UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 10
ADDENDUM 1, Spring 2014

---REQUIREMENTS---

Faculty Senate Approved April 10, 2014

The requirements listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All changes are underlined. Deletions are crossed out. The column to the far right indicates the date each change becomes effective.

Dept	Proposed	Effective Date
Animal Sciences Add certification requirements to BS in Animal Science option Animal Management	**Animal Management (120 Hours)** A student may certify as an animal sciences major after completion of 24 semester hours, including ANIM SCI 101, and a cumulative gpa of 2.0 or better. At least 40 of the total hours required for the bachelor's degree in this program must be in 300-400-level courses.	**8-14**
Animal Sciences Add certification requirements to BS in Animal Science option Pre-Veterinary Medicine/Science	**Pre-Veterinary Medicine/Science(120 Hours)** A student may certify as an animal sciences major after completion of 24 semester hours, including ANIM SCI 101, and a cumulative gpa of 2.0 or better. At least 40 of the total hours required for the bachelor's degree in this program must be in 300-400-level courses.	**8-14**
Animal Sciences Revise minor in Animal Science.	**Animal Sciences** A minor in Animal Sciences requires a minimum of 16 ~~semester hours of animal science courses,~~ credits of courses with the ANIM_SCI prefix. At least 9 of ~~which~~ the 16 credits must be ~~in 300-400-level work~~ upper-division, taken in residence at WSU or through WSU-approved education abroad or educational exchange courses, and include a minimum of 7 credits from the following list; ANIM_SCI 313, 330, 350, and/or 351. In addition, students may use up to 4 credits of ANIM_SCI 399 or 499. Students must maintain a minimum 2.0 gpa within ANIM_SCI courses to remain certified as an Animal Science minor. ~~Students wishing to declare a minor should consult the department as early as possible to develop an approved schedule of courses.~~ Students may apply for a minor in Animal Sciences once they have certified in a major and completed 60 credit	**8-14**

	hours.	
Design and Construction Revise certification and graduation requirements for Bachelor of Landscape Architecture.	## Landscape Architecture (120 Hours) Accredited by the Landscape Architectural Accreditation Board (LAAB), the Bachelor of Landscape Architecture (BLA) is a professional degree program that provides students with the common body of knowledge related to landscape architecture. The Landscape Architecture Program is based on a concern for human beings and the environment. The program teaches students to create outdoor spaces that support human activities and that positively affect the environment. The BLA curriculum is structured to create unique learning experiences each semester. Broadly speaking, the curriculum emphasizes practical and applied experiential learning, draws from courses across campus, and provides students with opportunities to think critically and integrate diverse bodies of knowledge. The professional course of study is divided into two segments: pre-landscape architecture and the second – fourth year professional landscape architecture program (BLA). Completion of the program leads to the degree of Bachelor of Landscape Architecture and allows the graduate to enter the profession. At least three additional years of professional experience and successful completion of the landscape architectural license examination (LARE) are necessary for registration as a licensed landscape architect in most states. Pre-landscape architecture (pre-LA) is a one-year, non-degree course of study that is intended to prepare undergraduate students for the advanced professional curriculum. The pre-LA curriculum concentrates on University Common Requirements (UCORE) and basic professional courses. UCORE courses should be selected with the assistance of a landscape architecture advisor. Transfer students who have not completed the equivalent of the pre-LA course work will be accepted directly into pre-LA. **Certification Requirements** Students must submit a certification application in the spring semester of their first year. Application forms and instructions are available in the	**8-14**

School of Design and Construction main office and on the web site: http://sdc.wsu.edu. Due to limitations of space, faculty, and budget, admission is limited and based on academic performance.

~~To be admitted to the major of landscape architecture, a student should have~~ Certification requirements include completion of ~~completed~~ at least 24 semester hours and the pre-LA curriculum. ~~Students must submit a certification application in the spring semester of their first year. Application forms and instructions are available in the School of Design and Construction main office and on the web site: sdc.wsu.edu. Due to limitations of space, faculty, and budget, admission can be granted to only the most qualified students based on experience, demonstrated abilities, motivation, and academic performance.~~ The following three courses (or approved equivalents) must be completed with a grade of C or better ~~for students to be admitted into the professional program:~~ SDC 100, SDC 120 and SDC 140. Additional required courses ~~required for certification~~ are HISTORY 105, ENGLISH 101, MATH 105 (or higher), COM 102 or H D 205, and one fine arts course (FINE ART 101, 201 or 202). A minimum 2.5 WSU cumulative gpa is required to apply for certification. Students' overall WSU gpa and major specific gpa from the courses listed above are considered in the application process.

Professional Program Requirements (BLA)

Students must earn a C or better grade in all courses required for the landscape architecture professional program. At the end of their program of study, all students must submit a digital portfolio of creative works and present their portfolio at an off-campus, program-organized review to graduate. Second and fourth-year students will be required to participate in an off-campus study tour during the fall semester.

Transfer students who have completed the equivalent of the pre-LA curriculum may apply to the professional program by submitting a portfolio and academic transcripts for consideration. Contact the landscape architecture program for portfolio requirements.

All students admitted into the second year will be required to purchase a laptop computer. Details and specifications can be found on the school website: http://sdc.wsu.edu.

First Year

First Term	*Hours*
BIOLOGY 120 [BSCI][1]	4
HISTORY 105 [ROOT]	3
MATH 105 or higher [QUAN]	3
SDC 100	3
SDC 120	3
Second Term	*Hours*
COM 102 [COMM] or H D 205 [COMM]	3
Creative & Professional Arts [ARTS][2]	3
ENGLISH 101 [WRTG]	3
GEOLOGY 101 [PSCI]	4
SDC 140	3
Apply for Certification	
Second Year	
First Term	*Hours*
HORT 231	3
LND ARCH 102	3
LND ARCH 222	1
LND ARCH 262	3
SDC 250	3
Social Sciences [SSCI]	3
Second Term	*Hours*
HORT 232	3
LND ARCH 263	3
LND ARCH 365	4
SDC 350 [M]	3
SOIL SCI 201	3
Complete Writing Portfolio	
Third Year	
First Term	*Hours*
HORT 499	1
LND ARCH 327	3
LND ARCH 362	4
LND ARCH 366	4
LND ARCH 467	4
Second Term	*Hours*
~~Ecology Requirement~~LND ARCH 380[3]	3
HORT 331	3
Humanities [HUM][2]	3

	LND ARCH 363	4
	LND ARCH 367	3
	Fourth Year	
	First Term	*Hours*
	LND ARCH 450 [M]	3
	LND ARCH 470	4
	LND ARCH 475	2
	SDC 444	1
	Electives	2
	Second Term	*Hours*
	Diversity [DIVR]	3
	Integrative Capstone [CAPS]	3
	LND ARCH 480	2
	LND ARCH 485 [M]	4
	Complete Digital Portfolio	
	Footnotes	
	[1] If BIOLOGY 120 is not taken in Fall, BIOLOGY 106 can be substituted in the Spring.	
	[2] ~~See advisor for list of approved courses.~~Choose one: FINE ART 101, 201 or 202.	
	[3] If LND ARCH 380 is not available, may use BIOLOGY 372, 462, NATRS 300, 454, or 464.	
Engineering and Computer Science WSU-Vancouver Revise graduation requirements for BS in Mechanical Engineering	**Bachelor of Science, Mechanical Engineering Requirements (Vancouver Only)(121 Hours)**	**8-14**
	Third Year	
	First Term	*Hours*
	<u>ENGLISH 402 [WRTG]</u>	<u>3</u>
	MECH 301	3
	MECH 303	3
	MECH 304	3
	MECH 309 <u>[M]</u>	3
	~~MECH 314 [M]~~	~~3~~
	Second Term	*Hours*
	~~ENGLISH 402 [WRTG]~~	~~3~~
	MECH 310	4
	<u>MECH 314</u> ~~[M]~~	<u>3</u>
	MECH 348	3
	MECH 404	3
	400-level MECH Option Course[1]	3

| Environment
Revise minor in
Environmental Science | **Environmental Science**

A minor in Environmental Science ~~may be certified after the completion of 90 semester credit hours. The minor~~ requires <u>a minimum of</u> ~~18~~ <u>16</u> credit hours~~,~~ <u>.</u> ~~including~~ <u>Students must complete</u> ENVR SCI 101~~,~~ <u>and</u> ENVR SCI 444<u>(8 credits) and a minimum of 8</u>~~. An~~ additional ~~10~~ credit hours ~~may be~~ selected from ~~the following classes:~~ ENVR SCI 250, 275, 285, ~~310,~~ 335, 463, 490<u>,</u> ~~;~~ GEOLOGY 230, 303, 315~~,~~<u>;</u> NATRS 300, 312, 483, 450,~~or~~ 454<u>, or any advisor approved elective</u>. Of these ~~18~~ <u>16</u> credit hours, 9 hours must be in upper-division work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. ~~Courses taken to meet the minor requirements cannot be taken on a pass/fail basis.~~ <u>This minor is not open to students majoring in Wildlife Ecology and Conservation Sciences or in Environmental and Ecosystem Sciences.</u> | **8-14** |
| Interior Design
Revise certification and
graduation requirements
in BA in Interior Design | **Interior Design (120 Hours)**

The interior design program offers a balanced exposure to art, architecture, and humanities. All studio projects are informed by relevant theoretical frameworks in order to advance design solutions. Students are required to complete one of three options during the fall of the fourth year: internship, study abroad, or community studio. <u>Second and t</u>~~T~~hird-year students will be required to participate in an off-campus study tour during the fall semester.

Students ~~are required to~~ <u>must</u> earn a C or better <u>grade</u> in all courses required for the degree of Bachelor of Arts in Interior Design. <u>At the end of their program of study, a</u>~~A~~ll students must <u>submit a digital portfolio of creative work and</u> present their portfolio ~~of creative work~~ at an off-campus<u>, program-organized</u> review to graduate.

Certification Requirements

Students ~~wishing to certify into the Bachelor of Arts in Interior Design program~~ must <u>submit a</u> ~~apply for~~ certification <u>application</u> ~~during~~ <u>in</u> the spring semester of their first year ~~in the program~~. <u>Application forms and instructions are available in the School of Design and Construction main office and on the school web site: http://sdc.wsu.edu. Due to limitations of space, faculty, and budget, admission is limited and based on academic performance.</u>

Certification requirements include completion of at <u>least</u> ~~minimum of~~ 24 semester hours and <u>the following pre-certified I_D curriculum. The following three courses (or approved equivalents) must be completed with</u> | **8-14** |

a grade of ~~earning a~~ C or better ~~grade in the following required courses~~: SDC 100, SDC 120, and SDC 140. Additional required courses are HISTORY 105, MATH 105 (or higher), ENGLISH 101, COM 102 or H D 205, and one fine arts class (FINE ART 101, 201, or 202). A minimum 2.5 WSU cumulative gpa is required to apply for certification. Students' overall WSU gpa and major specific gpa from the courses listed above are considered in the application process. ~~Transfer equivalents may be approved by the program. While students must have a minimum cumulative WSU gpa of 2.5 to apply for certification, the process is competitive due to limited space in upper division courses. Students' overall WSU gpa and major specific gpa from the courses listed above are considered.~~

Students wishing to transfer from another institution into the second, third, or fourth year of interior design must submit a portfolio and academic transcripts for consideration. Contact the interior design program for portfolio requirements.

All students admitted into the second year will be required to purchase laptop computers. Details and specifications can be found on the school website: http://sdc.wsu.edu.

First Year

First Term	*Hours*
HISTORY 105 [ROOT]	3
MATH 105 or higher [QUAN]	3
SDC 100	3
SDC 120	3
Social Sciences [SSCI][1]	3

Second Term	*Hours*
COM 102 [COMM] or H D 205 [COMM]	3
Creative & Professional Arts [ARTS][2]	3
ENGLISH 101 [WRTG]	3
Physical Sciences [PSCI] or SCIENCE 102 [SCI]	4
SDC 140	3
Apply for Certification	

Second Year

First Term	*Hours*
Biological Sciences [BSCI] or SCIENCE 101 [SCI]	3
I D 197	3
I D 201	4
I D 205	3
I D 277	1

SDC 250		3
Second Term		*Hours*
Humanities [HUM][2]		3
I D 203		4
I D 215		3
I D 297		3
SDC 350 [M]		3
Complete Writing Portfolio		

Third Year

First Term		*Hours*
ARCH 472		3
DESIGN 397		3
I D 321		4
I D 325		3
SDC 444		1
Second Term		*Hours*
Diversity [DIVR]		3
I D 333		4
I D 392 [M]		3
I D 415		3
Supportive Electives[3]		3

Fourth Year

First Term		*Hours*
I D 425 or 490		5
Supportive Electives [3]		9
Second Term		*Hours*
I D 426		5
I D 460		3
Integrative Capstone [CAPS]		3
Elective		1
Portfolio Review		

Footnotes

[1] SOC 101 or PSYCH 105 is suggested.

[2] ~~See advisor for a list of approved courses.~~ Choose one: FINE ART 101, 201 or 202.

[3] Supportive electives as listed or approved by faculty advisor; transfer interior design hours as approved by the department: FINE ART 201, 202 (if not used as a certification course); ~~ARCH 220, 409, 492;~~ SOC 343, 350, 351; I D 278, 279, 305, 490 (if not used to fulfill a requirement in program of study), 498~~, 499~~; upper division ARCH, LND ARCH, and CST M courses.

Mechanical and Materials Engineering Revise graduation requirements for BS in Material Science and Engineering.	**Materials Science and Engineering(120 Hours)** Certification Requirements: Certification into the Bachelor of Science program in Materials Science and Engineering is limited to 21 students per entering class. Students who have completed at least 30 semester hours of graded course work with an overall minimum 2.0 gpa and who have completed the following courses with a minimum grade of 2.0 C or better in in each course: CHEM 105, CHEM 106, ENGLISH 101, MATH 171, 172, and PHYSICS 201 or their equivalents are eligible. When it becomes necessary to limit enrollment, the overall gpa as well as the gpa for the prerequisite courses listed above, will be important factors. Students need to submit an application for certification to the Undergraduate Students Services office, Sloan 205 or electronically to newcoug@mme.wsu.edu. The application deadline is the Monday after finals week in December and May for the fall and the spring semesters respectively. For additional details, contact the school's office of student services. **Fourth Year** | *First Term*	*Hours*
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ME 416 [CAPS]	3
MSE 413	3
MSE 425 [M]	3
Engineering and Science Elective[1]	3 | | *Second Term*	*Hours*
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ENGLISH 402 [WRTG]	3
MSE Elective[2]	3
Technical Elective[3]	3
Engineering and Science Elective[1]	3
Complete Fundamentals of Engineering Exam			**8-14**
Mechanical and Materials Engineering Revise graduation requirements in BS in Mechanical Engineering	**Mechanical Engineering(125 Hours)** | ME 404	3
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Diversity [DIVR]	3
ME 401	3
ME 402	3
ME 414	3
Technical Elective[1]	3 | | Second Term	Hours
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ENGLISH 402 [WRTG]	3
ME 406 [M]	3
ME 416 [CAPS]	3
Technical Elective[1]	3		**8-14**

| | Complete Fundamentals of Engineering Exam | |

Footnotes

[1] Technical Elective: ME 431, 436, 439, or as approved by advisor ~~in ME or MSE~~. (MSE 440 excluded).