

DEGREE REQUIREMENTS	CURRICULUM NOTES
<p>Credits: 180</p> <p>Credits in major: 90</p> <p>GPA cumulative minimum: 2.0</p> <p>GPA major minimum: 2.0</p>	<p>PHYS electives vary from year to year. Typically rotating through the following course possibilities: <i>PHYS 3400</i> Nonlinear Dynamical Systems and Chaos; <i>PHYS 3620</i> Introduction to Astrophysics; <i>PHYS 3630</i> Introduction to Geophysics; <i>PHYS 4300</i> Modern Optics for Physicists and Engineers; <i>PHYS 4500</i> Atomic Physics; <i>PHYS 4700</i> Solid-State Physics; and <i>PHYS 4860</i> Particle and Nuclear Physics</p> <p>The example below assumes you have completed the following prerequisites</p> <ul style="list-style-type: none"> • Enter Seattle University with junior standing (90 credits), • Have earned a transferable associate’s degree, • Have completed full year of calculus and calculus based physics, one quarter each linear algebra, multivariable calculus, differential equations <p>Students with AST may have additional core requirements depending on community college coursework</p>

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

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.

FALL		WINTER		SPRING		
COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS	
JUNIOR	PHYS 2500 Math Methods for Physics	4	PHYS 3300 Electromagnetic Field Theory	5	PHYS 2050 Modern Physics	5
	PHYS 3100 Classical Mechanics	5	UCOR 2XXX	5	PHYS 2060 Modern Physics Laboratory	3
	ECEGR 1000 Computing for Engineers	5	General Electives	5	UCOR 2XXX	5
					General Elective	5
SENIOR	PHYS 4870 Senior Synthesis	3	Science Elective	5	PHYS Elective (3000 level or above)	5
	UCOR 2XXX	5	UCOR 36XX	5	Science Elective	5
	Science Elective	5	General Electives	5	General Elective	5

CORE MODULE I REQUIREMENTS	CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS	
	UCOR 2100 Theological Explorations	UCOR 3600-3640 Social Sciences Global Challenge	
	UCOR 2500 Philosophy of the Human Person		
	UCOR 2900-2940 Ethical Reasoning		



Science and Engineering Advising Center
 206.296.2500, Engineering 300
 8:30am – 4:30pm Monday - Friday
<http://www.seattleu.edu/scieng/advising/>

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

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