# Bachelor of Science in Biochemistry

## PROGRAM OF STUDY

### DEGREE REQUIREMENTS
- **Credits**: minimum of 180 credits
- **Credits in major**: 109
- **GPA cumulative minimum**: 2.0
- **GPA major minimum**: 2.0

### CURRICULUM NOTES
- 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.
- CHEM Electives = 3520/21 – Physical Chemistry; Photochem; 4000 – Instrumental Analysis; 4700/4701 – Advanced Inorganic Chemistry/Lab
- BIOL Electives = 1630/1631 – Gen Biol III; 2700 – Genetics; 3100 – Microbiology; 4700 – Molecular Genetics; 4750/4751 – Cell Biology

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.

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.

* Indicates prerequisite required for course  
* Indicates co-requisite required for course

### FALL

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>*MATH 1334 Calculus I (<em>MATH 1022 Trig must be sat)</em></td>
<td>5</td>
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<tr>
<td>CHEM 1500/1501 General Chemistry I/Lab</td>
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<tr>
<td>UCOR 1XXX University Core</td>
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<tr>
<td>*CHEM 2500/2501 Org. Chemistry Struct and React.</td>
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<td>*PHYS 1220/1221 Elect. &amp; Mag/ Elect. &amp; Mag Lab</td>
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<tr>
<td>*MATH 1335 Calculus II</td>
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<td>*CHEM 1510/1511 General Chemistry II/Lab</td>
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<td>*CHEM 2510/2511 Org. Chemistry: Functional Groups</td>
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<tr>
<td>*PHYS 1230/1231 Waves &amp; Optics/ Waves &amp; Optics Lab</td>
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<td>BIOL 1610/1611 Biol I Cell and Mol/Lab</td>
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<td>*CHEM 2520/2521 Org. Chemistry: Rxns of Pi Systems</td>
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<td>*CHEM 3510/11 Physical Chemistry: Thermo &amp; Kinetics</td>
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<td>*CHEM 1520 General Chemistry III</td>
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<td>CHEM Elective</td>
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<td>*CHEM 2510/2511 Org. Chemistry: Functional Groups</td>
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<tr>
<td>UCOR 3XXX University Core</td>
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### CORE MODULE I REQUIREMENTS
- UCOR 1100 Academic Writing Seminar
- UCOR 2100 Theological Explorations
- UCOR 1200 Quantitative Reasoning – satisfied in major
- UCOR 2500 Philosophy of the Human Person
- UCOR 1300 Creative Expression and Interpretation
- UCOR 2900-2940 Ethical Reasoning
- UCOR 1400 Inquiry Seminar in the Humanities
- UCOR 1600 Inquiry Seminar in the Social Sciences
- UCOR 1800 Inquiry Seminar Natural Sci. – satisfied in major

### CORE MODULE II REQUIREMENTS
- UCOR 3100 Religion in a Global Context
- UCOR 3400 Humanities & Global Challenges

### CORE MODULE III REQUIREMENTS
- UCOR 3600 Social Sciences & Global Challenges

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

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

**Updated 5/14/2019**