UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 2 Fall 2015

--REQUIREMENTS—

Faculty Senate Approved November 5, 2015

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	Correction: UPMCB 11 Spring 2015		8-15
Correction of Bachelor	Only two ANIM SCI Group 1 elective courses needed.		
of Science in animal Sciences – Animal	Animal Management (120 Hours)		
Management	Second Year		
	Second Term	Hours	
	ANIM SCI Group 1 Elective ³	3	
	Business and Economics Course ⁴	3	
	ECONS 101 [SSCI]	3	
	Humanities [HUM]	3	
	STAT 212 [QUAN], 412, or PSYCH 311 [QUAN] ⁵	3 or 4	
	Electives	<u>3</u>	
	Complete Writing Portfolio		
	Third Year		
	First Term	Hours	
	ANIM SCI 313	4	
	ANIM SCI 330	3	
	ANIM SCI 380	1	
	ANIM SCI 399 or 499	1	
	ANIM SCI Group 1 Elective ³	2 or 3	
	Business and Economics Course ⁴	3	
	Second Term	Hours	
	ANIM SCI 350	3	
	ANIM SCI 351	1	
	ANIM SCI Group 1 Elective ³	3	
	Diversity [DIVR]	3	
	ENGLISH 301 or 402	3	
	VET CLIN 361, 367, or VET PH 308	3 or 4	
	Fourth Year		
	First Term	Hours	
	Ag Sciences Elective ⁶	3	
	ANIM SCI 464 [CAPS] [M] or 472 [M] ⁷	3	
	ANIM SCI Group 2 Electives ⁸	6	

Electives	5
Second Term Hours	r
ANIM SCI Group 2 Electives ⁸	5
Integrative Capstone [CAPS]	3
Electives 7 or 8	5
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Footnotes ³ Approved ANIM SCI Group 1 Electives include (Two courses): ANIM	
Bioengineering, General Option (120 Hours)	8-16
Students who plan to pursue pre-med studies should consult their advisor for further information about appropriate courses.	
 (June and January) to be certified into the Bioengineering program. 2) Each student will be considered for certification during the semester after she/he has completed all of the following courses: MATH 171, MATH 172, CHEM 105, CHEM 106, BIOLOGY 107, PHYSICS 201, CHE 201. 3) To be certified, each student must meet the following minimum standards: a. 2.0 cumulative GPA. b. A "C" grade or better in each of the courses listed in 2) above. c. Complete at least one term of coursework at WSU as a full-time student. d. Students must be in good academic standing (semester GPA 2.00 or higher) at the time they are being considered for certification. 4) Certification decisions will be made at the end of Fall and Spring semesters, and those being certified at the end of Fall and Spring semester will be notified by January 15. 5) If the number of students seeking certification exceeds the program capacity, as determined in 1) above, additional criteria will be used to select those who are certified. Those criteria include: (a) average GPA 	
 engineering/math/science courses which have already been completed; and (c) the GPA earned during the previous semester. 6) Students who have completed all the courses listed in 2) above, but who are not certified will be notified of the decision according to the time table described in 4) above. Such students who are not certified may appeal the decision. This appeal should describe any special circumstances which should be considered. A faculty committee will consider the appeal, the special circumstances described, and trends in the grades (e.g. trends in grades and/or withdrawals, typical course load attempted and typical course load completed) and make a final decision regarding certification. The appeal must be submitted within 2 weeks of the notification described in 4) 	2
	Second Term Hours ANIM SCI Group 2 Electives ⁸ 6 Integrative Capstone [CAPS] 3 Electives 7 or 8 Footnotes 3 ³ Approved ANIM SCI Group 1 Electives include (Two courses): ANIM SCI 260, 274, 285, 314, 345, 346, 360, and other courses as approved by advisor. Bioengineering, General Option (120 Hours) Students who plan to pursue pre-med studies should consult their advisor for further information about appropriate courses. Criteria for Certification – Bioengineering Program 1) In March of each year, the faculty of the School of Chemical Engineering and Bioengineering will establish the total number of students (June and January) to be certified into the Bioengineering program. 2) Each student will be considered for certification during the semester after she/he has completed all of the following courses: MATH 171, MATH 172, CHEM 105, CHEM 106, BIOLOGY 107, PHYSICS 201, CHE 201. 3) To be certified, each student must meet the following minimum standards: a. 2.0 cumulative GPA. b. A "C" grade or better in each of the courses listed in 2) above. c. Complete at least one term of coursework at WSU as a full-time student. d. Students must be in good academic standing (semester GPA 2.00 or higher) at the time they are being certified at the end of Fall and Spring semesters, and those being certified at the end of Fall and Spring semester will be notified by Junu 1. while those being certified at the end of Fall and Spring semester will be notified by Ju

	 7) Students who are deficient under the University's Educational Policies and Procedures are subject to decertification. Recertification will be granted only under rare, extenuating conditions. 8) Students are allowed a maximum total of one repeat among all required BIO ENG courses. 	
Chemical Engineering and Bioengineering Add certification requirements for Bachelor of Science in Bioengineering – Pre- Med Option	 Bioengineering, Pre-Med Option (127 Hours) Students who plan to pursue pre-med studies should consult their advisor for further information about appropriate courses. Criteria for Certification – Bioengineering Program In March of each year, the faculty of the School of Chemical Engineering and Bioengineering will establish the total number of students (June and January) to be certified into the Bioengineering program. Each student will be considered for certification during the semester after she/he has completed all of the following courses: MATH 171, MATH 172, CHEM 105, CHEM 106, BIOLOGY 107, PHYSICS 201, CHE 201. To be certified, each student must meet the following minimum standards: a. 2.0 cumulative GPA. A. "C" grade or better in each of the courses listed in 2) above. Complete at least one term of coursework at WSU as a full-time student. Students must be in good academic standing (Semester GPA 2.00 or higher) at the time they are being considered for certification. Critification decisions will be made at the end of Fall and Spring semesters, and those being certified at the end of Fall and Spring semesters, and those being certification exceeds the program capacity, as determined in 1) above, additional criteria will be used to select those who are certified. Those criteria include: (a) average GPA received in the courses listed in 2) above; (b) average GPA seceived in the courses listed in 2) above, but who are not certified will be notified by an are provious semester. Students who have completed all the courses listed in 2) above, but who are not certified will be notified of the decision according to the time table described in 4) above. Such students who are not certified may appeal the decision. This appeal should describe any special circumstances which should be considered. A faculty committee will consider the appeal, the special circumstances described, and trends in regarding	8-16

Critical Culture,	Women's Studies (120 Hours)		8-1
Gender, & Race Studies	First Year		
Revise graduation	First Term	Hours	
requirements for	CES 201	3	
Bachelor of Arts in Women's Studies	ENGLISH 101 [WRTG]	3	
	Social Sciences [SSCI]	3	
	Electives	4	
	Second Term	Hours	
	Biological Sciences [BSCI] with lab or SCIENCE 101 [SCI] ¹	4	
	Creative & Professional Arts [ARTS]	<u>3</u>	
	HISTORY 105 [ROOT]	3	
	Quantitative Reasoning [QUAN]	3 or 4	
	WOMEN ST 201	3	
	WOMEN ST Elective ²	3	
	Second Year		
	First Term	Hours	
	Biological Sciences [BSCI] with lab or SCIENCE 101 [SCI] ¹	<u>4</u>	
	Communication [COMM] or Written Communication [WRTG]	3	
	Foreign Language and/or Electives	3 or 4	
	Humanities [HUM]	3	
	Physical Sciences [PSCI] with lab or SCIENCE 102 [SCI] ¹	4	
	WOMEN ST Elective ²	3	
	Second Term	Hours	
	Physical Sciences [PSCI] with lab or SCIENCE 102 [SCI] ¹	<u>4</u>	
	Creative & Professional Arts [ARTS]	3	
	Diversity [DIVR]	3	
	Foreign Language and/or Electives	3 or 4	
	<u>300-400-level</u> WOMEN ST Electives ²	3	
	WOMEN ST Sub-core ³	3	
	Complete Writing Portfolio		
	Third Year		
	First Term	Hours	
	300-400-level WOMEN ST Elective ²	3	
	Creative & Professional Arts [ARTS], Humanities [HUM], or Social Sciences [SSCI]	3	
	WOMEN ST 300 [M]	3	
	WOMEN ST Sub-core ³	3	
	Electives	3	
	Second Term	Hours	
	300-400-level WOMEN ST Elective ²	<i>110011</i> 5	
	WOMEN ST [M] Course	3	
	300-400 level Electives	9	
	Fourth Year	,	

	First Term Hours	
	$300-400-\text{level WOMEN ST Elective}^2$	
	300-400-level Electives 6	
	Electives 6	
	Second Term Hours	
	WOMEN ST 489 [CAPS] 3	
	300-400-level Electives 9	
	Electives 3	
	Footnotes	
	¹ To meet University and College of Arts and Sciences requirements, students must take a [BSCI] course with lab and [PSCI] course with lab or SCIENCE 101 [SCI] and SCIENCE 102 [SCI]. SCIENCE 101 [SCI] is offered Fall semester and is a prerequisite for SCIENCE 102 [SCI]. SCIENCE 102 [SCI] is offered Spring semester.	
	 ² Of the six WOMEN ST elective courses, four electives must be WOMEN ST courses; one must be a CES course; cross-listed courses between CES and WOMEN ST may count as either. Any unused sub-core courses may fulfill electives. Four courses must be at the 300-400-level. WOMEN ST Electives are: AMER ST 475; CES 111, 131, 151, 171, 209, 220, 240, 244, 254, 255, 260, 271, 280, 301 [M], 308 [M], 313, 314 [M], 325, 331, 332 [M], 335, 336, 338, 353 [M], 357, 358 [M], 373 [M], 379, 380, 405, 406, 407, 413, 426, 440, 444, 446, 465, 470, 491 [M]; CES/WOMEN ST 372; CES/WOMEN ST 411; CES/WOMEN ST 454; WOMEN ST 211, 220, 308 [M], 309, 310 [M], 317, 332, 336, 338, 340, 363, 403, 406, 460, 464, 481 [M], 484, and 485 [M]; WOMEN ST/CES 120; WOMEN ST 302/CES 305; WOMEN ST 369/CES 309. 	
	³ WOMEN ST Sub-core courses are (6 credits): WOMEN ST 332, 369, 406, 481 [M], and WOMEN ST 484 or 485 [M]. WOMEN ST Subcore and Electives must include coursework to meet University requirement of 2 [M] courses.	
Hospitality Business	Wine Business Management	8-16
Management	To be eligible to certify in the wine business management minor, students	
New minor in Wine	must be certified in a major, have completed 60 credits and have a	
Business Management	cumulative GPA of 2.5. Completion of minor requires an overall GPA of at	
	least a 2.5 in the required courses. The required courses are ACCTG 230;	
	COMSTRAT 312 or COMSTRAT 380 or MKTG 477; FRENCH 420;	
	MKTG 360; HBM 350; ENTRP 490 or FSHN 422. Nine hours must be	
	300-400 level courses taken in residence at WSU or though WSU-approved	
	education abroad or educational exchange courses. Up to 6 hours may be transferred from another institution.	
	In addition, students must complete 400 hours of internship/industry	
	experience to earn the minor. In order for hours to count for the	
	requirement, they must meet the following criteria:	
	1. Hours must be worked after high-school graduation;	
	2. All hours must be documented as paid;	
	3. Hours must be worked at a company whose primary source of	
	revenue is derived from hospitality services; and The amplever evolution for the hours must reflect an average of	
	4. The employer evaluation for the hours must reflect an average of 80% across the ratings criteria on the form.	
Mechanical and	Materials Science and Engineering (120 Hours)	8-16
Materials	Certification Requirements:	
Engineering		
Revise Certification	Certification into the Bachelor of Science program in Materials Science	

Mechanical and Materials E ngineering Revise Certification	Mechanical Engineering (125 Hours) Criteria for Certification – Mechanical Engineering Program	8-16
	 <u>Students who are deficient under the University's Academic</u> <u>Regulations are subject to decertification. The undergraduate studies</u> <u>committee will determine the eligibility and probation conditions for</u> <u>decertified students who will be permitted to apply for recertification.</u> <u>Any further questions should be addressed to the Undergraduate</u> <u>Student Services office located in Sloan 205 or</u> <u>newcoug@mme.wsu.edu.</u> 	
	4. The applicants will be ranked based on the average GPA of the math, science, and engineering courses completed. For those who are borderline, the semester and cumulative GPA will be considered and used as a reference. In addition to GPA, other factors may also be taken into consideration, such as the number of math science, and engineering courses taken at WSU. The committee has the authority to weigh these factors in its decision for certification.	
	 Students need to submit an application for certification to the Undergraduate Student 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 spring semester respectively. 	
	2. Students should apply for certification in the semester after they have completed the following five courses: MATH 171, MATH 172, CHEM 105, CHEM 106, and PHYSICS 201. Students must have a minimum 2.5 cumulative GPA and a C or better grade for each of the five courses listed above to be considered for certification. Transfer students who meet the aforementioned minimum requirements may apply during their first semester at WSU, but no decision will be made until the end of the semester when the final grades become available.	
	 <u>Criteria for Certification – Materials Science and Engineering Program</u> <u>The School for Mechanical and Materials Engineering will establish</u> <u>the total number of students to be certified into the Materials Science</u> <u>and Engineering program.</u> 	
	Students need to submit an application for certification to the Undergraduate Students Services office, Sloan 205 or electronically to <u>newcoug@mme.wsu.edu</u> . 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.	
	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.	
Bachelor of Science in Materials Science and Engineering	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 C or better in each course: CHEM 105, CHEM 106, ENGLISH 101, MATH 171, 172, and PHYSICS 201 or their	

Mechanical and Materials Engineering Revise minor in	Materials Science and Engineering A minor in materials science and engineering requires 16 credits which must include ME 220 and MSE 201. An additional 12 credits must be	8-10
	Student Services Office in Sloan 205 or <u>newcoug@mme.wsu.edu</u> . *The cutoff GPA fluctuates each semester depending on the number of applicants. Contact the department for details.	
	 Students who are deficient under the University's Educational Policies and Procedures <u>Academic Regulations</u> are subject to decertification. The undergraduate studies committee will determine the eligibility and probation conditions for decertified students who will be permitted to apply for recertification. Any further questions should be addressed to the <u>Undergraduate</u> 	
	6. The certification is only valid for the current resident campus. Should a student decide to change campus after certification, they will need to reapply for certification for the campus to which they will transfer.	
	5. The applicants will be ranked based on the GPA of the math, science, and engineering courses completed. For those who are borderline, the semester and cumulative GPA will be considered and used as a reference. In addition to GPA, other factors may also be taken into consideration, such as the number of math, science, and engineering courses taken at WSU. The committee has the authority to weigh these factors in its decision for certification.	
	 Students need to submit an application for certification to the Undergraduate Student Services office, Sloan 205 or electronically to <u>newcoug@mme.wsu.edu</u>. The application deadline is the Monday after finals week in December and May for the fall and the spring semester respectively. 	
	3. <u>Transfer students who have completed or are about to complete</u> <u>MATH 220, MATH 273, MATH 315, CHEM 106, PHYSICS 202,</u> <u>ME 212, CE 215, and computer programming before starting at WSU,</u> <u>and have at least a 3.2 average GPA for the math, science, and</u> <u>engineering courses completed can be certified at the time of</u> <u>admission.</u>	
Engineering	2. Students should apply for certification in the semester after they have completed the following five courses: MATH 171, MATH 172, CHEM 105, PHYSICS 201, and CE 211. Students must have a minimum cumulative GPA of 2.5 and a C or better grade for each of the five courses listed above to be considered for certification. Transfer students who meet the aforementioned minimum requirements may apply during their first semester at WSU, but no decision will be made until the end of the semester when the final grades become available. Exception to this residence requirement is described in item 3. Note that the actual cutoff grade point based on the ranking (see item 4) is usually higher than 2.5 [*] .	
requirements for Bachelor of Science in Mechanical Engineering	 The School of Mechanical and Materials Engineering will establish the total number of students to be certified into the Mechanical Engineering program. 	

Materials Science and Engineering	chosen from MSE 302, <u>316, 321, 401, 402, 403, 404, 406, 413, M</u> ME 311, or E E 496. 9 hours of upper-division work must be take residence at WSU or through WSU-approved education abroad or educational exchange courses.	en in	
Psychology	Psychology - Bachelor of Science (120 Hours)		8-16
Revise graduation requirements for Bachelor of Science in Psychology	The Bachelor of Science in Psychology requires a minimum of 30 hours in PSYCH, at least 15 hours of which must be in 300-400-le courses. Students must take at least 10 credit hours of psychology residence at WSU and must maintain at least a C average in PSYC courses. Students must have two years of one foreign language in school or take one year in college of a modern foreign language b graduation. Beyond certain minimum requirements there is flexib degree program, in accordance with the needs of the individual structure student may certify as a BS major after completion of 30 semester PSYCH 311 with a C- or better, and cumulative GPA of 2.5 or be	evel 7 in CH high before ility in the udent. A r hours,	
	For the BS degree in Psychology, the four learning goals are: (1) will understand basic research design and analysis; (2) Students we able to describe societal influences on individual behavior, and the display an understanding of the cultural relativism inherent in definition what is normal and abnormal behavior; (3) Students will be able to critically evaluate scientific studies; (4) Students will demonstrate proficiency in the written communication of psychological conception.	vill be ey will ining o	
	First Year		
	First Term	Hours	
	BIOLOGY 101 [BSCI] and 105, or BIOLOGY 102 [BSCI], 106 [BSCI], or 107 [BSCI]	4	
	Diversity [DIVR]	3	
	ENGLISH 101 [WRTG]	3	
	PSYCH 105 [SSCI]	3	
	Second Term	Hours	
	Communication [COMM] or Written Communication [WRTG]	3	
	HISTORY 105 [ROOT]	3	
	Humanities [HUM]	3	
	Quantitative Reasoning [QUAN]	3 or 4	
	Foreign Language or Electives	3 or 4	
	Second Year		
	First Term	Hours	
	Creative & Professional Arts [ARTS]	3	
	Physical Sciences [PSCI] with lab	4	
	Foreign Language and/or Electives	8 <u>5</u>	
	<u>PSYCH 210</u>	<u>3</u>	
	Second Term	Hours	
	Creative & Professional Arts [ARTS], Humanities [HUM], or Social Sciences [SSCI]	3	
	PSYCH 311	4	

Electives	
Complete Writing Portfolio	
Third Year	
First Term	Нош
Group I PSYCH Elective ⁴	
Group II PSYCH Elective ⁴	
Focus Area PSYCH Elective ¹	
PSYCH 312 [M]	
Electives	6
Second Term	Нош
Group I PSYCH Elective ¹	
Group II PSYCH Elective ¹	
Focus Area PSYCH Elective ¹	
300-400-level Non-PSYCH-Electives	1
Fourth Year	
First Term	Hou
Group I PSYCH Elective ⁴	
Focus Area PSYCH Elective ¹	
Integrative Capstone [CAPS]	
PSYCH [M] Course ²	
300-400-level Non-PSYCH Electives	7
Second Term	Hou
Non-PSYCH Electives	1
Complete Psychology Exit Interview a	and Survey
Footnotes	
¹ The PSYCH courses listed above unc	ler Groups I and II are
recommended for that semester. Som	e are only offered in the fall or in
the spring. Group I Fall: PSYCH 350	
491; and Group I Spring: PSYCH 35 Group II Fall: PSYCH 321, 324, 333	
Group II Fall: PS YCH 321, 324, 333 Spring: PSYCH 321, 324, 333, 361, 3	
Area Electives: 21 credits required.	
courses from each of the following an	
Neuroscience/Cognition: PSYCH 26	
Social/Motivational PSYCH 230, 30	
403, 466, 470; 3)Clinical/Counseling	PSYCH 110, 320, 324, 333, 342
361, 363, 440, 442, 444, 464, 468.	
include DEVCH 201 401 412 445	480,495, 496, 497, 498, Note that
many courses require pre-requisites a	
	lvisor for additional information.