

**DEGREE/PROGRAM CHANGE
FORM C**

Fields marked with * are required

Name of Initiator: Mark Childs

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Date: * 10-06-08

Phone Number: * 505 277-5059

Initiator's Rank / Title* Associate Professor: Sch Arch Planning Gen

Admin

Faculty Contact* Mark C. Childs

Administrative Contact* Sandra Needham

Department* Architecture

Division

Program

Branch

Proposed effective term:

Semester Year

Course Information

Select Appropriate Program CIP Code

Name of New or Existing Program *

Catalog Page Number Select Category Degree Type

Select Action

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

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

[CAT COPY 3rd round.doc](#)

This Change affects other departmental program/branch campuses

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

Reasons for Request As a result of a set of faculty retreats examining (1) changing aspects of professional practice, (2) critical issues in the built environment, and (3) assessment of our teaching practices, we have developed a significant revision to the curriculum for the Bachelors of Arts in Architecture, the two paths in the Master of Architecture, and the post-professional Masters of Science in Architecture (a nomenclature change mandated by our accrediting body, NAAB). We believe this revised curriculum will aid in student learning, credit hour generation, and time to graduation. Please note: 1. We are submitting changes to both the B.A.A. and the M. Arch. as one action. 2. With of this Form C, I am submitting a series of Form As and Bs. 3. We have eliminated existing joint 200/500 level courses. However, we have some 300/500 and 400/500 level courses because our 3.5 year master s path must have substantially the same material as the 4 + 2 path (B.A.A. + M. Arch). 4. We are proposing an early admit process at the end of the junior year. Students admitted at this time would be required to complete the B.A.A. in a timely and acceptable manner. 5. We have completely renumbered courses in order to have a system of numbering that has some meaning. See the attached chart. 6. Attached is a chart of the courses by year

[In response to concerns raised in conversation with Dean Roger Schluntz.doc](#)

[Existing chart\(1\).xls](#)

[SAAP Grad and Professional Committee memo.doc](#)

[ARCH Chart Oct 09.xls](#)

Statements to address budgetary and Faculty Load Implications and Long-range planning * (enter text below or upload a doc/pdf file)

Please see attached charts. This curriculum proposal will not generate any requests for new funds. The attached charts are: (1) Estimated credit hour generation: This chart shows how the proposal generated credit hours, and allows us to understand where increased enrollment and/or enrollment of students from other programs will generate the most credit hour production, (2) a list of "new" (form B) courses and where the instruction for these "new" course will come from in the present curriculum. Essentially the proposed curriculum will have fewer seminar/electives and more required courses. This increased class size offsets the slight increase in required credits for graduation, and makes us slightly more productive in credit hour generation. (3) A comparision of existing v. proposed required courses that shows an increase in 4 credit hours.

[Credit hours Chart May 09.xls](#)

[Analysis of Form Bs 97.xls](#)

[Course amount changes\(1\).xls](#)

In response to concerns raised in conversation with Dean Roger Schluntz, the following modifications have been made to the proposal as of May 15, 2009:

- The course descriptions on all studio courses 300 level and above has been slightly modified to better conform to the 2009 draft NAAB learning objectives while still conforming to current NAAB learning objectives.
- Building, context, and practice/research courses in the undergraduate program have been moved to as late in the program as possible and the order of some of the courses has changed. Thus the numbering on these sequences has changed.
- The number of required credit hours per term has been made as equal as possible per term with the exceptions of (1) the last two terms of the 2 year stream, and (2) the summer term of the 3.5 yr stream which are purposely reduced.
- 522 has been changed so that the 2 and 3.5 year students take the same course.
- Master studio IV which had spanned two terms is split into masters studio IV (evidence-based studio) and masters studio V (comprehensive studio).

Existing

B.A.A.

M.Arch.

	First Year		Second Year		Third Year		Fourth Year		Fifth Year			Sixth Year		BAA 2yr	6
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring			
Studio		Intro	Studio 1	Studio 2	Studio 3	Studio 4	Studio 5	Studio 6	Hist / T	Tech		M	Comm		
former #		101 (3)	201 (4)	202 (4)	301 (6)	302 (6)	402 (6)	404 (6)	501 (6)	502 (6)		598 (6)	503 (6)	35	24 59
Comm.	Draw		Graph 1	Graph 2											
former #	104 (3)		204 (2)	205 (2)										7	0 7
History	Arts 2D		World 1	World 2					Elect				Elect		
former #	Arts (3)		261 (3)	262 (3)					? (3)				? (3)	9	6 15
Bldg.			Const 1		EC 1	Struct 1	Struct 2		Const 2	Stuct	EC 2				
former #			285 (3)		385 (3)	381 (3)	382 (3)		4/585 (3)	581 (3)	587 (3)			12	9 21
Context					Site	HF				Research					
former #					LA 335 (3)	470 (3)				572 (3)				6	3 9
Practice Research												PP			
former #												531 (3)		0	3 3
Elective						3	9	9	0	0		3	5	21	8 29
UNM core	- 12	- 14	3	6	3	0								38	0 38
Total	18	17	15	15	15	15	18	15	12	15		12	14	128	53 181
Pre-admit	BAA admit		2yr admit						Grad review			M. Exam			

3.5 yr							March	
Year 1		Year 2		Year 3		Year 4		
Fall	Spring	Fall	Spring	Fall	Spring	Fall		
Studio	Intro	Intro 2	Grad #	H/T	Tech	Comm	M	
	505I (5)	506I (5)	500 (6)	501 (6)	502 (6)	503 (6)	597 (6)	40
Comm.	Graphics	Graphic 2		0		0		
	505 (2)	506 (2)						4
History	world 1	World 2		Elective	Cont	0	Elective	
	541 (3)	568 (3)		(3)	522 (3)		(3)	15
Bldg.	Const	Struc I	Struc II + EC1	Struct + EC 2	Constuct 2			
	285 (3)	381 (3)	382 (3)/ 385 (3)	581 (3)/ 587 (3)	4/585 (3)			21
Context	Arch Anal	HF			0	0		
	561 (2)	470 (3)						5
Practice	0	0	0	-		Proj Prep	PP	
						0		
						596 (3)	531 (3)	6
Elective	0	0	0	0	3	5		8
Dir. Elec			LA 335					
		0	3	0		0		3
								102
Total	15	16	15	15	15	14	15	105
		Portfolio review		Portfolio review			M. Exam	

Estimated Credit Hours from Arch. Students in Required Courses

F. 2009

Students/year Core: 600 UG: 45 2 yr G: 15 3.5 yr G: 15
Pre App: 100

May-09		B.A.A.							300 M.Arch.					Low	Up	2yr	3yr	Grad	
		First Year		Second Year		Third Year		Fourth Year		Fifth Year		Sixth Year							
		Introduction		Natural Context		Built Context		Realms		X-boundaries		Alt	Focus						
				Land	Urb	Private	Public	Civic	Topics	Techton	Topics	Global	Comp	Masters					
		Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Summer	Fall	Spring					
Studio			Des Fund	studio I	studio II	studio III	studio IV	studio V	studio VI	m stdio I	m stdio II	m stdio III	m stdo IV	m stdo V					
credit hrs			101 (3)	201 (4)	202 (4)	301 (4)	302 (4)	401 (6)	402/502 (6)	601 (6)	602 (6)	603 (6)	604 (6)	605 (6)					
Comm.		Graphics		Comm I	Comm I	Comm II	Comm II												
credit hrs		300	0	211 (2)	211 (2)	311 (2)	311 (2)	0	0	0	0			0					
History		Intro			Mod/Cont	World I	World II				Cont-Urb								
credit hrs		121 (3)	0		221 (3)	321/523	322/524 (3)	0	0		522 (3)		0	0					
Bldg.						Const	Struc I	Struc II	Bldg Sys	Sys Int I	Sys Int II								
credit hrs		0	0	0		331 (3)	332/532 (3)	431/533 (3)	432/534 (3)	631 (3)	632 (3)		0	0					
Context				Sust I			HF+Prog	Sus II	Pol+Cul										
credit hrs		0	0	241 (3)			3/542 (3)	4/541 (3)	442/544 (3)		0		0	0					
Practice Research					0	0	0	Res + Des	Pract		Research		Prof Prac						
credit hrs					0	0	0	451 (3)	452/552 (3)		551 (3)		651 (3)						
Elective							0	0	0	6	0		3	6					
UNM core		M & E	M, P, E																
SA+P		9	13	6	6	3	0												
		2100	300	405	405	540	675	675	675	135	135		135	90	3210	2565	585	1305	1890

Grand Total 9555

409/509 Summer make-up studio

"= Form B"

3.5 yr							March
Year 1	Year 2		Summer	Year 3			
Intro	X-boundar		Focus				
Site/Private City/Public	Civ/Tech	Topics	Global	Comp	Masters		
Fall	Spring	Fall	Spring	Summer	Fall	Spring	
Studio	G studio I 503 (5)	G studio II 504 (5)	G stdo III 505 (5)	M stdo II 602 (6)	M stdo III 603 (6)	M stdo IV 604 (6)	M stdo V 605 (6)
	75	75	75	90	90	90	90
Comm.	G Comm I 515 (2)	G Comm II 516 (2)	G Comm II 517 (2)	0		0	0
	30	30	30				
History	Grad Sem 521 (3)	Cont Urb 522 (3)	World I 331/523 (3)	World II 322/524 (3)			0
	45	45	45	45			
Bldg.	Const 531 (3)	Struc I 3/532 (3)	Struc II 4/533 (3)	Bldg Sys 431/534 (3)	0	Sys Int I 631 (3)	Sys Int II 632 (3)
	45	45	45	45		45	45
Context	Sus+Blt Env 4/541 (3)	HF+Prog 3/542 (3)			0	0	0
	45	45					
Practice	0	0	0	Research 551 (3)	0	Prof P II 651 (3)	0
				45		45	
Elective	0	0	0	0	0	3	6
Dir. Elec		0	LA 556 3	0	Seminar 3		0
					45		
Total	Portfolio review		Portfolio review		M. Exam		

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Required Courses

		Existing			Proposed			Change			
		Pre-p	U grad.	Grad.*	Pre-	U grad.	Grad.*	Pre-	U grad.	Grad.*	
Studios/Communications	courses	2	8	8	2	10	8	0	2	0	
	credits	6	36	48	6	36	48	0	0	0	0
History	courses	1	2	3+2	1	3	2+2	0	1	-1+0	
	credits	3	6	9+6	3	9	6+6	0	3	-3+0	0
Building	courses	0	4	3+4	0	4	2+4	0	0	-1+0	
	credits	0	12	9+12	0	12	6+12	0	0	-3+0	-3
Context	courses	0	2	2+1	0	4	0+2	0	2	-2 + 1	
	credits	0	6	5+3	0	12	0+6	0	6	-5 + 3	1
Practice/Research	courses	0	0	2 +0	0	2	2+0	0	2	0+0	
	credits	0	0	6+0	0	6	6+0	0	6	0+0	6

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* Graduate only courses + shared undergrad. / grad. course

May-09

B.A.A.

M.Arch.

	First Year		Second Year		Third Year		Fourth Year		Fifth Year			Sixth Year		BAA 2yr 6	
	Introduction		Natural Context		Built Context		Realms		X-boundaries		Alt	Focus			
	Fall	Spring	Land	Urb	Private	Public	Civic	Topics	Techton	Topics	Global	Comp	Masters		
Studio		Des Fund 101 (3)	studio I 201 (4)	studio II 202 (4)	studio III 301 (4)	studio IV 302 (4)	studio V 401 (6)	studio VI 402/502 (6)	m studio I 601 (6)	m studio II 602 (6)	m studio III 603 (6)	m stdo IV 604 (6)	m stdo V 605 (6)		
former #		NEW	201 (4)	202 (4)	301 (6)	302 (6)	402 (6)	404 (6)	501 (6)	502 (6)	503 (6)	598 (6)	NEW		
Comm.	Graphics	0	Comm I 211 (2)	Comm I 211 (2)	Comm II 311 (2)	Comm II 311 (2)	0	0	0	0			0		
former #	104 (3)	0	204 (2)	"-"	205 (2)								0		
History	Intro	0		m 221 (3)	World I 321/523	World II 322/524 (3)	0	0		Modern 522 (3)		0	0		
former #	101 (3)				261/541 (3)	262/568(3)				463/563					
Bldg.	0	0	0		Const 331 (3)	Struc I 332/532 (3)	Struc II 431/533 (3)	Bldg Sys 432/534 (3)	Sys Int I 631 (3)	Sys Int II 632 (3)		0	0		
former #					285 (3)	381 (3)	382 (3)	4/581 (3)	4/585 (3)	4/587 (3)					
Context	0	0	Intro Sust 241 (3)			HF+Prog 3/542 (3)	Sus&Blt Env 4/541 (3)	Pol+Cul+Arc 442/544 (3)		0		0	0		
former #			NEW			470 (3)	NEW	NEW							
Practice Research			0	0		0	Res + Des 451 (3)	Pract&theory 452/552 (3)		Research 551 (3)		Prof Prac 651 (3)			
former #							New	New		572 (3)		531 (3)			
Elective					0	0	0		6	0		3	6		
UNM core	<u>M & E</u> 9	<u>M, P, E</u> 13	6	6	3	0									
Total	15	16	15	15	15	15	15	15	15	15		12	12	121	54 175
Pre-admit		BAA admit			Pre admit	2yr grad	2yr admit	Portfolio	Portfolio review			M. Exam			

409/509 Summer make-up studio

"= Form B"

3.5 yr								March
Year 1	Year 2			Summer	Year 3			
Intro	X-boundari			Focus				
Site/Private	City/Public	Civ/Tech	Topics	Global	Comp	Masters		
Fall	Spring	Fall	Spring	Summer	Fall	Spring		
Studio	G studio I 503 (5)	G studio II 504 (5)	G stdo III 505 (5)	M stdo II 602 (6)	M stdo III 603 (6)	M stdo IV 604 (6)	M stdo V 605 (6)	39
	505l (5)	506l (5)	500 (6)	502 (6)	503 (6)	598 (6)	NEW	
Comm.	G Comm I 515 (2)	G Comm II 516 (2)	G Comm III 517 (2)	0		0	0	6
	505 (2)	506 (2)	NEW					
History	Grad Sem 521 (3)	Modern 522 (3)	World I 331/523 (3)	World II 322/524 (3)			0	12
	561 (2)	463/563	262/541	262/568(3)				
Bldg.	Const 531 (3)	Struc I 3/532 (3)	Struc II 4/533 (3)	Bldg Sys 431/534 (3)	0	Sys Int I 631 (3)	Sys Int II 632 (3)	18
	NEW	381 (3)	382 (3)	4/581 (3)		4/585 (3)	4/587 (3)	
Context	Sus+Blt Env 4/541 (3)	HF+Prog 3/542 (3)			0	0	0	6
	NEW	573 (3)						
Practice	0	0	0	Research 551 (3)	0	Prof P II 651 (3)	0	6
				596 (2-3)		531 (3)		
Elective	0	0	0	0	0	3	6	9
Dir. Elec		0	LA 556 3	0	Seminar 3		0	6
								102
Total	16	16	16	15	9	15	15	102
		Portfolio review		Portfolio review			M. Exam	

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Analysis of Form B ("new courses") source of funding

	Course #	Sections	Staffing from
Design Fundamentals	101	4	part time faculty seminars
Intro Sustainability	241	1	existing seminar on sustainability - Iyengar
Sustain & Built Form	3/541	1	\$2000 from grant
Policy/Culture	441/544	1	Teaching load of Director
Research and Design	451	1	Replaces seminar - Anne Taylor
Practice & Theory	452/552	1	from non-core course - written documents
Contemp. and Urban	525	1	From Contemp seminar
Modern & Cont	522	1	From Modern seminar
Construction	531	1	From section of existing construction
Communication G3	517	1	From seminar on digital design - Castillo
Masters Studio V	605	2	From studio sequence. Form B is required because of artifacts of the process.

MEMORANDUM: May 15, 2009

TO: Geraldine Forbes Isais, Director, Architecture Program
Mark Childs, Associate Director, Architecture Program

FROM: Claudia B. Isaac, Chair, SA&P Graduate and Curriculum Committee

RE: Results of your requested review of proposed changes to the Architecture curriculum

CC: Roger Schluntz, Dean, School of Architecture and Planning
Elizabeth Barton, Associate Registrar

Per your May 5 email request, The SAAP Graduate and Curriculum Committee met on May 11 to address the Architecture Program's proposed revision of its undergraduate and graduate curricula. All faculty members of the committee were present (Claudia Isaac, Chair, Eleni Bastea, Alf Simon, and Mark Childs). No student member has been appointed to the committee.

The Committee reviewed its charge, and agreed that there is no historical practice of reviewing curriculum proposals initiated by the School's programs. However, given the circumstances of this proposal, and the fact that the School's by-laws do indicate a role for the Committee in curriculum review, we decided to review the Architecture proposal and forward our assessment to you, copied to the Dean. Since Associate Registrar Elizabeth Barton, has been involved in this review process from its inception, we are also copying our assessment to her.

The Committee reviewed the proposed catalogue language, and discussed proposed changes to existing courses, as well as new proposed courses. The proposed revision involves extensive reorganization of course numbering to ensure a logical pedagogic sequencing that ensures progressive and cumulative student learning; clustering of courses by newly conceived content areas; and development of new courses in sustainability, policy, culture & architecture, and undergraduate research.

Committee members made collegial comments on the content of the revision. Collectively, we agree that the curriculum is clear, cogent, and meets the school's needs for a substantive course of study for undergraduate and graduate students in architecture. We agreed that the proposed curriculum improves clarity in course numbering, sequencing, and required or suggested prerequisites. We agreed that the reorganization of existing courses, along with the addition of new courses, should also enhance architecture students' systematic contextual understanding of architecture beyond preoccupation with the building site. We also felt that the proposed curriculum's reduction in the number of dual numbered courses, and elimination of 200/500 level courses, will significantly enhance both the undergraduate and graduate learning experience.

The Committee's charge regarding curriculum review, however, limits our formal purview as follows:

"The *GPCC* will review, advise, and recommend to the faculty, programs, and/or administration on matters pertaining to programs and curricula that may transcend any single program or impact other programs, including (among other things) ... (p)roposed revisions in the requirements of existing degrees... (and) ... (p)roposals for new courses for the UNM Catalog of possible duplication of objectives – as well as proposals for changes in existing courses; including credit hours, catalog description, and/or title....."

Thus, though the committee felt that the substance of the revisions was fine and worthy of support, we limit our formal *recommendation* to consideration of interdisciplinary elements of the proposed curriculum, and on potential impacts that the revisions may have on other programs. We identified the following potential impacts (positive and potentially challenging):

- 1) There was some concern that the required community engaged studios (Arch 402 (Design Studio VI) for the BAA and Arch 602 (Design Studio II) for M. Arch students) could present challenges for other programs regarding whether or how to participate in the interdisciplinary community studios traditionally taught in the spring semester. This concern was alleviated by the clarification

that Arch 502 “*may* engage community clients and be offered in conjunction with Landscape and CRP studios”, and that though Arch 602 “*will* engage community clients” it only “*may* be offered in conjunction with Landscape and CRP studios”.

- 2) The committee discussed the potential impact of the proposed revisions on on-going discussions between the Architecture and Landscape programs about establishing a graduate dual-degree program. The committee reached the conclusion that these changes would enhance those deliberations in two ways:
 - a. The creation of graduate cohorts in Architecture would mirror the current MLA structure, and so facilitate joint offerings and collaboration; and
 - b. Some of the curricular structures considered by both faculties to be essential to the success of a dual degree are enabled by these Architecture curriculum revisions.
- 3) The replacement of a larger number of elective courses by a smaller number of required courses may increase class sizes, and so may increase competition between programs for larger rooms in George Pearl Hall. After some discussion, the committee agreed that the increased predictability of course offerings and likely class sizes (cohort-based) would allow for earlier planning and communication between programs about room size needs, and so would likely mitigate that concern.
- 4) The architecture faculty representatives on the Committee were asked about potential resource implications of this revision for the other programs in the School. The proposed revisions could reduce the number of students in LA 335, the undergraduate Site and Environment course, funded by the Landscape Architecture Program, since it would no longer be a requirement for BAA students. The Committee felt that the potential administrative and fiscal implications of these changes could be dealt with through deliberations between the relevant Program Directors, and did not necessitate a change in the proposed curriculum.

After a productive and collegial discussion, and a careful consideration of the potential impacts of the proposal on other programs in the School, the SAAP Graduate and Curriculum Committee recommends acceptance and advancement of the Architecture Faculty’s proposed curriculum revisions.