2024-2025	BA.PHYS - Bachelor of Arts in Physics	Sample 2 Year Educational Plan

The example below assumes that you enter Seattle University with junior standing (90 credits), have earned a transferable associate degree, have completed all math requirements through differential equations, and have previously completed the following sophomore-level course:

- PHYS 2050 Modern Physics, or its equivalent.
- Students with AST may have additional core requirements depending on community college coursework

Visit the Transfer Equivalency Guide on the Transfer Tools site for more information on how your credits may transfer to SU: https://www.seattleu.edu/registrar/transfer-tools/. Some courses not listed on the Transfer Equivalency Guide may still transfer to SU. For courses not found on this tool, compare course descriptions with SU's course catalog to determine equivalent courses at your college/university: http://catalog.seattleu.edu/

*This is a sample and not the only way to complete this plan. Number of credits are in parentheses. *Some classes have prerequisites.*

Year 1

Fall	Winter	Spring	Steps for Success
PHYS 2500 Math Methods for Physics* (4)	PHYS 2030 Thermodynamics* (2)	PHYS 2060 Modern Physics Laboratory* (3)	
PHYS 3100 Classical Mechanics* (5)	PHYS 3300 Electromagnetic Field Theory* (5)	PHYS 3850 Quantum Mechanics* (5)	
CPSC 1220 or ECEGR 2000* (5)	UCOR Module II* (5)	UCOR Module II* (5)	
	General Elective (5)	General Elective (5)	

Year 2

Fall	Winter	Spring	Steps for Success
PHYS 4870 Senior Synthesis* (3)	PHYS Elective (5)	PHYS Elective (5)	
Science Elective (5)	UCOR Module III* (5)	General Elective (5)	
UCOR Module II* (5)	General Elective (5)	General Elective (5)	

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University Core Requirements

UCOR classes (SU's general education courses) are listed in the sample plan by what module is recommended. See below for UCOR course titles listed by Module. See my.seattleu.edu for prerequisites and www.seattleu.edu/core for course descriptions. Honors and Matteo Ricci students have different Core requirements.

Module I

~~**UCOR 1100** Academic Writing Seminar~~
~~*UCOR 1200 Quantitative Thinking*~~
~~**UCOR 1300** Creative Expression & Interpretation~~
~~**UCOR 1400** Inquiry Seminar in the Humanities~~
~~**UCOR 1600** Inquiry Seminar in the Social Sciences~~
~~*UCOR 1800 Inquiry Seminar in the Natural Sciences*~~
The assumption is that 2-year students have completed equivalent courses.

Module II

UCOR 2100 Theological Explorations
UCOR 2500 Philosophy of the Human Person
UCOR 2900-2940 Ethical Reasoning

Module II

UCOR 3400 Humanities and Global Challenges

Important Major Information

- Overall Credits Minimum: 180
- Credits in Major Minimum: 89
- GPA Major Minimum: 2.0
- GPA Cumulative Minimum: 2.0

Resources for Success

- Map out your own plan through My.SeattleU.edu
- Meet with a Career Coach from the Career Engagement Center
- Sign up for academic support with Learning Assistance Programs
- Learn more about academic advising on the Advising Services page

Notes

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 3450 Introduction to Numerical Methods; 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.
*Asterisk denotes course prerequisite(s) and corequisite(s)

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Use MySeattleU Student Planning to plan your courses and work closely with your academic advisor on your educational plan. You are responsible for knowing information and tracking changes.
Contact your Advising Center for support.

Science & Engineering Advising
se-adv@seattleu.edu

Seattle U Advising Services
http://www.seattleu.edu/advising