DEGREE/PROGRAM CHANGE FORM C Form Number: C1768

Fields marked with * are required

Name of Initiator: Kateri Ruth Morris 10-29-2015	Email: <u>katerim@unm.edu</u> Phone Number: 505 661-4693	Date:		
Associated Forms exist? No 🛛 🗸 Initiator's Title Admin Assistant to the Dean: Los Alamos Branch				
Faculty Contact Mary Martucci	Administrative Contact Kateri Morris			
Department Science	Admin Email katerim@unm.edu			
Branch UNM-Los Alamos	Admin Phone 505-661-4693			
Proposed effective term Semester Fall Vear 2016 V				
Course Information				
Select Appropriate Program Undergraduate Degree Program V Name of New or Existing Program AS Pre-Professional Health Sciences (LA)				
Select Category Degree Type AS				

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) Reducing credit hours to meet state mandated change to 60 hours for Associate degree.

FormC ASPre-ProHealth approved.pdf

Select Action Revision

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)

FormC ASPre-ProHealth approved.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 Revision of UNM-LA's Associate of Science in Pre-**Professional Health Sciences**

Overall rationale for change: Reducing credit hours to meet state mandated change to 60 hours for Associate degree.

PROPOSED REVISION

CURRENT TEXT

About the Program

About the Program This is a transfer degree program designed for This is a transfer degree program designed for students pursuing a career in the health sciences, students pursuing a career in the health sciences, such such as nursing, physician's assistant, dental as nursing, physician's assistant, dental hygiene, and hygiene, and pharmacy. Completion of this degree pharmacy. Completion of this degree will fulfill the will fulfill the pre-admission requirements for most pre-admission requirements for most medical medical professional programs and enable students professional programs and enable students to transfer to transfer to a baccalaureate degree in BS in to a baccalaureate degree in BS in nursing, BS in nursing, BS in dental hygiene, BS – Physician dental hygiene, BS – Physician assistant studies assistant studies program, to Masters in Physical program, to Masters in Physical Therapy. It is strongly recommended that the students check the Therapy. specific requirements for the health sciences degree program of interest at the 4 year institution of their choice before registering for courses in the degree program. Rationale: Reiterate the fact that this is a generalized degree plan and that requirements specific to the intended health profession should be considered before making a degree plan. **Specific Requirements Specific Requirements** A minimum of 60 credit hours with minimum C (not A minimum of 63 credit hours with minimum C (not C-) grade or better in all courses and overall grade 2.5 C-) grade or better in all courses and overall grade or higher. At least 15 of these 60 hours must be UNM 2.5 or higher. At least 15 of these 63 hours must be catalog credit courses taken in residence. It is strongly UNM-LA catalog credit courses taken in residence. It is strongly recommended that the students check recommended that the students check the specific requirements for the health sciences degree program the specific requirements for the health sciences of interest at the 4 year institution of their choice degree program of interest at the 4 year institution before registering for courses in the degree program. of their choice before registering for courses in the degree program. Rationale: Minimum credit hours revised to 60. Change in wording from UNM-LA to UNM catalog credit courses taken in residence.

General Education Requirements	General Education Requirements	
Writing and Speaking: (6 Credit hours)	Writing and Speaking: (9 credit hours)	
ENGL 110: Accelerated Composition (3)	ENGL 110: Accelerated Composition (3)	
or	or	
	ENGL 112: Composition II (3)	
ENGL 112: Composition II (3)	or	
or		
ENGL 113: Enhanced Composition (3)	ENGL 113: Enhanced Composition (3)	
ENGL 120: Composition III (3)	ENGL 120: Composition III (3)	
	ENGL 219: Technical Writing (3)	
	Rationale: Changes made to meet the required number (9) of general education credits in Writing and Speaking. The additional Writing and Speaking requirement that was previously listed under "Other" required credit hours has been moved here to meet the 9-credit requirement.	
Mathematics and Statistics: (6 credit hours)	Mathematics and Statistics (minimum 3 credit hours)	
 MATH 120: Intermediate Algebra (3) or (Math 101, 102, and 103: Intermediate Algebra I, II, III) 	 <i>Choose one of the following:</i> MATH 121: College Algebra (3) and 	
And, select 1 course from:	 MATH 123: Trigonometry (3) MATH 150: Pre-calculus (3) 	
 MATH 121: College Algebra (3) and MATH 107: Problem for MATH 121 (1) MATH 123: Trigonometry (3) MATH 150: Precalculus (3) 	 MATH 180: Elements of Calculus I (3)* MATH 162: Calculus I (4)* STAT 145: Introduction to Statistics (3) 	
 MATH 180: Elements of Calculus I (3) and MATH 110: Problems for MATH 180 (1) MATH 162: Calculus I (4)* 	*Note: Math 180 has a prerequisite of Math 121 or Math 150, Math 162 has a prerequisite of Math 150 and Math 123	
• STAT 145: Introduction to Statistics (3)	<i>Students should contact 4 year institution of their choice to check the specific mathematics</i>	

*Note: Math 180 has a prerequisite of Math 121 or Math 150, Math 162 has a prerequisite of Math 150 and Math 123 Students should contact 4 year institution of their choice to check the specific mathematics requirements for the degree program of interest.	requirements for the degree program of interest. Rationale: MATH 120 was removed because it is not considered a college-level math course. The reduced the number of required math credits to the correct general education requirement (3 credits).
Social And Behavioral Sciences (6 Credit Hours)	Social And Behavioral Sciences (6 Credit Hours)
 Select 2 courses from: PSY 105: General Psychology (3) PSY 220: Developmental Psychology (3) SOC 101: Introduction to Sociology (3) ECON 106: Introductory Microeconomics (3) 	 Select any UNM Core Curriculum course in this area. Students should contact 4 year institution of their choice to check any specific requirements in this area for the degree program of interest. Rationale: Students can choose any of the courses in the UNM Core Curriculum in this area, but should check with their intended program for any recommendations in this area.
Humanities (6 Credit Hours)	Humanities (6 Credit Hours)
Select any UNM Core Curriculum course in this area.	Select any UNM Core Curriculum course in this area. Students should contact 4 year institution of their choice to check any specific requirements in this area for the degree program of interest.
	NO change in this text.
	 Foreign Language (3 Credit Hours) Select any UNM Core Curriculum course in this area. Students should contact 4 year institution of their choice to check any specific requirements in this area for the degree program of interest. Rationale: this requirement was moved from the "Technical Core Requirements" section to the "General Education Requirements" section, as this is where it should be included.

	Fine Arts (3 Credit Hours)
	Select any UNM Core Curriculum course in this area.
TOTAL GENERAL EDUCATION REQUIREMENTS (NOT INCLUDING SCIENCE) 24 CREDIT HOURS	Rationale: this requirement was moved from the "Technical Core Requirements" section to the "General Education Requirements" section, as this is where it should be included. TOTAL GENERAL EDUCATION REQUIREMENTS (NOT INCLUDING SCIENCE) 30 CREDIT HOURS Rationale: Changes made to meet the required number of general education credits
Technical Core Requirements	Technical Core Requirements
 PHYSICAL/NATURAL SCIENCES (20 CREDIT HOURS) BIOL 227L: Human Anatomy and Physiology Laboratory I (1)* BIOL 228L: Human Anatomy and Physiology Laboratory II (1)* BIOL 237: Human Anatomy and Physiology I for the Health Sciences (3) BIOL 238: Human Anatomy and Physiology II for the Health Sciences (3) BIOL 238: Human Anatomy and Physiology II for the Health Sciences (3) BIOL 123: Biology for Health Related Sciences and Non-Majors (3) BIOL 124L: Biology for Health Related Sciences and Non-Majors Lab (1) BIOL 201: Molecular and Cell Biology (4) BIOL 202: Genetics (4) BIOL 239L: Microbiology for Health Sciences and Non-Majors (4) CHEM 111L: Elements of General Chemistry (4) CHEM 121: General Chemistry I (3) CHEM 122: General Chemistry II (3) CHEM 124L: General Chemistry II (1) CHEM 124L: General Chemistry II (1) CHEM 124L: General Chemistry II (1) 	Must Include the following 24 credit hours (24 credits):Mathematics and Statistics (4 credit hours) MATH 163: Calculus II (4)Note: MATH 181 may be substituted for MATH 163, but will only be accepted for some bachelor degrees in science (e.g. Biology)Physical and Natural Sciences: (20 Credit hours)CHEM 121/123L: General Chemistry I(3)/General Chemistry I Lab (1)CHEM 122/124L: General Chemistry II (3)/General Chemistry II Lab (1)PHYC 160: General Physics (3)PHYC 160L: General Physics Laboratory (1)PHYC 161L: General Physics (3)PHYC 161L: General Physics Laboratory (1)
 and Biochemistry (4) PHYC 151: General Physics (3) PHYC 151L: General Physics Laboratory 	(1)

 (1)* PHYC 152: General Physics (3) PHYC 1521: General Physics Laboratory 	And an additional 6 credit hours should be selected from (6 credits):
• PHYC 152L: General Physics Laboratory (1)*	Math:
*Note: Lab may be omitted for some of medical programs, check with the advisor.	MATH 264: Calculus III (4)
	Physical and Natural Sciences:
	 BIOL 201: Molecular and Cell Biology (4) BIOL 202: Genetics (4) BIOL 203L: Ecology and Evolution (4) BIOL 204L: Plant and Animal Form and Function (4) CHEM 212: Integrated Organic Chemistry and BioChemistry (4) EPS 101: How the Earth Works-An Introduction to Geology (3) EPS 105L: Physical Geology Laboratory (1) EPS 201L: Earth History (4) ENVS 101: The Blue Planet (3) ENVS 102L: The Blue Planet Laboratory (2) PHYC 167: Problems in General Physics (1) PHYC 168: Problems in General Physics (3) PHYC 262: General Physics (3) PHYC 267: Problems in General Physics (1)
	Rationale: Changes made to meet the required number of credits (60). The Writing and Speaking Technical Core Requirements were moved to the General Education Writing and Speaking requirement. The Humanities Technical Core requirement was moved to fit in with the Humanities general education requirement.
	Rather than having two separate lists of additional courses from which students must choose X number of credits, the lists were combined into one since the lists were identical . The number of credits was edited to reflect the

		requirement that the total number of credits add up to 60.
OTHE	R (19 CREDIT HOURS)	
Course	es selected from:	
Physic	cal/Natural Sciences	
•	BIOL 227L: Human Anatomy and Physiology	
	Laboratory I (1)	
•	BIOL 228L: Human Anatomy and Physiology	
	Laboratory II (1)	
٠	BIOL 123: Biology for Health Related	
	Sciences and Non-Majors (3)	
•	BIOL 124L: Biology for Health Related	
	Sciences and Non-Majors Lab (1)	
•	BIOL 201: Molecular and Cell Biology (4)	
•	BIOL 202: Genetics (4) BIOL 239L: Microbiology for Health Sciences	
•	and Non-Majors (4)	
•	CHEM 111: Elements of General Chemistry	
•	(4)	
•	CHEM 121: General Chemistry I (3)	
•	CHEM 123L: General Chemistry I Laboratory	
	(1)	
•	CHEM 122: General Chemistry II (3)	
٠	CHEM 124L: General Chemistry II (1)	
٠	CHEM 212: Integrated Organic Chemistry	
	and Biochemistry (4)	
٠	PHYC 151: General Physics (3)	
•	PHYC 151L: General Physics Laboratory (1)*	
•	PHYC 152: General Physics (3)	
•	PHYC 152L: General Physics Laboratory (1)*	
Mathe	ematics and Statistics	
•	MATH 121: College Algebra (3) and MATH	
	107: Problems for MATH 121 (1)	
•	MATH 123: Trigonometry (3)	
•	MATH 150: Precalculus (3)	
٠	MATH 180: Elements of Calculus I (3) and	
	MATH 110: Problems for MATH 180 (1)	
٠	MATH 162: Calculus I (4)*	
•	STAT 145: Introduction to Statistics (3)	
٠	MATH 129: A Survey of Mathematics (3)*	

• MATH 181: Elements of Calculus II (3)*

*Note: These courses emphasize critical thinking and problem-solving

Computer Science

• CS 150L: Computing for Business Students (3)

Communication

- CJ 130: Public Speaking (3)
- CJ 221: Interpersonal Communication (3)

Nutrition

- NUTR 244: Human Nutrition (3)
- NUTR 120: Nutrition for Health (3)
- Foreign Language (maximum 3 credit hours)

Select 1 UNM Core Curriculum course in this area

Fine arts (maximum 3 credit hours)

Select 1 UNM Core Curriculum course in this area

Humanities (maximum 3 credit hours)

Select any one from the following if not already counted in your degree

- PHIL 101: Introduction to Philosophy [Introduction to Philosophical Problems] (3)*
- PHIL 102: Current Moral Problems (3)*
- PHIL 156: Reasoning and Critical Thinking (3)*

*Note: These emphasize courses critical thinking and problem-solving

Writing and Speaking (maximum 3 credit hours)

Select any UNM Core Curriculum course in this area not already counted in your degree

Total Technical Core Requirements	Total Technical Core Requirements
39 Credit Hours	30 Credit Hours
TOTAL CREDIT HOURS 63 CREDIT HOURS	TOTAL CREDIT HOURS60 CREDIT HOURSRationale: Minimum credit hours revised to 60.

Memorandum

To: Kay Willerton, Interim Dean of Instruction

From: Dennis Davies-Wilson, Library Director

Date: October 19, 2015

Re: Library support for revisions of AS Program in Pre-Professional Health Sciences Form C

Proposed changes will not impact the library's current level of support for the program.

UNM-Los Alamos Degree Program Change Proposal

Associate of Science in Pre-Professional Health Sciences

The UNM-Los Alamos Curriculum Committee has approved the proposed changes associated with the degree program indicated above.

Junes - Welson 10-30-15 Ison, Chair Date ennis

Dennis Davies-Wilson, Chair