

DEGREE REQUIREMENTS

Credits: minimum of 180 credits
Credits in major: 135 credits
GPA cumulative minimum: 2.50
GPA major minimum: 2.50

CURRICULUM NOTES

- *Assumes trigonometry (MATH 1022) not needed due to placement exam or college credit
- Assumes placement into MATH 1334 by SAT/ACT/SU math placement exam or college credit
- **Choose MEGR 4210-Thermodynamics II or MEGR 4720-Machine Design II
- Students are required to take 6 credits of approved Mechanical Engineering senior electives
- Fundamentals of Engineering (FE) examination is required for graduation
- As shown 181 credits

For complete information on courses, pre-requisites, etc., use this information in conjunction with the online Catalog (<http://catalog.seattleu.edu/>) for the current year. The example below assumes you have completed no degree requirements. Your personal program of study may vary from this due to prior educational experience or individual goals.
^p Indicates prerequisite required for course ^c Indicates co-requisite required for course

FALL

WINTER

SPRING

	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
FRESHMAN	^p MATH 1334 Calculus I (MATH 1022 Trig must be sat)*	5	^p MATH 1335 Calculus II	5	^p MATH 1336 Calculus III	5
	MEGR 1000 Intro to Mechanical Engineering	1	^p PHYS 1210/ 1211 Mechanics/Mechanics Lab	5	^p PHYS 1220/ 1221 Electricity & Magnetism/Elec & Mag Lab	5
	UCOR 1XXX	5	MEGR 1050 Engr Graphics and Design	3	^p MEGR 1890 Integrated Engineering Design Project 1	3
	UCOR 1XXX	5	MEGR 1060 Machine Shop	1		
SOPHOMORE	^p MATH 2330 Multivariable Calculus	3	^p MATH 2320 Linear Algebra	3	^p MATH 2340 Differential Equations	4
	^p PHYS 1230/ 1231 Waves & Optics/Waves & Optics Lab	5	^p CHEM 1500/1501 General Chem I/Lab	5	^p CEEGR 2210 Mechanics of Materials I	4
	^p MEGR 2100 Statics	4	^p MEGR 2300 Dynamics	4	^p MEGR 2810 Engr Methods	4
	UCOR 1XXX	5	UCOR 1XXX	5	^p MEGR 2890 Integrated Engineering Design Project 2	3
JUNIOR	^p MEGR 3210 Thermodynamics	5	^p MEGR 3360 Instrumentation and Data Acquisition 1	4	^p MEGR 3370 Instrumentation and Data Acquisition 2	4
	^p MEGR 3500 Materials Science	5	^p MEGR 3710 Machine Design I	4	^p MEGR 3240 Heat Transfer	4
	UCOR 2XXX	5	^p CEEGR 3310 Fluid Mechanics	4	CEEGR 3020 Global Engr Economics	3
			UCOR 2XXX	5	^p MEGR 3890 Integrated Engineering Design Project 3	3
SENIOR	^p MEGR 4870 Engineering Design I	3	^p MEGR 4880 Engineering Design II	4	^p MEGR 4890 Engineering Design III	3
	^p MEGR 4350 Dynamic Systems	5	^p MEGR 4380 Control System	4	^p Mechanical Engineering Senior Elective	3
	^p Mechanical Engineering Senior Elective or MEGR 4720**	3	^p Mechanical Engineering Senior Elective or MEGR 4210**	3	UCOR 3XXX	5
	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 – satisfied in major	UCOR 2500 Philosophy of the Human Person	UCOR 3400 Humanities & Global Challenges
UCOR 1300 Creative Expression and Interpretation	UCOR 2900-2940 Ethical Reasoning	UCOR 3600 Soc Sci& Global Challenges- sat in major
UCOR 1400 Inquiry Seminar in the Humanities		
UCOR 1600 Inquiry Seminar in the Social Sciences		
UCOR 1800 Inquiry Seminar Natural Sci. – satisfied in major		

