

Approved by Faculty Senate on 3/26/09

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 3  
Spring 2009**

**---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
Architecture, revise graduation requirements	<p><b>First Year</b></p> <p>First Term Hours</p> <p>Arch 101 3</p> <p><del>Arts &amp; Humanities [H,G] (GER)</del> 3</p> <p>Engl 101 [W] (GER) 3</p> <p>GenEd 110 [A] or 111 [A] (GER) 3</p> <p>Math 107, if necessary, or Electives 3</p> <p>Second Term Hours</p> <p>Arch 103 3</p> <p>Arch 202 3</p> <p>F A GER Elective [H,G]<sup>1</sup> 3</p> <p>GenEd 110 [A] or 111 [A] (GER) 3</p> <p>Math 171 [N] or 206 [N] (GER)<sup>2</sup> 3 or 4</p> <p><b>Footnotes</b></p> <p><sup>1</sup> 3 hours of Fine Arts Electives are required. Fine Arts GERs will fulfill this requirement.</p> <p><sup>2</sup> Students who are not adequately prepared for Math 171 or 206 should take Math 107 as needed during the fall semester of their first year. All freshmen must take the math placement exam.</p>	<p><b>First Year</b></p> <p>First Term Hours</p> <p>Arch 101 3</p> <p><u>Social Sciences [S,K,D] (GER)<sup>1</sup></u> 3</p> <p>Engl 101 [W] (GER) 3</p> <p>GenEd 110 [A] or 111 [A] (GER) 3</p> <p>Math 107, if necessary, or Electives 3</p> <p>Second Term Hours</p> <p>Arch 103 3</p> <p>Arch 202 3</p> <p>F A GER Elective [H,G]<sup>2</sup> 3</p> <p>GenEd 110 [A] or 111 [A] (GER) 3</p> <p>Math 171 [N] or 206 [N] (GER)<sup>3</sup> 3 or 4</p> <p><b>Footnotes</b></p> <p><sup>1</sup> <u>3 hours of American Diversity [D] are required and can be combined with Humanities and Fine Arts, Social Sciences or Tier III GER.</u></p> <p><sup>2</sup> 3 hours of Fine Arts Electives are required. Fine Arts GERs will fulfill this requirement.</p> <p><sup>3</sup> Students who are not adequately prepared for Math 171 or 206 should take Math 107 as needed during the fall semester of their first year. All freshmen must take the math placement exam.</p>	8-09
	<p><b>Second Year</b></p> <p>First Term Hours</p> <p>Arch 201 4</p> <p>Arch 220 3</p> <p>Arch 330 3</p> <p>Intercultural Studies [I,G,K] (GER) 3</p> <p>Phys 101 [P] or 201 [P] (GER) 4</p> <p>Second Term Hours</p> <p>Arch 203 4</p> <p>Arch 209 3</p>	<p><b>Second Year</b></p> <p>First Term Hours</p> <p>Arch 201 4</p> <p>Arch 220 3</p> <p>Arch 330 3</p> <p>Intercultural Studies [I,G,K] (GER) 3</p>	

	Arch 324 [M] 3	Phys 101 [P] or 201 [P] (GER) 4	
	Communication Proficiency [C,W] (GER) 3	Second Term Hours	
	Physical Sciences [P] (GER) <sup>1</sup> 3 or 4	Arch 203 4	
	Social Sciences [S,K] (GER) 3	Arch 209 3	
	Complete Writing Portfolio	Arch 324 [M] 3	
	<b>Third Year</b>	Communication Proficiency [C,W] (GER) 3	
	First Term Hours	Physical Sciences [P] (GER) <sup>1</sup> 3 or 4	
	Arch 301 5	Complete Writing Portfolio	
	Arch 309 3	<b>Third Year</b>	
	Arch 351 3	First Term Hours	
	Arch 353 1	Arch 301 5	
	Arch 432 3	Arch 309 3	
	Second Term Hours	Arch 351 3	
	Arch 303 5	Arch 353 1	
	Arch 352 3	Arch 432 3	
	Arch 354 1	Second Term Hours	
	Arch 433 3	Arch 303 5	
	Biological Sciences [B] (GER) 3 or 4	Arch 352 3	
	<b>Fourth Year</b>	Arch 354 1	
	First Term Hours	Arch 433 3	
	Arts & Humanities [H,G] or Social Sciences [S,K] (GER) 3	Biological Sciences [B] (GER) 3 or 4	
	Arch 401 5	<b>Fourth Year</b>	
	Arch 409 [M] 3	First Term Hours	
	Arch 454 3	Arts & Humanities [H,G] or Social Sciences [S,K] (GER) (GER) 3	
	Arch 472 3	Arch 401 5	
	Second Term Hours	Arch 409 [M] 3	
	Arch 403 5	Arch 463 3	
	Arch Emphasis Electives <sup>2</sup> 6	Arch 472 3	
	Tier III Course [T] (GER) 3	Second Term Hours	
	<b>Footnotes</b>	Arch 403 5	
	<sup>1</sup> At least 3 hours of Physical Science Electives from the school's approved list are required for graduation.	Arch Emphasis Electives <sup>2</sup> 8	
	<sup>2</sup> At least 8 hours of Architectural Emphasis Electives from the school's approved list are required for graduation.	Tier III Course [T] (GER) 3	
		<b>Footnotes</b>	
		<sup>1</sup> At least 3 hours of Physical Science Electives from the school's approved list are required for graduation.	
		<sup>2</sup> At least 8 hours of Architectural Emphasis Electives from the school's approved list are required for graduation.	
Civil Engineering, revise certification requirements	Students who will be completing at least 45 semester hours of course work at the end of	Certification Requirements:	8-09

	<p>the semester including C E 211, Math 171, 172, and Phys 201 or equivalents are eligible to apply for certification into the Department of Civil and Environmental Engineering. The number of students certified into the department depends upon the available resources and facilities. The best qualified students, based on cumulative gpa and grades in the prerequisite courses listed above, will be certified into the department until the carrying capacity is reached.</p>	<p>Students who will be completing at least 45 semester hours of course work at the end of the semester including C E 211, Math 171, 172, and Phys 201 or equivalents are eligible to apply for certification into the Department of Civil and Environmental Engineering. The number of students certified into the department depends upon the available resources and facilities. The best qualified students, based on cumulative gpa and grades in the prerequisite courses listed above, <u>as well as all math, science and engineering courses taken to date.</u> will be certified into the department until the carrying capacity is reached.</p>																																																																																													
<p>Civil Engineering, revise graduation requirements</p>	<p><b>First Year</b></p> <table border="0"> <tr> <td>First Term</td> <td>Hours</td> </tr> <tr> <td>Chem 105 [P] (GER)</td> <td>4</td> </tr> <tr> <td>Engl 101 [W] (GER)</td> <td>3</td> </tr> <tr> <td>Engr 120</td> <td>2</td> </tr> <tr> <td>GenEd 110 [A] (GER)</td> <td>3</td> </tr> <tr> <td>Math 171 [N] (GER)<sup>1</sup></td> <td>4</td> </tr> <tr> <td>Second Term</td> <td>Hours</td> </tr> <tr> <td>Biol 102 [B] or MBioS 101 [B] (GER)</td> <td>4</td> </tr> <tr> <td>EconS 101 [S] or 102 [S] (GER)<sup>1</sup></td> <td>3</td> </tr> <tr> <td>GenEd 111 [A] (GER)</td> <td>3</td> </tr> <tr> <td>Math 172<sup>1</sup></td> <td>4</td> </tr> <tr> <td>Math 220</td> <td>2</td> </tr> <tr> <td><b>Second Year</b></td> <td></td> </tr> <tr> <td>First Term</td> <td>Hours</td> </tr> <tr> <td>C E 211<sup>1</sup></td> <td>3</td> </tr> <tr> <td>ComSt 102 [C], ComSt 235 [C], or H D 205 [C] (GER)</td> <td>3</td> </tr> <tr> <td>E E 221</td> <td>2</td> </tr> <tr> <td>Intercultural Studies [I,G,K] (GER)</td> <td>3</td> </tr> <tr> <td>Math 273</td> <td>2</td> </tr> <tr> <td>Phys 201 [P] (GER)</td> <td>4</td> </tr> <tr> <td>Second Term</td> <td>Hours</td> </tr> <tr> <td>C E 215</td> <td>3</td> </tr> <tr> <td>Chem 106 [P], Geol 102 [P], or Phys 202 [P]</td> <td>4</td> </tr> </table>	First Term	Hours	Chem 105 [P] (GER)	4	Engl 101 [W] (GER)	3	Engr 120	2	GenEd 110 [A] (GER)	3	Math 171 [N] (GER) <sup>1</sup>	4	Second Term	Hours	Biol 102 [B] or MBioS 101 [B] (GER)	4	EconS 101 [S] or 102 [S] (GER) <sup>1</sup>	3	GenEd 111 [A] (GER)	3	Math 172 <sup>1</sup>	4	Math 220	2	<b>Second Year</b>		First Term	Hours	C E 211 <sup>1</sup>	3	ComSt 102 [C], ComSt 235 [C], or H D 205 [C] (GER)	3	E E 221	2	Intercultural Studies [I,G,K] (GER)	3	Math 273	2	Phys 201 [P] (GER)	4	Second Term	Hours	C E 215	3	Chem 106 [P], Geol 102 [P], or Phys 202 [P]	4	<p><b>First Year</b></p> <table border="0"> <tr> <td>First Term</td> <td>Hours</td> </tr> <tr> <td>Chem 105 [P] (GER)</td> <td>4</td> </tr> <tr> <td>Engl 101 [W] (GER)</td> <td>3</td> </tr> <tr> <td>Engr 120</td> <td>2</td> </tr> <tr> <td>GenEd 110 [A] (GER)</td> <td>3</td> </tr> <tr> <td>Math 171 [N] (GER)<sup>1</sup></td> <td>4</td> </tr> <tr> <td>Second Term</td> <td>Hours</td> </tr> <tr> <td>Biol 102 [B] or MBioS 101 [B] (GER)</td> <td>4</td> </tr> <tr> <td>EconS 101 [S] or 102 [S] (GER)<sup>1</sup></td> <td>3</td> </tr> <tr> <td>GenEd 111 [A] (GER)</td> <td>3</td> </tr> <tr> <td>Math 172<sup>1</sup></td> <td>4</td> </tr> <tr> <td>Math 220</td> <td>2</td> </tr> <tr> <td><b>Second Year</b></td> <td></td> </tr> <tr> <td>First Term</td> <td>Hours</td> </tr> <tr> <td>C E 211<sup>1</sup></td> <td>3</td> </tr> <tr> <td>ComSt 102 [C], ComSt 235 [C], or H D 205 [C] (GER)</td> <td>3</td> </tr> <tr> <td>E E 221</td> <td>2</td> </tr> <tr> <td>Intercultural Studies [I,G,K] (GER)</td> <td>3</td> </tr> <tr> <td>Math 273</td> <td>2</td> </tr> <tr> <td>Phys 201 [P] (GER)</td> <td>4</td> </tr> <tr> <td>Second Term</td> <td>Hours</td> </tr> <tr> <td>C E 215</td> <td>3</td> </tr> <tr> <td>Chem 106 [P], Geol 102 [P], or Phys 202 [P]</td> <td>4</td> </tr> </table>	First Term	Hours	Chem 105 [P] (GER)	4	Engl 101 [W] (GER)	3	Engr 120	2	GenEd 110 [A] (GER)	3	Math 171 [N] (GER) <sup>1</sup>	4	Second Term	Hours	Biol 102 [B] or MBioS 101 [B] (GER)	4	EconS 101 [S] or 102 [S] (GER) <sup>1</sup>	3	GenEd 111 [A] (GER)	3	Math 172 <sup>1</sup>	4	Math 220	2	<b>Second Year</b>		First Term	Hours	C E 211 <sup>1</sup>	3	ComSt 102 [C], ComSt 235 [C], or H D 205 [C] (GER)	3	E E 221	2	Intercultural Studies [I,G,K] (GER)	3	Math 273	2	Phys 201 [P] (GER)	4	Second Term	Hours	C E 215	3	Chem 106 [P], Geol 102 [P], or Phys 202 [P]	4	<p>8-09</p>
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(GER) <sup>2</sup>		(GER) <sup>2</sup>	
Cst M 254	3	Cst M 254	<u>2</u>
M E 212	3	M E 212	3
M E 220	1	M E 220	1
Math 315	3	Math 315	3
Complete Writing Portfolio		Complete Writing Portfolio	
<b>Third Year</b>		<b>Third Year</b>	
First Term	Hours	First Term	Hours
C E 301	4	C E 301	4
C E 315	3	C E 315	3
C E 317 [M]	3	C E 317 [M]	3
C E 330	3	C E 330	3
C E 341	3	C E 341	3
Second Term	Hours	Second Term	Hours
C E 322	3	C E 322	3
C E 351	3	C E 351	3
C E 463	4	C E 463	<u>3</u>
E E 304 or M E 301	2	E E 304 or M E 301	2
Engl 402 [W] (GER)	3	Engl 402 [W] (GER)	3
Math 360	3	Math 360 <u>or 370</u>	<u>3</u>
<b>Fourth Year</b>		<b>Fourth Year</b>	
First Term	Hours	First Term	Hours
Arts & Humanities [H,G] (GER)	3	Arts & Humanities [H,G] (GER)	3
C E Electives <sup>3</sup>	9	C E Electives <sup>3</sup>	9
C E Laboratory <sup>3</sup>	3	C E Laboratory <sup>3</sup>	3
Second Term	Hours	Second Term	Hours
C E 465 [M] <sup>4</sup>	3	C E 465 [M] <sup>4</sup>	3
C E 480 [M]	1	C E 480 [M]	1
C E Elective <sup>3</sup>	9	C E Elective <sup>3</sup>	9
Tier III Humanities or Social Science Course [T] (GER)	3	Tier III Humanities or Social Science Course [T] (GER)	3
<b>Footnotes</b>		<b>Footnotes</b>	
<sup>1</sup> Classes that must be completed prior to certification.		<sup>1</sup> Classes that must be completed prior to certification.	
<sup>2</sup> Chem 106 strongly recommended for an Environmental and Infrastructure Engineering emphasis; Geol 102 strongly recommended for a Structural Engineering emphasis.		<sup>2</sup> Chem 106 strongly recommended for an Environmental and Infrastructure Engineering emphasis; Geol 102 strongly recommended for a Structural Engineering emphasis.	
<sup>3</sup> Elective courses: The total credit hours for elective courses must be distributed such that at least three courses, not including the lab, are DES (design emphasis) in order for a student to qualify for a degree. C E electives including C E laboratory will be selected <del>from</del> at least two different		<sup>3</sup> Elective courses: The total credit hours for elective courses must be distributed such that at least three courses, not including the lab, are DES (design emphasis) in order for a student to qualify for a degree. C E electives, including C E laboratory, will be selected <u>such that</u> at least <u>one</u>	

	<p>areas (environmental, geotechnical, hydraulics, structural, and transportation/pavement).</p> <p><sup>4</sup> Course to be taken in final semester.</p>	<p><u>designated as DES should be chosen from two different areas (environmental, geotechnical, hydraulics, structural, and transportation/pavement).</u></p> <p><sup>4</sup> Course to be taken in final semester.</p>																																																																																																																																					
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Mechanical Engineering (Vancouver), revise graduation requirements	<p><b>First Year</b></p> <table> <thead> <tr> <th>First Term</th> <th>Hours</th> </tr> </thead> <tbody> <tr><td>Arts &amp; Humanities [H,G] (GER)</td><td>3</td></tr> <tr><td>Chem 105 [P] (GER)</td><td>4</td></tr> <tr><td>GE 110 [A] (GER)</td><td>3</td></tr> <tr><td>Math 171 [N] (GER)</td><td>4</td></tr> <tr><td>Mech 101</td><td>2</td></tr> <tr><td>Second Term</td><td>Hours</td></tr> <tr><td>Chem 106</td><td>4</td></tr> <tr><td>Engl 101 [W] (GER)</td><td>3</td></tr> <tr><td>GE 111 [A] (GER)</td><td>3</td></tr> <tr><td>Math 172</td><td>4</td></tr> <tr><td>Mech 103</td><td>3</td></tr> <tr><td><b>Second Year</b></td><td></td></tr> <tr><td>First Term</td><td>Hours</td></tr> <tr><td>CS 251</td><td>2</td></tr> <tr><td>EconS 101 [S] or 102 [S] (GER)</td><td>3</td></tr> <tr><td>Math 220</td><td>2</td></tr> <tr><td>Math 273</td><td>2</td></tr> <tr><td>Mech 211</td><td>3</td></tr> <tr><td>Phys 201 [P] (GER)</td><td>4</td></tr> <tr><td>Second Term</td><td>Hours</td></tr> <tr><td>Biological Sciences [B] (GER)</td><td>3</td></tr> <tr><td>Math 315</td><td>3</td></tr> <tr><td>Mech 212</td><td>3</td></tr> <tr><td>Mech 215</td><td>3</td></tr> <tr><td>Phys 202 [P] (GER)</td><td>4</td></tr> <tr><td>Complete Writing Portfolio</td><td></td></tr> <tr><td><b>Third Year</b></td><td></td></tr> <tr><td>First Term</td><td>Hours</td></tr> <tr><td>Mech 301</td><td>3</td></tr> <tr><td>Mech 304</td><td>3</td></tr> <tr><td>Mech 309</td><td>3</td></tr> <tr><td><del>Mech 313</del></td><td>3</td></tr> </tbody> </table>	First Term	Hours	Arts & Humanities [H,G] (GER)	3	Chem 105 [P] (GER)	4	GE 110 [A] (GER)	3	Math 171 [N] (GER)	4	Mech 101	2	Second Term	Hours	Chem 106	4	Engl 101 [W] (GER)	3	GE 111 [A] (GER)	3	Math 172	4	Mech 103	3	<b>Second Year</b>		First Term	Hours	CS 251	2	EconS 101 [S] or 102 [S] (GER)	3	Math 220	2	Math 273	2	Mech 211	3	Phys 201 [P] (GER)	4	Second Term	Hours	Biological Sciences [B] (GER)	3	Math 315	3	Mech 212	3	Mech 215	3	Phys 202 [P] (GER)	4	Complete Writing Portfolio		<b>Third Year</b>		First Term	Hours	Mech 301	3	Mech 304	3	Mech 309	3	<del>Mech 313</del>	3	<p><b>First Year</b></p> <table> <thead> <tr> <th>First Term</th> <th>Hours</th> </tr> </thead> <tbody> <tr><td>Arts &amp; Humanities [H,G] (GER)</td><td>3</td></tr> <tr><td>Chem 105 [P] (GER)</td><td>4</td></tr> <tr><td>GenEd 110 [A] (GER)</td><td>3</td></tr> <tr><td>Math 171 [N] (GER)</td><td>4</td></tr> <tr><td>Mech 101</td><td>2</td></tr> <tr><td>Second Term</td><td>Hours</td></tr> <tr><td>Chem 106</td><td>4</td></tr> <tr><td>Engl 101 [W] (GER)</td><td>3</td></tr> <tr><td>GenEd 111 [A] (GER)</td><td>3</td></tr> <tr><td>Math 172</td><td>4</td></tr> <tr><td>Mech 103</td><td><u>2</u></td></tr> <tr><td><b>Second Year</b></td><td></td></tr> <tr><td>First Term</td><td>Hours</td></tr> <tr><td>CS 251</td><td>2</td></tr> <tr><td>EconS 101 [S] or 102 [S] (GER)</td><td>3</td></tr> <tr><td>Math 220</td><td>2</td></tr> <tr><td>Math 273</td><td>2</td></tr> <tr><td>Mech 211</td><td>3</td></tr> <tr><td>Phys 201 [P] (GER)</td><td>4</td></tr> <tr><td>Second Term</td><td>Hours</td></tr> <tr><td>Biological Sciences [B] (GER)</td><td>3</td></tr> <tr><td>Math 315</td><td>3</td></tr> <tr><td>Mech 212</td><td>3</td></tr> <tr><td>Mech 215</td><td>3</td></tr> <tr><td>Phys 202 [P] (GER)</td><td>4</td></tr> <tr><td>Complete Writing Portfolio</td><td></td></tr> <tr><td><b>Third Year</b></td><td></td></tr> <tr><td>First Term</td><td>Hours</td></tr> <tr><td>Mech 301</td><td>3</td></tr> <tr><td>Mech 304</td><td><u>3</u></td></tr> <tr><td>Mech 309</td><td>3</td></tr> <tr><td>Mech 309</td><td>3</td></tr> </tbody> </table>	First Term	Hours	Arts & Humanities [H,G] (GER)	3	Chem 105 [P] (GER)	4	GenEd 110 [A] (GER)	3	Math 171 [N] (GER)	4	Mech 101	2	Second Term	Hours	Chem 106	4	Engl 101 [W] (GER)	3	GenEd 111 [A] (GER)	3	Math 172	4	Mech 103	<u>2</u>	<b>Second Year</b>		First Term	Hours	CS 251	2	EconS 101 [S] or 102 [S] (GER)	3	Math 220	2	Math 273	2	Mech 211	3	Phys 201 [P] (GER)	4	Second Term	Hours	Biological Sciences [B] (GER)	3	Math 315	3	Mech 212	3	Mech 215	3	Phys 202 [P] (GER)	4	Complete Writing Portfolio		<b>Third Year</b>		First Term	Hours	Mech 301	3	Mech 304	<u>3</u>	Mech 309	3	Mech 309	3	8-09
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Mechanical Engineering (Vancouver), revise certification requirements	Students who have completed at least 30 semester hours of course work and who have completed Chem <del>406</del> ; Engl <del>404</del> ; Math 220, 273, <del>345</del> ; Mech 211, 212, 215; and Phys <del>202</del> or their equivalents are eligible for certification into the Bachelor of Science in Mechanical Engineering program. All	Students who have completed at least 30 semester hours of course work and who have completed Chem <u>105</u> ; Math 220, 273; Mech 211, 212, 215; and Phys <u>201</u> or their equivalents are eligible for certification into the Bachelor of Science in Mechanical Engineering program. All courses required	8-09

	<p>courses required for certification must be completed with a grade of C or better. Enrollment in many upper-division mechanical engineering courses is restricted to certified majors or minors in mechanical engineering.</p> <p>No courses listed in this schedule of studies may be taken on a pass/fail basis. <del>All courses required for certification in the major must be completed with a grade of C or better.</del> All upper-division mechanical engineering courses must be completed with a minimum 2.0 average gpa.</p>	<p>for certification must be completed with a grade of C or better. Enrollment in many upper-division mechanical engineering courses is restricted to certified majors or minors in mechanical engineering.</p> <p>No courses listed in this schedule of studies may be taken on a pass/fail basis. All upper-division mechanical engineering courses must be completed with a minimum 2.0 average gpa.</p>	
<p>Women’s Studies, new minor in Queer Studies</p>	<p>--N/A--</p>	<p>A minimum of 16 hours including a core of W ST 200, 369, 484, and 485. In addition, four elective hours selected from W ST 210, 300, 317, 410, 481, 499. At least 9 hours must be in upper-division work and taken in residence at WSU or through WSU-approved education abroad or educational exchange courses.</p>	<p>8-09</p>