Bachelor of Science in Biochemistry

SUGGESTED 2 YEAR TRANSFER PROGRAM OF STUDY

2019-2020

DEGREE REQUIREMENTS

Credits: 180
Credits in major: 109
GPA cumulative minimum: 2.0
GPA major minimum: 2.0

CURRICULUM NOTES

- 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
- The example below assumes that you have completed the following prerequisites:
  - Enter with junior standing (90 credits)
  - Have earned a transferable associate’s degree
  - A full year of General Chemistry, Organic Chemistry, Calculus and one quarter of General Biology equivalent to BIOL 1610/1611.
  - Students with AST may have additional core requirements depending on community college coursework.
  - In order to graduate in two years, at least two of the following year-long sequences need to be complete prior to transfer: Organic Chemistry, Calculus, Physics. (Prior completion of Organic and Calculus is shown)

Your personal program of study may vary from this due to prior educational experience or individual goals. P Indicates prerequisite required for course  C Indicates co-requisite required for course

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.

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<th>FALL</th>
<th>COURSE</th>
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<th>WINTER</th>
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<td>JUNIOR</td>
<td>^CHEM 3000 Quantitative Analysis</td>
<td>5</td>
<td>^CHEM 2100 Fund of Inorg Chemistry</td>
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<td>^PHYS 1210/1211 Mechanics/Mechanics Lab</td>
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<td>CHEM 4985 Senior Synthesis Seminar I</td>
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<td>BIOL Elective</td>
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<td>^CHEM 3600 Introductory Biochemistry</td>
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<td>SENIOR</td>
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<td>CHEM 3510/3511 Phys Chem: Thermodynamics &amp;K</td>
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<td>^CHEM 4600 Advanced Enzymology</td>
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<td>CHEM 4990 Research or CHEM 4950 Internship</td>
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<td>^CHEM 4610 Theory and Methods for DNA Analysis</td>
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<td>CHEM 4995 Senior Synthesis Seminar I</td>
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<td>^PHYS 1230/1231 Waves &amp; Optics/ Waves &amp; Optics Lab</td>
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CORE MODULE I REQUIREMENTS

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

CORE MODULE II REQUIREMENTS

- UCOR 3600 Social Sciences Global Challenge

CORE MODULE III REQUIREMENTS

- UCOR 3600 Social Sciences Global Challenge

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