PHYSICS	Bachelor of Science in Physics	2 YEAR TYPICAL PROGRAM OF STUDY	2013-2014

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 180 credits **Credits in major:** 101 **GPA cumulative minimum:** 2.0 **GPA major minimum:** 2.0	PHYS ELECTIVES vary from year to year depending on faculty schedule, when course was last taught, student interest, etc. Typically the PHYS ELECTIVES rotate through the following course possibilities: PHYS 340 Nonlinear Dynamical Systems and Chaos; PHYS 362 Introduction to Astrophysics; PHYS 363 Introduction to Geophysics; PHYS 430 Modern Optics for Physicists and Engineers; PHYS 450 Atomic Physics; PHYS 470 Solid-State Physics; and PHYS 486 Particle and Nuclear Physics. **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, have completed all math requirements through differential equations, and have previously completed the following sophomore-level course: PHYS 205 Modern Physics.
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	PHYS 250 Math Methods for Physics	4	PHYS 203 Thermodynamics	2	PHYS 206 Modern Physics Laboratory	3
	PHYS 310 Classical Mechanics	5	PHYS 330 Electromagnetic Field Theory	5	PHYS 385 Quantum Mechanics	5
	ECEGR 101 Eng. Prob. Solving MATLAB	3	UCOR 2XXX	5	UCOR 2XXX	5
	UCOR 2XXX	5	General Elective	5	PHYS Elective	4
SENIOR	PHYS 410 Advanced Classical Physics	5	PHYS 370 Advanced Physics Laboratory	4	PHYS Elective	4
	PHYS 487 Senior Synthesis	3	PHYS 420 Statistical and Thermal Physics	4	General Elective	5
	Science Elective	5	UCOR 36XX	5	General Elective	5

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		