

+UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 5

---REQUIREMENTS---

Fall 2011

Faculty Senate Approved 2/9/2012

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.

In the case of revisions to graduation requirements, the current GER designations are still in place. Transition to the new UCORE designations is currently under construction and is expected in early Spring 2012 in a separate bulletin.

Department	Proposed	Effective Date																																										
Electrical Engineering - Vancouver, revise certification requirements	Students who have completed at least 30 semester hours of course work and who have completed Chem 105; CS 251; ECE 214, ECE 234, ECE 260, Math 273, and Phys 202, or their equivalents, are eligible for certification into the Bachelor of Science in Electrical Engineering program. All courses required for certification must be completed with a grade of C or better. Enrollment in many upper-division electrical engineering courses is restricted to certified majors or minors in electrical or mechanical engineering. No courses listed in this schedule of studies may be taken on a pass/fail basis. All upper-division electrical engineering courses must be completed with a minimum 2.0 average gpa.	8-12																																										
Electrical Engineering - Vancouver, revise graduation requirements	<p>First Year</p> <table border="0"> <tr> <td>First Term</td> <td align="right">Hours</td> <td></td> </tr> <tr> <td>Chem 105 [P] (GER)</td> <td align="right">4</td> <td></td> </tr> <tr> <td>ECE 101</td> <td align="right">2</td> <td></td> </tr> <tr> <td>Engl 101 [W] (GER)</td> <td align="right">3</td> <td></td> </tr> <tr> <td>GenEd 110 [A] (GER)</td> <td align="right">3</td> <td></td> </tr> <tr> <td>Math 171 [N] (GER)</td> <td align="right">4</td> <td></td> </tr> <tr> <td>Second Term</td> <td align="right">Hours</td> <td></td> </tr> <tr> <td>CS 251</td> <td align="right">2 <u>4</u></td> <td></td> </tr> <tr> <td>EconS 101 [S] or 102 [S] GER</td> <td align="right">3</td> <td></td> </tr> <tr> <td>GenEd 111 [A] (GER)</td> <td align="right">3</td> <td></td> </tr> <tr> <td>Math 172</td> <td align="right">4</td> <td></td> </tr> <tr> <td>Phys 201 [P] (GER)</td> <td align="right">4</td> <td></td> </tr> <tr> <td>Second Year</td> <td></td> <td></td> </tr> <tr> <td>First Term</td> <td align="right">Hours</td> <td></td> </tr> </table>	First Term	Hours		Chem 105 [P] (GER)	4		ECE 101	2		Engl 101 [W] (GER)	3		GenEd 110 [A] (GER)	3		Math 171 [N] (GER)	4		Second Term	Hours		CS 251	2 <u>4</u>		EconS 101 [S] or 102 [S] GER	3		GenEd 111 [A] (GER)	3		Math 172	4		Phys 201 [P] (GER)	4		Second Year			First Term	Hours		8-12
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Biological Sciences [B] (GER)	3
ECE 214	3
Math 220	2
Math 273	2
Phys 202 [P] (GER)	4
Second Term	Hours
Arts & Humanities [H,G] (GER)	3
ECE 234	3
ECE 260	4
ECE Elective ¹	3
Math 315	3
Third Year	
First Term	Hours
ECE 321	3
ECE 325	4
ECE Elective ¹	3
Engl 402 [W] or 403 [W] (GER)	3
Stat 360	3
Second Term	Hours
ECE 341	3
ECE 370	3
ECE Electives ¹	6
Intercultural Studies [I,G,K] (GER)	3
Fourth Year	
First Term	Hours
ECE 405 [M] or CS 402 [M]	3
ECE 451	2
ECE Electives ¹	9
Second Term	Hours
ECE 411	3
ECE 452 [M]	3
ECE Electives ¹	6
Tier III Humanities or Social Science/Diversity [T,D] (GER)	3
Footnotes	
¹ Please see department for an approved list of elective courses. The electives are chosen from upper-division electrical engineering and related courses and must be pre-approved by a faculty advisor.	

Pharmacy, revise prerequisites for admission to the professional program.	Pharmacy Prerequisites for Admission to the Professional Pharmacy Program Written Communication I – 3 credits Written Communication II – 3 credits Philosophy – Logic, Critical Thinking or Ethics – 3 credits Microeconomics – EconS 101 – 3 credits Introductory Psychology – Psych 105 – 3 credits Calculus – Math 140 or 171 or 202 – 4 credits Statistics – Stat 212 – 3 credits Introductory Biology – Biol 106 and 107 – 8 credits Principles of Chemistry – Chem 105 and 106 – 8 credits Organic Chemistry – Chem 345 and 346 – 7 credits Microbiology – MBioS 305 – 5 credits Human Anatomy with lab – Biol 315 – 4 credits Mammalian Physiology – Biol 353 – 4 credits Biochemistry – MBioS 303 – 4 credits Genetics or Molecular Genetics – Biol 301, or MBioS 404 – 3 credits	8-12
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