

The example below assumes that when you enter Seattle University with Junior standing (90 credits), have earned a transferable associate degree, and have completed the following:

- A full year of Calculus and 1 quarter each of Multivariable Calc, Differential Equations, and Linear Algebra, Calc- based Physics
- Students with associate degree 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
MATH 3411 – Probability* or MATH 3430 – Complex Variables* (5)	MATH 3440 – Nonlinear Sys & Modeling* or MATH 3450 – Numerical Methods* (5)	MATH 4440 – Fourier Analysis* or MATH Elective – 3000 level (5)	<input type="checkbox"/> Meet with your academic advisor quarterly for registration approval <input type="checkbox"/> Explore career options at the “What Can I Do with This Major” page
MATH 3000 – Advanced Mathematics* (5)	MATH Elective – 3000 level (5)	Cognate Elective (CPSC 1220) (5)	
MATH 3001 – Math Communication* (2)	UCOR Module II* (5)	UCOR Module II* (5)	
UCOR Module II* (5)			

## Year 2

Fall	Winter	Spring	Steps for Success
MATH 4481 – Senior Synthesis I* (2)	MATH 4482 – Senior Synthesis II* (2)	MATH 4483 – Senior Synthesis III* (1)	<input type="checkbox"/> Apply for graduation on MySeattleU <input type="checkbox"/> Finalize educational plan
MATH 4421 – Abstract Algebra I* or MATH 4431 – Real Analysis I* (5)	MATH 3440 – Nonlinear Systems* or MATH 3450 – Numerical Methods* (5)	MATH 4440 – Fourier Analysis* or MATH Elective – 3000 level (5)	
MATH 4990 – Undergrad Research* (1)	MATH 4422 – Abstract Algebra II* or MATH 4432 Real Analysis II* (5)	MATH 4990 – Undergrad Research* (1)	<input type="checkbox"/> Register for Math GRE (If considering graduate school)
UCOR 3400 – University Core* (5)	MATH 4990 – Undergrad Research* (2)	Cognate Electives (8)	<input type="checkbox"/> Attend career events
		General Elective (2)	<input type="checkbox"/> Post grad planning

*Continued next page*

## 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](http://my.seattleu.edu) for prerequisites and [www.seattleu.edu/core](http://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 Ethical Reasoning

### Module III

UCOR 3400 Humanities and Global Challenges

## Important Major Information

- Overall Credits Minimum: 180
- Credits in major Minimum: 89-93
- GPA cumulative minimum: 2.5
- GPA major minimum: 2.5

## Resources for Success

- Map out your own plan through My.SeattleU.edu
- Meet with a Career Coach from Career Engagement Office
- Sign up for academic support with Learning Assistance Programs
- Explore career options at the “What Can I Do with This Major” page
- Learn more about academic advising on the Advising Services page

## Notes

- Cognate electives include Computer Science, Economics, and/or Natural Science approved by advisor. Must include at least one Computer Science Applications or Programming course.
- MATH 4990 will be waved for students completing NSF REU experience, senior design project or other approved research project.
- With Chair approval, 10 credits upper division work in Computer Science or Natural Science may be substituted for 10 credits in mathematics.
- MATH 3001 – Math Communication is highly recommended and can count as a math elective
- \* Asterisk denotes prerequisite(s) and corequisite(s) for course

**SEATTLEU**

COLLEGE OF  
SCIENCE AND ENGINEERING

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](mailto:se-adv@seattleu.edu)

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