

| DEGREE REQUIREMENTS | CURRICULUM NOTES |
|--|--|
| <p>Credits: minimum of 180 credits</p> <p>Credits in major: 122</p> <p>GPA cumulative minimum: 2.5</p> <p>GPA major minimum: 2.5</p> | <ul style="list-style-type: none"> Assumes placement into MATH 1334 by SAT/ACT, SU placement exam or college credit. *Assumes trigonometry not needed (MATH 1022) due to placement exam or college credit. A grade of C (2.00) is required in all CPSC courses that are used to satisfy major requirements. Students may take 5000-level CPSC electives to satisfy elective requirements with permission of chair. Up to ten credits of 5000-level CPSC electives may apply towards the Master of Science in Computer Science degree at Seattle University. <p>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.</p> <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> <p>^P Indicates prerequisite required for course ^C Indicates co-requisite required for course</p> |

| | FALL | WINTER | SPRING | | | |
|------------------|--|---------|---|---------|--|---------|
| | COURSE | CREDITS | COURSE | CREDITS | COURSE | CREDITS |
| FRESHMAN | ^P CPSC 1420 Programming and Problem Solving I | 5 | ^P CPSC 1430 Programming and Problem Solving II | 5 | ^P CPSC 2430 Data Structures | 5 |
| | ^P MATH 1334 Calculus I | 5 | ^P MATH 1335 Calculus II | 5 | ^P MATH 1336 Calculus III | 5 |
| | UCOR 1XXX University Core | 5 | UCOR 1XXX University Core | 5 | UCOR 1XXX University Core | 5 |
| SOPHOMORE | ^P CPSC 2500 Computer Organization | 5 | ^P CPSC 3300 Fundamentals of Databases | 5 | ^P CPSC 3500 Computing Systems | 5 |
| | ^P CPSC 2600 Foundations of Computer Science | 5 | ^P MATH 2310 Probability & Statistics | 5 | ^P PHYS 1210 Mechanics & PHYS 1211 Mechanics Lab | 5 |
| | UCOR 1XXX University Core | 5 | UCOR 2XXX University Core | 5 | UCOR 2XXX University Core | 5 |
| JUNIOR | ^P CPSC 3200 Object-Oriented Development | 5 | ^P CPSC 4100 Algorithms | 5 | ^P CPSC 3400 Languages & Computation | 5 |
| | Science Elective | 5 | Science Elective | 5 | ^P CPSC Elective (4000-level) | 5 |
| | UCOR 2XXX University Core | 5 | UCOR 3XXX University Core | 5 | UCOR 3XXX University Core | 5 |
| SENIOR | ^P CPSC 4870 Software Engineering & Proj Dev I | 5 | ^P CPSC 4880 Software Engineering & Proj Dev II | 3 | ^P CPSC 4890 Software Engineering & Proj Dev III | 3 |
| | ^P CPSC 4800 Technical Communications | 3 | ^P CPSC Elective (4000-level) | 5 | ^P CPSC Elective (4000-level) | 5 |
| | ^P CPSC Elective (4000-level) | 5 | UCOR 3XXX University Core | 5 | General Elective | 5 |
| | ^P MATH 2320 Linear Algebra | 3 | General Elective | 3 | | |

| CORE MODULE I REQUIREMENTS | CORE MODULE II REQUIREMENTS | CORE MODULE III REQUIREMENTS |
|--|--|---|
| UCOR 1100 Academic Writing Seminar | UCOR 2100 Theological Explorations | UCOR 3100 Religion in a Global Context |
| UCOR 1200 Quantitative Reasoning – satisfied in major | UCOR 2500 Philosophy of the Human Person | UCOR 3400 Humanities & Global Challenges |
| UCOR 1300 Creative Expression and Interpretation | UCOR 2900-2940 Ethical Reasoning | UCOR 3600 Social Sciences & Global Challenges |
| UCOR 1400- Inquiry Seminar in the Humanities | | |
| UCOR 1600- Inquiry Seminar in the Social Sciences | | |
| UCOR 1800 Inquiry Seminar Natural Sci. – satisfied in major | | |



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

This is a sample plan that is subject to change.
Work closely with your academic advisor to plan your program of study and the other co-curricular components of your educational plan.

Updated 5/31/2019