthens the content in these areas through a new primary care course (N525 Primary Care Concepts; form B1621), an additional course with a focus on complex adult illness (N537 Primary Care of Adults III; form B1623) and a geriatric primary care course (N534 Primary Care Geriatrics; form B1622). Two existing courses, N535 Adult Health I and N536 Adult Health II, continue to have a focus on adult health care but have been revised (forms A3255 and A3256) to include additional women's health content (due to the elimination of N548 Women's Health from this program of studies) and to redistribute some existing content within the 3 course Primary Care of Adults course sequence.

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form\\_C\\_FNP\\_Budget.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)



# Family Nurse Practitioner (FNP) Concentration

## Summary of Curriculum Changes for Catalog Listing 12/16/14

### Core courses for all M.S.N. students

The core requirements are unchanged but are included for reference:

		Credit Hours
NURS 501	Theoretical Foundations of Advanced Nursing	3
NURS 503	Research in Nursing	3
NURS 505	Health Care Policy, Systems, and Financing for Advanced Practice Roles	3
	<b>Total M.S.N. Core</b>	<b>9</b>

### Required clinical core courses for all students in advanced practice concentrations (ACNP, FNP, PNP, NM):

		Credit Hours	Comments
NURS 526	Pathophysiology in Advanced Practice Nursing	3	
NURS 539	Advanced Pediatric Health and Development Assessment (PNP)	<del>4</del> 3	Does not affect FNP (Change affects PNP only)
-or-			
NURS 540	Advanced Health Assessment and Diagnostic Reasoning (ACNP, FNP, NM)	3	
NURS 543	Pharmacological Principles of Clinical Therapeutics	3	
	<b>Total Clinical Core</b>	<del>9-10</del> 9	Clinical core consistent for all advanced practice concentrations

### In addition to the required core general and clinical courses, the FNP concentration has the following requirements:

		Credit Hours	Comments
NURS 525	Primary Care Concepts	3	New course (Form B1621)
NURS 534	Primary Care Geriatrics	2	New course (Form B1622)
NURS 535	Adult Health I	4	Unchanged
NURS 536	Adult Health II	<del>5</del> 3	Changes to 3 credits; content is redistributed (Form A 3256)
NURS 537	Primary Care of Adults III	4	New course (Form B1623)
NURS 541	Antepartum/Postpartum	1	Unchanged
NURS 542	Ambulatory Pediatrics I	<del>4</del> 3-4	FNPs will decrease to 3 credits; content is redistributed (Form A 3257)
NURS 546	Ambulatory Pediatrics II	<del>4</del> 4-5	FNPs continue to take for 4 credits (Change to variable credits affects PNP only)
<del>NURS 548</del>	<del>Women's Health</del>	3	Course previously offered twice with variable credit; the FNP content is redistributed (course will still be used by Nurse-Midwifery Concentration and is not being deleted from the catalog)
NURS 554	The Evidence Base for APRN Primary Care Practice	1	New course (Form B1624)
NURS 594	Advanced Practice Seminar	1	Unchanged
NURS 595	Advanced Nursing Fieldwork	7	Unchanged
NURS 596	Professional Paper		
-or-		1	Unchanged
NURS 597	Applied Examination		
	<b>Total</b>	<del>30</del> 34	
	<b>Total for concentration</b> (includes core courses)	<b>52</b>	<b>Total for POS is unchanged</b>

University of New Mexico – College of Nursing  
Masters Concentration: Family Nurse Practitioner (FNP)

**Budget Analysis/Faculty Workload/Impact Long Range Planning**

In 2014, the NM legislature allocated \$1.6 million (recurring funding) to expand the primary care concentrations of FNP, Nurse Midwifery (NM), and Pediatric Nurse Practitioner (PNP). This funding mandates the enrollment of an additional 24 students per year between the three concentrations, for a total admission of 40 advanced practice primary care students starting in 2015. The funding supports hiring of new faculty as well as support staff. As of 12/14, two FNP and one PNP faculty have been hired. Recruitment for four additional faculty is on-going. In terms of staff positions, two program managers have been hired; a senior program manager position has been filled; two additional student services employees have been hired; and a tech support position has been filled. The budget includes funding for equipment and supplies as well as student and preceptor recruitment.

The College of Nursing (CON) faculty are organized into three teams, Research, Education and Practice. The Practice team faculty are responsible for the Advanced Practice Clinical concentrations and as such do the majority of teaching in in the primary care concentrations. Faculty from the Research and Education team are involved in teaching several of the core courses such as nursing theory, research and policy. Currently the Practice team has 10 FNP, 1 PNP, and 4 NM faculty assigned to teaching and or precepting the primary care students. A second PNP faculty will be starting in January 2015. There are faculty on the Education and Research team who are also nurse practitioners or midwives and when the need arises these faculty teach in advanced practice clinical courses. Family Nurse Practitioner faculty also have the knowledge and expertise to teach courses in the PNP and NM concentrations. The program of studies for these three concentrations is two years in length. In 2014 the concentrations admitted 20 students. The 2015 admission process was completed in December of 2014 and admission was offered to 40 students (20 FNP; 10 PNP; 10 NM)

Given that the legislative funding is recurring we expect to admit 40 primary care students annually; therefore faculty will be responsible for 80 students between the first and second year cohorts, 40 of which are FNPs. As previously discussed we are actively recruiting for 4 additional advanced practice faculty. The Research and Education teams have also recently hired additional faculty.

**Associated forms:**

- B1621, NURS 525: Primary Care Concepts, new course
- B1622, NURS 534: Primary Care Geriatrics, new course
- B1623, NURS 537: Primary Care of Adults III, new course
- B1624, NURS 554: The Evidence Base for APRN Primary Care Practice, new course
- A3255, NURS 535: Primary Care of Adults I, change to title, description, pre-requisites
- A3256, NURS 536: Primary Care of Adults II, change to title, description, co-requisites
- A3260, NURS 540: Advanced Health Assessment and Diagnostic Reasoning, change to co-requisites only
- A3257, NURS 542: Primary Care of Pediatrics I, change to title, description, credit value, pre-requisites
- A3261, NURS 543: Pharmacological Principles of Clinical Therapeutics, change to co-requisites only
- A3258, NURS 546: Primary Care of Pediatrics II, change to title, description, credit value, pre-requisites

**Family Nurse Practitioner Concentration**

Program of Studies (POS) – Current vs. Proposed Joanne Bartram MSN, FNP-BC – Interim Coordinator FNP Concentration

<b>Term/Year</b>	<b>CURRENT POS</b>	<b>CURRENT Didactic/Clinical Credit Hours</b>	<b>PROPOSED POS</b>	<b>PROPOSED Didactic/Clinical Credit Hours</b>	<b>COMMENTS</b>
Summer Term I – Y1	N501 Theory (3) N503 Research (3) N526 Pathophysiology (3)	(3/0) (3/0) (3/0) <b>Total credits = 9</b>	N501 Theory (3) N503 Research (3) N526 Pathophysiology (3)	(3/0) (3/0) (3/0) <b>Total credits = 9</b>	No change from current POS
Fall Term II –Y1	N504 Evidence-Based Practice (3) N505 Hlth Care Policy (3) N540 Adv Assessment (3)	(3/0) (3/0) (2/1) <b>Total credits = 9</b>	N540 Adv Assessment (3) N543 Adv Pharmacology (3) N525 Primary Care Concepts (3)	(2/1) (3/0) (3/0) <b>Total credits = 9</b>	Change in course sequence (N543/N505) New course (N525)
Spring Term III- Y1	N543 Adv Pharmacology (3) N548 Women’s Hlth (3) N541 Antepartum (1)	(3/0) (1.5/1.5) (1/0) <b>Total credits = 7</b>	N505 Hlth Care Policy (3) N535 Primary Care Adults I (4) N541Antepartum (1)	(3/0) (2/2) (1/0) <b>Total credits = 8</b>	Change in course sequence (N543 / N505, necessary to be consistent with other advanced practice concentrations) N535 includes former N548 content <b>100 hr clinical</b>
Summer Term IV-Y2	N542 Pediatrics I (4) N535 Adult Health I (4) N538 Diagnostic Reasoning elective (1)	(2.5/1.5) (2/2) (1/0) <b>Total credits = 8- 9</b>	N542 Pediatrics I (4) N536 Primary Care Adults II (3) N534 Primary Care Geriatrics (2)	(2/1) (2/1) (1.5/0.5) <b>Total credits = 8</b>	New course (N534) Minor changes (N536, N542; N536 includes former N548 content) <b>125 hr clinical</b>
Fall Term V-Y2	N546 Pediatrics II (4) N536 Adult Health II (5)	(2/2) (3/2) <b>Total credits = 9</b>	N546 Primary Care Pediatrics II (4) N537 Primary Care Adults III (4 ) N554 Evidence-Based Practice (1)	(2/2) (1.5/2.5) (1/0) <b>Total credits = 9</b>	New courses (N554, N537) Minor changes (N546) <b>225 hr clinical</b>
Spring Term VI-Y3	N594 Advanced Practice Seminar (1) N596/7 Comps (1) N595 Fieldwork (7)	(1/0) (1/0) (0/7) <b>Total credits = 9</b>	N594 Advanced Practice Seminar (1) N596/7 Comps (1) N595 Fieldwork (7)	(1/0) (1/0) (0/7) <b>Total credits = 9</b>	No change from current POS <b>350 hr clinical</b>
<b>TOTALS</b>	<b>Credit Hours Clinical Lab</b>	<b>52-53 786 48</b> (1 credit clinical / lab = 48 hours) <i>(requirement is 52; 1 credit of optional elective)</i>	<b>Credit Hours Clinical Lab</b>	<b>52 800 50</b> (1 credit of clinical / lab = 50 hours)	

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1589**

Fields marked with \* are required

**Name of Initiator:** Kim Norgren    **Email:** [knorgren@unm.edu](mailto:knorgren@unm.edu)    **Phone Number:** 505 272-8327    **Date:** 12-16-2014

Associated Forms exist? Yes  Initiator's Title Data Manager: College of Nursing  
Faculty Contact Carolyn Montoya    Administrative Contact Kim Norgren  
Department College of Nursing    Admin Email knorgren@salud.unm.edu  
**Branch**    Admin Phone 2-8327

**Proposed effective term**

Semester Summer  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MSN Concentration: Pediatric Nurse Practitioner (PNP)  
Select Category Concentration  Degree Type MSN  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[PNP\\_Catalog\\_POS.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

The revised Program of Studies (POS) for the Pediatric Nurse Practitioner (PNP) concentration supports existing, as well as emerging, competencies for PNPs, maintains 725 clinical hours (key in a state with independent practice and full prescriptive authority for nurse practitioners), addresses changes in course delivery required for the expanded enrollment necessary to fulfill NM legislative mandates, and allows for a greater flexibility in clinical site placements needed based on doubling of enrollment for all primary care concentrations in 2015. Consistent with the previously approved decrease of 1 credit from the advanced practice health assessment course for the Family, Adult Gero-Acute Care Nurse Practitioners and the Nurse Midwives, and consistent with national standards for advanced health assessment courses, 1 clinical credit has been deleted from N539 Pediatric Health and Developmental Assessment (form A3259). In practice, PNPs are being called upon to manage children with increasingly complex problems in the primary care setting; therefore, care was taken to maintain the total clinical hours for PNP concentration. The proposed curriculum strengthens pediatric content with the development of two new courses, N525 Primary Care Concepts and N554 Evidence Based Practice (forms B1621 and B1624); the change to require the previously approved N538 Diagnostic Reasoning from an optional course to a required course; and the shifting of 1 clinical credit from N547 Pediatric Chronic Illness to N546 Primary Care Pediatrics II (forms A3270 and A3258).

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form\\_C\\_PNP\\_Budget.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)



# Pediatric Nurse Practitioner (PNP) Concentration

## Summary of Curriculum Changes for Catalog Listing 12/16/14

### Core courses for all M.S.N. students

The core requirements are unchanged but are included for reference:

		Credit Hours
NURS 501	Theoretical Foundations of Advanced Nursing	3
NURS 503	Research in Nursing	3
NURS 505	Health Care Policy, Systems, and Financing for Advanced Practice Roles	3
	<b>Total M.S.N. Core</b>	<b>9</b>

### Required clinical core courses for all students in advanced practice concentrations (ACNP, FNP, PNP, NM):

		Credit Hours	Comments
NURS 526	Pathophysiology in Advanced Practice Nursing	3	
NURS 539	Advanced Pediatric Health and Development Assessment (PNP)	<del>4</del> 3	Decreases to 3 credits (Form A3259)
-or-			
NURS 540	Advanced Health Assessment and Diagnostic Reasoning (ACNP, FNP, NM)	3	
NURS 543	Pharmacological Principles of Clinical Therapeutics	3	
	<b>Total Clinical Core</b>	<del>9-10</del> 9	Clinical core consistent for all advanced practice concentrations

### In addition to the required core general and clinical courses, the PNP concentration has the following requirements:

		Credit Hours	Comments
NURS 525	Primary Care Concepts	3	New course (Form B1621)
NURS 538	Case Studies in Diagnostic Reasoning	1	Existing course, new requirement
NURS 542	Ambulatory Pediatrics I	<del>4</del> 3-4	PNPs continue to take 4 credits (Change to variable credits affects FNP only)
NURS 546	Ambulatory Pediatrics II	<del>4</del> 4-5	Increases to 5 for PNP's (Form A3258)
NURS 547	Pediatric Chronic Illness/Special Needs	<del>5</del> 4	Decreases to 4 credits (Form A3270)
NURS 549	Adolescent Health	3	Unchanged
NURS 594	Advanced Practice Seminar	1	Unchanged
NURS 554	The Evidence Base for APRN Primary Care Practice	1	New course (Form B1624)
NURS 595	Advanced Nursing Fieldwork	7	Unchanged
NURS 596	Professional Paper		
-or-		1	Unchanged
NURS 597	Applied Examination		
	<b>Total</b>	<del>25</del> 29	
	<b>Total for concentration</b> (includes core courses)	<b>48</b>	<b>Total for POS increases by 1 credit</b>

University of New Mexico – College of Nursing  
Masters Concentration: Pediatric Nurse Practitioner (PNP)

**Budget Analysis/Faculty Workload/Impact Long Range Planning**

In 2014, the NM legislature allocated \$1.6 million (recurring funding) to expand the primary care concentrations of FNP, Nurse Midwifery (NM), and Pediatric Nurse Practitioner (PNP). This funding mandates the enrollment of an additional 24 students per year between the three concentrations, for a total admission of 40 advanced practice primary care students starting in 2015. Prior to this funding the PNP concentration was only offered every 2-3 years due to limited resources. The funding supports hiring of new faculty as well as support staff. As of 12/14, two FNP and one PNP faculty have been hired. Family Nurse Practitioner faculty also have the knowledge and expertise to teach courses in the PNP concentration. Recruitment for four additional faculty is on-going. In terms of staff positions, two program managers have been hired; a senior program manager position has been filled; two additional student services employees have been hired; and a tech support position has been filled. The budget includes funding for equipment and supplies as well as student and preceptor recruitment.

The College of Nursing (CON) faculty are organized into three teams, Research, Education and Practice. The Practice team faculty are responsible for the Advanced Practice Clinical concentrations and as such do the majority of teaching in in the primary care concentrations. Faculty from the Research and Education team are involved in teaching several of the core courses such as nursing theory, research and policy. Currently the Practice team has 10 FNP, 1 PNP, and 4 NM faculty assigned to teaching and/or precepting the primary care students. A second PNP faculty will be starting in January 2015. There are faculty on the Education and Research team who are also nurse practitioners or midwives and when the need arises these faculty have teach in advanced practice clinical courses. The program of studies for these three concentrations is two years in length. In 2014 the concentrations admitted 20 students. The 2015 admission process was completed in December of 2014 and admission was offered to 40 students (20 FNP; 10 PNP; 10 NM)

Given that the legislative funding is recurring we expect to admit 40 primary care students annually; therefore faculty will be responsible for 80 students between the first and second year cohorts, 20 of which are PNPs. As previously discussed we are actively recruiting for 4 additional advanced practice faculty. The Research and Education teams have also recently hired additional faculty.

**Associated forms:**

B1621, NURS 525: Primary Care Concepts, new course

B1624, NURS 554: The Evidence Base for APRN Primary Care Practice, new course

A3259, NURS 539: Advanced Pediatric Health and Developmental Assessment, change credit value, co-requisites

A3257, NURS 542: Primary Care of Pediatrics I, change to title, description, credit value, pre-requisites

A3261, NURS 543: Pharmacological Principles of Clinical Therapeutics, change to co-requisites only

A3258, NURS 546: Primary Care of Pediatrics II, change to title, description, credit value, pre-requisites

A3270, NURS 547: Pediatric Chronic Illness/Special Needs, change to credit value

**Pediatric Nurse Practitioner Concentration**

Program of Studies (POS) – Current vs. Proposed Carolyn Montoya PhD, CPNP – Coordinator PNP Concentration

<b>Term/Year</b>	<b>CURRENT POS</b>	<b>CURRENT Didactic/Clinical Credit Hours</b>	<b>PROPOSED POS</b>	<b>PROPOSED Didactic/Clinical Credit Hours</b>	<b>COMMENTS</b>
Summer Term I – Y1	N501 Theory (3) N503 Research (3) N526 Pathophysiology (3)	(3/0) (3/0) (3/0) <b>Total credits = 9</b>	N501 Theory (3) N503 Research (3) N526 Pathophysiology (3)	(3/0) (3/0) (3/0) <b>Total credits = 9</b>	No change from current POS
Fall Term II – Y1	N539 Pediatric Health & Developmental Assessment (4) N504 Evidence-Based Practice (3) N505 Health Care Policy (3)	(3/1) (3/0) (3/0) <b>Total credits = 10</b>	N539 Pediatric Health & Developmental Assessment (3) N543 Pharmacology (3) N525 Primary Care Concepts (3)	(3/0) (3/0) (3/0) <b>Total credits = 9</b>	N539 Clinical hours removed from health assessment; course decreases from 4 credits to 3 credits. N554 Evidence-Based Practice added to POS.
Spring Term III- Y1	N543 Pharmacology (3) N549 Adolescent Health (3)	(3/0) (1.5/1.5) <b>Total credits = 5</b>	N505 Health Care Policy (3) N549 Adolescent Health (3)	(3/0) (1.5/1.5) <b>Total credits = 6</b>	
Summer Term IV-Y2	N542 Ambulatory Pediatrics I (4) N593 Diagnostic Reasoning (optional, 1-2)	(2.5/1.5) (1-2/0) <b>Total credits = 5-6</b>	N542 Primary Care Pediatrics I (4) N538 Diagnostic Reasoning (1) ELECTIVE if desired	(2/2) (1/0) <b>Total credits = 5</b>	N542 Didactic content ↓ by ½ credit; clinical content ↑ by ½ credit. N538 Diagnostic reasoning becomes a required course. Students have the option to take an elective.
Fall Term V-Y2	N546 Ambulatory Pediatrics II(4) N547 Pediatric Chronic Illness(5)	(2/2) (3/2) <b>Total credits = 9</b>	N546 Primary Care Pediatrics II (5) N547 Pediatric Chronic Illness (4) N554 Evidence Based Practice (1)	(2/3) (3/1) (1/0) <b>Total credits = 10</b>	N546 Primary Care Clinical content ↑ by 1 credit N547 Chronic Illness Clinical content ↓ by 1 credit N554 Evidence course -NEW
Spring Term VI-Y3	N596 Prof.Paper or N597 Exam (1) N595 Fieldwork (7) N594 Advanced Practice Seminar (1)	(1/0) (0/7) (1/0) <b>Total credits = 9</b>	N596 Prof.Paper or N597 Exam (1) N595 Fieldwork (7) N594 Advanced Practice Seminar (1)	(1/0) (0/7) (1/0) <b>Total credits = 9</b>	
<b>TOTALS</b>	<b>Credit Hours</b>	<b>47-49</b>	<b>Credit Hours</b>	<b>48</b>	Essentially no change in credit hours; students may have more credit hours if they take an elective(s) Increase of 5 clinical hours
	<b>Clinical</b>	<b>720</b>	<b>Clinical</b>	<b>725</b>	
	<b>Lab</b>	<b>48</b>	<b>Lab</b>	<b>50</b>	

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1591**

Fields marked with \* are required

**Name of Initiator:** Kim Norgren    **Email:** [knorgren@unm.edu](mailto:knorgren@unm.edu)    **Phone Number:** 505 272-8327    **Date:** 12-16-2014

Associated Forms exist? Yes  Initiator's Title Data Manager: College of Nursing  
Faculty Contact Carolyn Montoya    Administrative Contact Kim Norgren  
Department College of Nursing    Admin Email knorgren@salud.unm.edu  
**Branch**    Admin Phone 2-8327

**Proposed effective term**

Semester Summer  Year 2015

**Course Information**

Select Appropriate Program Graduate Degree Program   
Name of New or Existing Program MSN Concentration: Nurse-Midwifery  
Select Category Concentration  Degree Type MSN  
Select Action Revision

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[NM Catalog POS.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)

The revised Program of Studies (POS) for the Nurse Midwifery (NM) concentration supports existing, as well as new and emerging, competencies for NMs; maintains 1056 clinical hours (key in a state with independent practice and full prescriptive authority for NMs); and addresses changes in course delivery required for the expanded enrollment necessary to fulfill NM legislative mandates. Competencies for NM graduates, established by the American College of Nurse-Midwives (2012), continue to evolve over time and include the expansion of practice reflected in periodic task analysis of practicing nurse-midwives. The proposed revision allows for inclusion of content related to general primary care, oral health, mental health, cultural competence and interdisciplinary collaboration. In practice, NMs are being called upon to collaborate in the management of patients in the primary care setting, including those with multiple co-morbid conditions, common mental health issues and the complexities associated with aging women. The proposed curriculum strengthens the content in these areas through the addition of a new primary care course, N525 Primary Care Concepts (form B1621) and streamlines course delivery with minor changes to N551Newborn (form A3262).

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

[Form C NM Budget.docx](#)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

# Nurse-Midwifery Concentration

## Summary of Curriculum Changes for Catalog Listing 12/16/14

### Core courses for all M.S.N. students

The core requirements are unchanged but are included for reference:

		Credit Hours
NURS 501	Theoretical Foundations of Advanced Nursing	3
NURS 503	Research in Nursing	3
NURS 505	Health Care Policy, Systems, and Financing for Advanced Practice Roles	3
	<b>Total M.S.N. Core</b>	<b>9</b>

### Required clinical core courses for all students in advanced practice concentrations (ACNP, FNP, PNP, NM):

		Credit Hours	Comments
NURS 526	Pathophysiology in Advanced Practice Nursing	3	
NURS 539	Advanced Pediatric Health and Development Assessment (PNP)	<del>4</del> 3-4	Does not affect Nurse Midwifery (Change to variable credits affects PNP only)
-or-			
NURS 540	Advanced Health Assessment and Diagnostic Reasoning (ACNP, FNP, NM)	3	
NURS 543	Pharmacological Principles of Clinical Therapeutics	3	
	<b>Total Clinical Core</b>	<del>9-10</del> 9	Clinical core consistent for all advanced practice concentrations

### In addition to the required core general and clinical courses, the Nurse-Midwifery concentration has the following requirements:

		Credit Hours	Comments
NURS 525	Primary Care Concepts	3	New course (Form B1621)
NURS 544	Antepartum/Postpartum	7	Unchanged
NURS 548	Women's Health	4	Unchanged
NURS 550	Interpartum Care	9	Unchanged
NURS 551	Newborn Care	3	Total credits taken unchanged (Form A3262 requests option to repeat once; content will be covered across two terms)
NURS 552	Evidence-Based Practice in Nurse Midwifery	1	Unchanged
NURS 553	Nurse-Midwifery Professional Practice	1	Unchanged
NURS 595	Advanced Nursing Fieldwork	7	Unchanged
NURS 596	Professional Paper		
-or-		1	Unchanged
NURS 597	Applied Examination		
	<b>Total</b>	<del>33</del> 36	Increase in total reflects new course
	<b>Total for concentration</b> (includes core courses)	<del>51</del> 54	Increase in total reflects new course; previous POSs have ranged from 51 to 55

University of New Mexico – College of Nursing  
Masters Concentration: Nurse Midwifery

**Budget Analysis/Faculty Workload/Impact Long Range Planning**

In 2014, the NM legislature allocated \$1.6 million (recurring funding) to expand the primary care concentrations of FNP, NM, and Pediatric Nurse Practitioner (PNP). This funding mandates the enrollment of an additional 24 students per year between the three concentrations, for a total admission of 40 advanced practice primary care students starting in 2015. The funding supports hiring of new faculty as well as support staff. There are currently 5 certified NM on faculty and as of 12/14, two FNP and one PNP faculty have been hired. Family and Pediatric Nurse Practitioner faculty also have the knowledge and expertise to teach selected courses (N548 Women's Health; N551 Newborn) in the NM concentration. In terms of staff positions, two program managers have been hired; a senior program manager position has been filled; two additional student services employees have been hired; and a tech support position has been filled. The budget includes funding for equipment and supplies as well as student and preceptor recruitment.

The College of Nursing (CON) faculty are organized into three teams, Research, Education and Practice. The Practice team faculty are responsible for the Advanced Practice Clinical concentrations and as such do the majority of teaching in in the primary care concentrations. Faculty from the Research and Education team are involved in teaching several of the core courses such as nursing theory, research and policy. Currently the Practice team has 10 FNP, 1 PNP, and 4 NM faculty assigned to teaching and/or precepting the primary care students. A second PNP faculty will be starting in January 2015. There are faculty on the Education and Research team who are also nurse practitioners or midwives and when the need arises these faculty teach in advanced practice clinical courses. The program of studies for these three concentrations is two years in length. In 2014 the concentrations admitted 20 students. The 2015 admission process was completed in December of 2014 and admission was offered to 40 students (20 FNP; 10 PNP; 10 NM)

Given that the legislative funding is recurring we expect to admit 40 primary care students annually; therefore faculty will be responsible for 80 students between the first and second year cohorts, 20 of which are NMs. As previously discussed we are actively recruiting for 4 additional advanced practice faculty. The Research and Education teams have also recently hired additional faculty.

**Associated forms:**

B1621, NURS 525: Primary Care Concepts, new course

A3260, NURS 540: Advanced Health Assessment and Diagnostic Reasoning, change to co-requisites only

A3261, NURS 543: Pharmacological Principles of Clinical Therapeutics, change to co-requisites only

A3262, NURS 551: Newborn Care, allow one time repeat

**Nurse-Midwife Concentration**  
Program of Studies (POS) – Current vs. Proposed

<b>Term/Year</b>	<b>CURRENT POS</b>	<b>CURRENT Didactic/Clinical Credit Hours</b>	<b>PROPOSED POS</b>	<b>PROPOSED Didactic/Clinical Credit Hours</b>	<b>COMMENTS</b>
Summer Term I – Y1	N501 Theory (3) N503 Research (3) N526 Pathophysiology (3)	(3/0) (3/0) (3/0) <b>Total credits = 9</b>	N501 Theory (3) N503 Research (3) N526 Pathophysiology (3)	(3/0) (3/0) (3/0) <b>Total credits = 9</b>	No change from current POS
Fall Term II –Y1	N504 Evidence-Based Practice (3) N505 Hlth Care Policy (3) N540 Adv Assessment (3)	(3/0) (3/0) (2/1) <b>Total credits = 9</b>	N540 Adv Assessment (3) N543 Adv Pharmacology (3) N525 Primary Care Concepts (3)	(2/1) (3/0) (3/0) <b>Total credits = 9</b>	Change in course sequence (N543/N505) New course (N525) <b>50 hr clinical</b>
Spring Term III- Y1	N543 Adv Pharmacology (3) N548 Women’s Hlth (3) N544 Antepartum/Postpartum (6)	(3/0) (2/1) (3/3) <b>Total credits = 12</b>	N505 Hlth Care Policy (3) N548 Women’s Health (4) N544 Antepartum/Postpartum (7)	(3/0) (2/2) (4/3) <b>Total credits = 14</b>	Change in course sequence (N543 / N505, necessary to be consistent with other advanced practice concentrations) N544 taught in entirety this term <b>300 hr clinical</b>
Summer Term IV-Y2	N544 Antepartum/Postpartum cont’d (1) N548 Women’s Hlth cont’d (1) N550 Intrapartum (3) N552 Evidence-Based Care in Nurse-Midwifery (1)	(0/1) (0/1) (2/1) (1/0) <b>Total credits = 6</b>	N550 Intrapartum (3) N551 Newborn (1) Elective (1)	(2/1) (1/0) (1/0) <b>Total credits = 5</b>	N551 split, 1 credit taught this term N544 1 credit moved to previous term N552 moved to next term <b>50 hr clinical</b>
Fall Term V-Y2	N550 Intrapartum cont’d (6) N551 Newborn (3)	(1/5) (2/1) <b>Total credits = 9</b>	N550 Intrapartum cont’d (6) N551 Newborn cont’d (2) N552 Evidence-Based Care in Nurse-Midwifery (1)	(1/5) (1/1) (1/0) <b>Total credits = 9</b>	N551 split, 2 credits only taught this term N552 moved <b>350 hr clinical</b>
Spring Term VI-Y3	N553 Nurse-Midwifery Professional Practice (1) N595 Fieldwork (7) N597 Professional Exam (1)	(1/0) (0/7) (1/0) <b>Total credits = 9</b>	N553 Nurse-Midwifery Professional Practice (1) N595 Fieldwork (7) N597 Professional Exam (1)	(1/0) (0/7) (1/0) <b>Total credits = 9</b>	No change from current POS <b>350 hr clinical</b>
<b>TOTALS</b>	<b>Credit Hours Clinical</b>	<b>55</b> <b>1056</b> (1 credit clinical / lab = 48 hours)	<b>Credit Hours Clinical</b>	<b>55</b> <b>1100</b> (1 credit of clinical / lab = 50 hours)	



## UNDERGRADUATE CATALOG

### Current Language

#### **Graduate Credit Option For Undergraduate Students**

Although courses numbered 500 and above are intended for graduate study, senior undergraduate students may receive undergraduate credit in such courses. Students must obtain advance approval from the course instructor and their college academic advisor.

To enroll in a graduate-level course for graduate credit, an undergraduate must first meet the following requirements:

- 1 Be within 10 credit hours of earning the baccalaureate degree;
- 2 Have an overall cumulative grade point average of at least 3.0; and
- 3 Enroll in no more than 9 credit hours of graduate credit during that semester (6 credit hours during summer session).

When these requirements are met, the student must complete a Graduate Credit Authorization card, signed by the instructor, their college advisement office and the Office of Graduate Studies and submit it to the Records and Registration Office. The courses taken apply toward an advanced degree after completion of the baccalaureate. The same course cannot be counted for both graduate and undergraduate credit.

### Proposed change

#### **Graduate Credit Option For Undergraduate Students**

Although courses numbered 500 and above are intended for graduate study, senior undergraduate students may receive undergraduate credit in such courses. Students must obtain advance approval from the course instructor and their college academic advisor.

To enroll in a graduate-level course for graduate credit, an undergraduate must first meet the following requirements:

- 4 Be within 10 credit hours of earning the baccalaureate degree;
- 5 Have an overall cumulative grade point average of at least 3.0; and
- 6 Enroll in no more than 9 credit hours of graduate credit during that semester (6 credit hours during summer session).

When these requirements are met, the student must complete a Graduate Credit Authorization card, signed by the instructor, their college advisement office and the Office of Graduate Studies and submit it to the Records and Registration Office. The courses taken apply toward an advanced degree after completion of the baccalaureate. For students with a minimum of 3.5 overall cumulative grade point average, up to 6 credit hours can be shared for both graduate and undergraduate credit with approval of the department's graduate advisor. A grade of B or better must be obtained in the courses in order for them to be accepted for graduate credit.

## **Reasons for Modifying Graduate Credit Option for Undergraduate Students**

It is proposed that that well qualified senior undergraduate students be allowed to count up to 6 credit hours for both undergraduate and graduate credit. The change is that hours can be counted for both graduate and undergraduate credit, which is currently prohibited. The students must have a cumulative grade point average of 3.5 at the time they enroll in the graduate courses and obtain a grade of B or better in the graduate courses. If they obtain less than a B in the courses the credits can only be used either at the undergraduate or graduate level but not both, which is the current policy. If a student obtains less than a B in a graduate course it would most likely only be used for undergraduate credit.

The proposal is intended to encourage excellent undergraduate students to enroll in graduate programs at UNM rather than pursue graduate study at other universities. They would have the ability to either finish their coursework requirement sooner or they might be able to take other graduate courses without adversely affecting their time to degree. The best qualified students will be encouraged to count 6 credit hours in graduate courses at the baccalaureate level in the first instance with no obligation to apply them at the graduate level unless they are admitted to a UNM graduate program. The change in policy will not reduce the rigor of a graduate degree since the ability of the student to count six hours at both the graduate and undergraduate levels will be under the control of the department's graduate advisor. It is assumed that the qualifying graduate classes will be germane to the student's graduate course of studies as determined by the graduate advisor.

**DEGREE/PROGRAM CHANGE  
FORM C  
Form Number: C1596**

Fields marked with \* are required

**Name of Initiator:** Lorna Brau    **Email:** [lbrau@unm.edu](mailto:lbrau@unm.edu)    **Phone Number:** 277-4771    **Date:** 01-09-2015

Associated Forms exist? Yes  Initiator's Title Associate Professor: Foreign Languages & Literatur  
Faculty Contact Lorie Brau    Administrative Contact Elvine Bologna  
Department Foreign Languages and Literatures    Admin Email ebologa@unm.edu  
Branch Main Campus    Admin Phone 277-4771

**Proposed effective term**

Semester Fall  Year 2015

**Course Information**

Select Appropriate Program Undergraduate Degree Program   
Name of New or Existing Program BA Asian Studies  
Select Category Major  Degree Type B.A.  
Select Action Deletion

Exact Title and Requirements as they should appear in the catalog. If there is a change, upload current and proposed requirements.

See current catalog for format within the respective college (upload a doc/pdf file)

[MEMO grandfathering ASIN majors.docx](#)

**Does this change affect other departmental program/branch campuses? If yes, indicate below.**

Reason(s) for Request (enter text below or upload a doc/pdf file)  
Please see attached file below.

[Reason for deletion of Asian Studies major.docx](#)

Upload a document that includes justification for the program, impact on long-range planning, detailed budget analysis and faculty workload implications.(upload a doc/pdf file)

**Are you proposing a new undergraduate degree or new undergraduate certificate? If yes, upload the following documents.**

Upload a two-page Executive Summary authorized by Associate Provost. (upload a doc/pdf file)

Upload memo from Associate Provost authorizing go-ahead to full proposal. (upload a doc/pdf file)

## MEMO

To: Elizabeth Barton, Associate Registrar  
From: Lorie Brau, Associate Prof. of Japanese  
Re: Eliminating the Asian Studies Major  
Date: 21 January 2015

The East Asian Studies major, to be housed in the department of Foreign Languages and Literatures will replace the Asian Studies major. Current majors in Asian Studies (as well as declared majors as of Spring 2015) will be allowed to either complete their BA in Asian Studies (according to the 2014-2015 catalogue) by the graduation date of Spring 2020. Alternatively, they may transfer to the new East Asian Studies BA if they prefer. We request that the Asian Studies major be deleted as of Fall 2015, and that Advisors and the Admissions Office be notified that the Asian Studies major (ASIN) is no longer available.

Thank you.

## **REASON FOR REQUEST: DELETION OF ASIAN STUDIES MAJOR**

In the fall of 2014, the Foreign Languages and Literatures department submitted a proposal outlining a new major called “East Asian Studies.” This new major will replace the current Asian Studies major. Like the deleted Asian Studies major, the new East Asian Studies major will be inter-disciplinary, but will offer students interested in China or Japan an opportunity to acquire a higher degree of proficiency in Japanese and Chinese language and cultures than has been required by the present Asian Studies major.

### **Why the change?**

The review team who participated in the 2013 International Studies program APR self-study recommended the elimination of the current Asian Studies major (as well as European Studies) for a number of reasons. While Asian Studies continues to attract a fair number of majors (16 declared, 4 intended majors as of the beginning of Fall 2014) and minors, these students have found it difficult to complete their degree in a timely manner because of a lack of faculty to teach the courses required for this inter-disciplinary program. A number of Asian Studies faculty have retired and have not been replaced. Often students must fulfill their requirements with classes that have little to do with their chosen East Asian focus. For example, students focusing on Japan have had to take history courses on the Middle East to meet the history requirement for the major.

Additionally, of the three focus areas prescribed for the Asian Studies major—East Asia, South Asia, and the Middle East—East Asia has drawn the greatest number of students for the last ten or more years. There have been fewer Asian Studies majors concentrating on the Middle East, in spite of the build-up of Arabic in FLL. One reason for this may be the establishment of the International Studies major, which has attracted many students whose interests lean more toward the social science fields. It appears that most students concentrating on the Middle East are choosing to major in International Studies.