Approved by Faculty Senate 4/1/2010

UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 7 Spring 2010

---REQUIREMENTS----

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 curricula are printed in their entirety under the headings Current and Proposed, respectively. The column to the far right indicates the date each change becomes effective.

Heading	Current			Proposed			Effective Date
Agricultural & Food Systems, revise graduation requirements in Agricultural & Food Business Economics	Electives9Second TermHoursAFS 4013FeenS 450 [M] or 4533			Fourth Year First Term EconS 452 [M] Tier III [T] (GER)3 Electives Second Term AFS 401 EconS 450 [M] or 453 EconS 451 (AFS Core Systems Elective) Electives			8-10
Civil & Environmental Engineering, revise graduation requirements in Civil Engineering	Second Year First Term C E 2111 ComSt 102 [C], ComSt 23 H D 205 [C] (GER) E E 221 Intercultural Studies [I,G,F Math 273 Phys 201 [P] (GER) Second Term C E 215 Chem 106 [P], Geol 102 [I Phys 202 [P] (GER) ² Cst M 254 M E 212 M E 220 Math 315 Complete Writing Portfoli Third Year	K] (GER) P], or	2	Second Year First Term C E 2111 ComSt 102 [C], ComSt 23 or H D 205 [C] (GER) E E 221 Intercultural Studies [I,G,I (GER) Math 273 Phys 201 [P] (GER) Second Term C E 215 Chem 106 [P], Geol 102 [Phys 202 [P] (GER) ² <u>Arts & Humanities [H,G]</u> M E 212 M E 220 Math 315 Complete Writing Portfoli	K] P], or (<u>GER)</u>	Hours 3 3 2 3 2 4 Hours 3 4 <u>3</u> 1 3	8-10

	First Term	Hours			
	C E 301	4	Third Year		
	C E 315	3	First Term	Hours	
	C E 317 [M]	3	C E <u>302</u>	<u>2</u>	
	C E 330	3	C E 315	3	
	C E 341	3	C E 317 [M]	3	
	Second Term	Hours	C E 330	3	
	C E 322	3	C E 341	3	
	C E 351	3	<u>Cst M 254</u>	<u>2</u>	
	<u>C E 463</u>	3	Second Term C E 322	3	
	E E 304 or M E 301	2		-	
	Engl 402 [W] (GER)	3	C E 351	3	
	Math 360 or 370	3	$\frac{C E 303}{E E 204 \text{ or } M E 201}$	<u>2</u> 2	
			E E 304 or M E 301		
	Fourth Year		Engl 402 [W] (GER)	3	
	First Term	Hours	Math 360 or 370	3	
	Arts & Humanities [H,G] (GER)	3	Fourth Year		
	C E Electives ³	9	First Term	Hours	
	C E Laboratory ³	3	<u>C E 463</u>	<u>3</u>	
	Second Term	Hours	C E Electives ³	9	
	C E 465 [M] ⁴	3	C E Laboratory ³	3	
	C E 4 80 [M]	1	<u>C E 480 [M]</u>	1	
	C E Elective ³	9	Second Term		
	Tier III Humanities or	3	C E 465 [M] ⁴	3	
	Social Science Course [T] (GER)	-	<u>CE466</u>	1	
			C E Elective ³	9	
			Tier III Humanities or	3	
			Social Science Course [T] (GER)		-
	Fourth Year		Fourth Year		
	First Term	Harras	Fourth Year First Term	Harra	
		Hours		Hours	
	Arts & Humanities [H,G] (GER)	3	C E 430	3	
Civil &	C E 430	3	C E 433	3	
Environmental Engineering, revise	C E 433	3	C E 436	3	
graduation	C E 436 or 465¹	3	<u>C E 463</u>	<u>3</u>	
requirements in	C E Elective	3	<u>C E 480 [M]</u>	<u>1</u> 3	8-10
Civil Engineering,	Second Term	Hours	C E Elective Second Term	3 Hours	0 10
Structural	C E 414	3	C E 414	3	
Engineering	C E 431	3	C E 414 $C E 431 or 434$	3	
alternate fourth year	C E 434 or 465 ¹	3	C E $431 \frac{01 434}{101 434}$	3	
	C E 435	3	$C = 405\underline{IMI}^{4}$ $C = 435$		
	C E 480 [M]	1		3	
	Tier III Humanities or	3	$\frac{C E 466}{Tion III Unmonition on}$	1	
	Social Sciences Course [T] (GER))	Tier III Humanities or Social Sciences Course [T] (GER)	3	

	Footnotes		Footpotes		
	¹ Either couse may be selected, by	ut	Footnotes	C' 1	
	C E 465 is required.		¹ <u>C E 465 must be taken in the</u>	<u>e final</u>	
			semester.		
	Fourth Year		Fourth Year		
	First Term	Hours	First Term	Hours	
Civil & Environmental	Arts & Humanities [H,G] (GER)		<u>C E 400</u>	<u>3</u>	
	CE 410	3 3	<u>C E 430</u>	<u>3</u>	
	C E 433 or 425	3	C E 433 or 425	3	
	C E 473	3 3	<u>C E 463</u>	<u>3</u>	
			C E 474	3	
Ingineering, revise	C E 474 or 465¹	3	<u>C E 480 [M]</u>	1	
raduation	Second Term	Hours	Second Term	Hours	
equirements in	<u>C E 400</u>	3	C E 434	3	8-10
Civil Engineering,	C E 430 or 465 ¹	3	C E 435	3	
nfrastructure	C E 435	3	C E 465[<u>M</u>] ¹	3	
Ingineering	C E 476 or 434	3	<u>C E 466</u>	1	
lternate fourth year	C E 480 [M]	1	<u>C E 473</u>	$\frac{1}{3}$	
	Tier III Humanities or	2	<u>CE475</u> Tier III Humanities or	<u> </u>	
	Social Sciences Course [T] (GER) ³		Social Sciences Course [T] (G	$(FR)^3$	
	Footnotes ¹ Either couse may be selected, but C E 465 is required.		Footnotes		
			1 C E 465 must be taken in the	e final	
			semester.		
	Fourth Year				
	First Term	Hours	Fourth Year		
	Arts & Humanities [H,G] (GER)	3	First Term	Hours	
		3	<u>C E 402</u>		
		3	$\frac{C E 402}{C E 404}$	<u>3</u> 3	
		3	C E 404 C E 415		
		3		3	
Civil &		Hours	C E 418	3	
Environmental			<u>C E 463</u>	<u>3</u>	
Engineering, revise		3	<u>C E 480 [M]</u>	<u>1</u> Hours	
raduation		3	Second Term		8-10
equirements in		3	<u>C E 401</u>	3	
Civil Engineering, Environmental		3	C E <u>403</u> or 419	3	
lternate fourth year		3	C E 442	3	
mernate routili year	Tier III [T] Humanities or	3	<u>C E 465[M]¹</u>	<u>3</u>	
	Social Sciences Course (GER)		<u>C E 466</u>	<u>1</u>	
			Tier III [T] Humanities or		
	Footnotes	t have	Social Sciences Course (GER))	
	¹ Elective courses: The total credit for elective courses must be dist				
	such that at least three courses,		Footnotes	a t	
	including the lab, are DES (desi		¹ <u>C E 465 must be taken in the</u>	<u>e final</u>	
	emphasis) in order for a student	-	semester.		

	qualify for a degree. C E elective including C E laboratory will be from at least two different areas (environmental, geotechnical, hydraulics, structural, and transportation/pavement).				
Civil & Environmental Engineering, revise graduation requirements in Civil Engineering, Water Resources alternate fourth year	Fourth Year First Term Arts & Humanities [H,G] (GER) C E 404 C E 451 C E 456 C E 455 Second Term C E 416 C E 460 C E 465 [M] C E 465 [M] C E 465 [M] C E Elective ¹ Tier III Humanities or Social Sciences Course [T] (GER) Footnotes ¹ Elective courses: The total credit for elective courses must be dist such that at least three courses, r including the lab, are DES (designed emphasis) in order for a student qualify for a degree. C E elective including C E laboratory will be selected from at least two different areas (environmental, geotechnich) hydraulics, structural, and transportation/pavement).	3 3 3 Hours 3 3 4 3 3 4 3 4 3 4 3 4 3 4 3 4 5 6 7 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1	Fourth Year First Term C E 404 C E 451 C E 456 C E 456 C E 463 C E 475 C E 480 [M] Second Term C E 416 C E 460 C E 465 [M] ¹ <u>C E 466</u> C E Elective ² Tier III Humanities or Social Sciences Course [T] (GER Footnotes ¹ <u>C E 465 must be taken in the fir</u> <u>semester.</u> ² Elective courses: The total credit for elective courses must be dist such that at least three courses, the including the lab, are DES (desited emphasis) in order for a student qualify for a degree. C E elective including C E laboratory will be selected from at least two different areas (environmental, geotechnich) hydraulics, structural, and transportation/pavement).	t hours ributed not gn to es ent	8-10
Economic Sciences, Drop minor in Agricultural Economics & Management	A minor is offered in agricultura economics and management wh requires that a student complete hours of course work in the Sch Economic Sciences, of which 12 must be in 300-400-level course hours of upper-division work tal residence at WSU or through W	ich 16 ool of 2 hours es. 9 ken in	N/A		8-10

	approved education abroad or educational exchange courses. Students must also complete one of three junior- senior program sequences, e.g., farm management, marketing or agribusiness management		
Economic Sciences, drop minor in Agribusiness	A minor in agribusiness requires EconS 351 and 451; 335; 352 and 452; and enough additional EconS electives to total 16 hours of course work in the School. A student wishing to declare a minor should consult with an advisor as early as possible to develop the required program.	N/A	8-10
Economic Sciences, new minor in Agribusiness Economics	N/A	The minor in Agribusiness Economics requires 18 hours and includes EconS 101; 301 or 305; EconS 350 and 450 or EconS 351 and 451 or EconS 352 and 452; and 3 elective credits in EconS. A 2.00 gpa is required in the minor and no courses may be taken pass/fail. 9 hours of upper-division work must be taken in residence at WSU or through WSU-approved education abroad or educational exchange courses.	8-10
Foreign Languages & Cultures, change name of minor from Latin American Area & Culture Studies to Latin American & Spanish Area Studies and extend to Vancouver	Latin American Area & Culture Studies A minimum of 16 credits is required. A foundation of the target language, Spanish 203 (4 credits), is required; in addition, 4 courses (12 credits) of further knowledge must be taken other than 203 as: EITHER one lower level and two upper-level courses in FLC plus one approved course in another department; OR one lower-level and one upper-level course in FLC plus two approved courses in another department. See the department of FL&C for a list of acceptable courses. A minimum of 9 credits with a letter grade must be taken in residency at WSU at the 300-400 level. All courses must be passed with a grade of C or better. Only courses thus designated in the Catalog may be repeated for credit toward the minor. Courses counting towards a minor in the language may not be counted towards a major in International Area Studies (i.e., Latin America Area Studies, German Area Studies, French and Francophone Area Studies, or Russian Area Studies). 105, 205, and 305 may not count towards the minor. For courses taken in Study Abroad	Latin American <u>& Spanish</u> Area Studies A minimum of 16 credits is required. A foundation of the target language, Spanish 203 (4 credits), is required; in addition, 4 courses (12 credits) of further knowledge must be taken other than 203 as: EITHER one lower level and two upper-level courses in FLC plus one approved course in another department; OR one lower- level and one upper-level course in FLC plus two approved courses in another department. See the department of FL&C for a list of acceptable courses. A minimum of 9 credits with a letter grade must be taken in residency at WSU at the 300-400 level. All courses must be passed with a grade of C or better. Only courses thus designated in the Catalog may be repeated for credit toward the minor. Courses counting towards a minor in the language may not be counted towards a major in International Area Studies (i.e., Latin America Area Studies, German Area Studies, French and Francophone Area Studies, or Russian Area Studies). 105, 205, and 305 may not count towards	8-10

	Programs or as other transfer of please check with your advisor		the minor. For courses taken in Study Abroad Programs or as other transfer credits, please check with your advisor.	
Interior Design, drop minor in Interior Design	A minor in interior design studic certified only by department ap- is limited to 10 students per yer- must submit their intent to seed in writing to the Interior Design Department. The department m- enrollment in any year based of obligation to deliver the Bacher program. A minor in interior d an avenue for professional cert is it accredited by the Council Design Accreditation. Archited students who have completed to year of coursework are also eli- apply. To be eligible to receive student must: 1) complete one of lower-division core requirement complete the upper-division el- requirement; 3) have a minimu 3.0; and 4) and have completed sophomore portfolio review. T division core is either 23 credii I D 101, 102, 201, 203, 215, A Arch 103. Transfer students co- hours including: I D 103, 201, 215. The upper-division elective taken in Spokane and consist of selected from I D 305, 312, 32 396 and 397. 9 hours of upper- work must be taken in residend through WSU-approved educa or educational exchange course	pproval and ear. Students k the minor may restrict on its elor of Arts lesign is not tification nor for Interior cture their third igible to e the minor a of the two nts,;2) ectives im gpa of d the 'he lower- ts including: rch 101, and omplete 17 203 and ves must be of 9 hours 5, 350, 392, -division ce at WSU or tion abroad	N/A	8-10
Molecular Biosciences, drop BS in Biotechnology	Biotechnology Degree(1)ProgramA grade of C or better is requireMBioS courses taken to meet grequirements.None of these courses may bepass/fail.First YearFirst TermBiol 106 [B] (GER)Chem 105 [P] (GER)Engl 101 [W] (GER)GenEd 110 [A] (GER)Second TermBiol 107 [B] (GER)Chem 106 [P] (GER)GenEd 111 [A] (GER)	graduation	N/A	8-10

 Math 140 or 171 [N] (GER)	4		
Second Year			
First Term	Hours		
Arts & Humanities [H,G] (GER)) 3		
Chem 345 ¹	4		
MBioS 301	4		
Phys 101 [P] (GER)	4		
Second Term	Hours		
Arts & Humanities [H,G] or Social Sciences [S,K] (GER)	3		
MBioS 303	4		
MBioS 304 [M]	3		
Phys 102 [P] (GER)	4		
Complete Writing Portfolio			
Third Year			
First Term	Hours		
EconS 101 [S] (GER)	3		
MBioS 305	3		
MBioS 306	2		
MBioS 404	3		
Stat 212 [N] (GER) or 412, or MgtOp 215	3 or 4		
Electives	3		
Second Term	Hours		
Communication Proficiency [C,W] (GER)	3		
Intercultural Studies [I,G,K] (GER)	3		
MgtOp 301	3		
Electives	6		
Fourth Year			
First Term	Hours		
MBioS 454 [M]	3		
Mktg 360	3		
Phil 365 [H] or 370 [H] (GER)	3		
Electives	6		
Second Term	Hours		
Arts & Humanities [H,G], Intercultural Studies [I,G,K], or Social Sciences [S,K] (GER) ²	3		
Lab Elective ³	2 or 3		
Lecture Elective ⁴	3 or 4		
MBioS 401	3		
MBioS 492, 494, or 496	1		
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	Footnotes				
	1 Pre-med students and the advanced degrees shoul 345, 346, and 348 (a on organic chemistry).	d take Chem			
	2 Soc 331 is recommende	ed, but not			
	required.				
	3 Lab electives: select one 341, 402 [M], 430 [M], hrs), 499 (3 hrs). Studer BA minor may also sele 230, 231, Fin 325, or M	478, 495, 498 (3 nts pursuing a ect from Acctg			
	4 Lecture electives: select 320, 353, MBioS 410, 4 440, 442, 450, Acctg 23 MgtOp 340.	123, 426, 427,			
	5 Soc 430 is recommender required.	ed, but not			
	Third Year		Third Year		
	First Term	Hours	First Term	Hours	
	SHS 371	3	SHS 371	3	
	SHS 372	3	SHS 372	3	
	SHS 373 or 375	3	SHS 373 or 375	<u>2 or</u> 3	
	SHS 377	3	SHS 377	3	
	SHS Elective ²	3	SHS Elective ²	3	
	Second Term	Hours	Second Term	Hours	
	SHS 376	4	SHS 376	<u>3</u>	
	SHS 378	4	SHS 378	<u>3</u>	
	SHS 461 or Tier III [T] (GER)	2 or 3	SHS 461 or Tier III [T] (GER)	2 or 3	
Speech & Hearing	SHS 472	3	SHS 472	3	
Sciences, revise	SHS 478 [M]	3	SHS 478	3	8-10
graduation	Fourth Year		Fourth Year		
requirements	First Term	Hours	First Term	Hours	
	SHS 471	3	SHS 471	3	
	SHS 475 [M] or		Rotating Core Elective	3	
	Rotating Core Elective ³	3	SHS 477	3	
	SHS 477	3	SHS 479	3	
	SHS 479	3	SHS 482 [M]	3	
	SHS 482 [M]	3	Second Term	Hours	
	Second Term	Hours	DisSt 250	3	
	DisSt 250	3	SHS 461 or) and 2	
	SHS 461 or	2 or 3	Tier III [T] (GER)	2 or 3	
	Tier III [T] (GER)	2013	SHS 473	3	
	SHS 473	3	SHS 479	3	
	SHS 475	3	SHS 480	1	

SHS	5 479 5 480	3 1	Elective Footnotes	2
1 SF at 2 Se SF ele 40 25 30 36 SF 21 an ad 3 SF	notes HS 201 and 202 high Spokane campus. elected GERs may be HS electives. Highly ectives include: Acct 05, 450; Biol; Chem; 56, 402; For Lang; H 01; Physics; Psych 31 51, 363, 372, 384, 39 HS 489, 490; Soc 350 12; T & L 330, 333, 3 d others in consultat lvisor. HS 475 at Pullman ca ore Elective at Spoke	e used to fulfill recommended tg 230, 231; Anth Cpt S Engl 255, D; MgtOp 101, 11, 312, 321, 333, 0, 412, 464, 490; 6; Sp Ed 301; Stat 335; W St 220; ion with your	at Spokane camp 2 Selected GERs n SHS electives. H electives include 405, 450; Biol; C 256, 402; For La 301; Physics; Ps 333, 361, 363, 3 490; SHS 489, 4 301; Stat 212; T	2 highly recommended bus. nay be used to fulfill lighly recommended e: Acctg 230, 231; Anth Chem; Cpt S Engl 255, ang; H D; MgtOp 101, ych 311, 312, 321, 72, 384, 390, 412, 464, 90; Soc 356; Sp Ed & L 330, 333, 335; W rs in consultation with