MEGR	Bachelor of Science in Mechanical Engineering	2 YEAR TYPICAL PROGRAM OF STUDY	2013-2014

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 180 credits **Credits in major:** 135 credits **GPA cumulative minimum:** 2.5 **GPA major minimum:** 2.5	• As shown 90 credits including 2 credits free elective to get to 180. • *Choose *MEGR 322–Thermodynamics II or MEGR 372–Machine Elements II* • Engineering electives vary from year to year and must be approved by department. • MEGR students who transfer into mechanical engineering without credit for MEGR 181 Innovative Design must take an additional 2 credits of approved ME electives for a total of 11 credits. • Fundamentals of Engineering (FE) examination is required for graduation **For complete information on courses, prerequisites, etc, use this information in conjunction with the online Catalog (http://catalog.seattleu.edu/) for the current year.**

The example below assumes that you enter Seattle University with junior standing (90 credits), have earned a transferable associate's degree, and have successfully completed the following:
CHEM 121/131, MEGR 210, MEGR 230, MATH 134, MATH 135, MATH 136, MATH 232, MATH 233, MATH 234, PHYS 121, PHYS 122, PHYS 123, MEGR 105, MEGR 181, CEEGR 221

Students with AST may have additional core requirements depending on community college coursework

Your personal program of study may vary from this example due to prior educational experience or individual goals.

	FALL		WINTER		SPRING	
	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
JUNIOR	MEGR 281– Engr. Methods	4	MEGR 371 – Machine Elements	5	MEGR 304 – Data Acqui. and Instrumentation	4
JUNIOR	MEGR 306 – Machine Shop	1	ECEGR 315 – Elements of Electrical Engr.	5	MEGR 324 – Heat Transfer	5
JUNIOR	MEGR 321 – Thermodynamics	5	CEEGR 331 – Fluid Mechanics	4	MEGR 322 or 372*	4
JUNIOR	MEGR 350 – Materials Science	5			UCOR 2XXX	5
SENIOR	MEGR 435 – Dynamic Systems	5	MEGR 438 – Control Systems	4	MEGR Elective	3
SENIOR	MEGR 487 – Engr. Design I	3	MEGR 488 – Engr. Design II	4	MEGR Elective	3
SENIOR	UCOR 2XXX	5	MEGR Elective	3	MEGR 489 – Engr. Design III	3
SENIOR	Free elective	2	CEEGR 302 –Global Engineering Econ	3	UCOR 2XXX	5

CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS	SCHOOL/COLLEGE CORE REQUIREMENTS
UCOR 2100 Theological Explorations	UCOR 3600-3640 Social Sciences Global Challenge-**sat in major**	
UCOR 2500 Philosophy of the Human Person		
UCOR 2900-2940 Ethical Reasoning		

COLLEGE OF SCIENCE & ENGINEERING

S&E Advising Center
Engineering 300

Work closely with your academic advisor to plan your program of study and the other co-curricular components of your educational plan.