PHYSICS	Bachelor of Arts in Physics	TYPICAL JUNIOR TRANSFER PROGRAM OF STUDY	2014-2015

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 180 credits **Credits in major:** 88 **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 3400 Nonlinear Dynamical Systems and Chaos; PHYS 3620 Introduction to Astrophysics; PHYS 3630 Introduction to Geophysics; PHYS 4300 Modern Optics for Physicists and Engineers; PHYS 4500 Atomic Physics; PHYS 4700 Solid-State Physics; and PHYS 4860 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 NOT previously completed the following sophomore-level course: PHYS 2050 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 2500 Math Methods for Physics	4	PHYS 3300 Electromagnetic Field Theory	5	PHYS 2050 Modern Physics	5
	PHYS 3100 Classical Mechanics	5	UCOR 2XXX University Core	5	PHYS 2060 Modern Physics Laboratory	3
	ECEGR 1010 Eng. Prob. Solving	3	General Elective	5	UCOR 2XXX University Core	5
	UCOR 2XXX University Core	5			General Elective	3
SENIOR	PHYS 4870 Senior Synthesis	3	Science Elective	5	PHYS Elective	5
	Science Elective	5	General Electives	10	Science Elective	5
	UCOR 36XX University Core	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		

COLLEGE OF SCIENCE & ENGINEERING
Advising Center, ENGR 300

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