

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 180 credits Credits in major: 135 credits GPA cumulative minimum: 2.5 GPA major minimum: 2.5	<ul style="list-style-type: none"> Assumes trigonometry (MATH 121) not needed due to placement exam or college credit. Assumes placement into MATH 134 by SAT/ACT/SU math placement exam or college credit; students not placing into MATH 134 will need to take MATH 120 as an elective. As shown 181 credits. *Choose MEGR 322--Thermodynamics II or MEGR 372--Machine Elements II Engineering electives vary from year to year and must be approved by department. Fundamentals of Engineering (FE) examination is required for graduation. <p>For complete information on courses, prerequisites, etc, use this information in conjunction with the online Catalog (http://catalog.seattleu.edu/) for the current year.</p>

This example assumes you have completed no degree requirements. Your personal program may vary from this due to prior educational experience or individual goals.

	FALL		WINTER		SPRING	
	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
FRESHMAN	MATH 134 – Calculus I	5	MATH 135 – Calculus II	5	MATH 136 – Calculus III	5
	MEGR 100 – Intro. to Mechanical Engr.	1	PHYS 121 – Mechanics	5	PHYS 122 – Electricity and Magnetism	5
	UCOR 1XXX	5	MEGR 105 – Engr. Graphics and Design	3	UCOR 1XXX	5
	UCOR 1XXX	5	MEGR 181 – Innovative Design	2		
SOPHOMORE	MATH 232 – Multivariable Calculus	3	MATH 233 – Linear Algebra	3	MATH 234 – Differential Equations	4
	PHYS 123 – Waves and Optics	5	CHEM 121/131 – General Chem. I/Lab	5	CEEGR 221 – Mechanics of Matl. I	4
	MEGR 210 – Statics	4	MEGR 230 – Dynamics	4	MEGR 281 – Engr. Methods	4
	UCOR 1XXX	5	UCOR 2XXX	5	UCOR 2XXX	5
JUNIOR	MEGR 306 – Machine Shop	1	MEGR 371 – Machine Elements	5	MEGR 304 – Data Acqui. and Instrumentation	4
	MEGR 321 – Thermodynamics	5	ECEGR 315 – Elements of Electrical Engr.	5	MEGR 324 – Heat Transfer	5
	MEGR 350 – Materials Science	5	CEEGR 331 – Fluid Mechanics	4	MEGR 322 or MEGR 372*	4
	CEEGR 302 – Engr. Economy	3				
SENIOR	MEGR 435 – Dynamic Systems	5	MEGR 438 – Control Systems	4	Engineering Elective	3
	MEGR 487 – Engr. Design I	3	MEGR 488 – Engr. Design II	4	Engineering Elective	3
	UCOR 3XXX	5	Engineering Elective	3	MEGR 489 – Engr. Design III	3
			UCOR 2XXX	5	UCOR 3XXX	5

CORE MODULE I REQUIREMENTS	CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS
UCOR 1100 Academic Writing Seminar	UCOR 2100 Theological Explorations	UCOR 3100 Religion in a Global Context
UCOR 1200 Quantitative Reasoning – sat in major	UCOR 2500 Philosophy of the Human Person	UCOR 3400-3440 Humanities Global Challenge
UCOR 1300 Creative Expression and Interpretation	UCOR 2900-2940 Ethical Reasoning	UCOR 3600-3640 Social Sciences Global Challenge – sat in major
UCOR 1400-1440 Inquiry Seminar in the Humanities		
UCOR 1600-1640 Inquiry Seminar in the Social Sciences		
UCOR 1800-1840 Inq Sem in the Natural Sciences – sat in major		