

## BIOLOGICAL SCIENCES 4-YEAR ACADEMIC PLAN

### Sample 1: Incoming First Year Student following Standard Curriculum

	Fall Quarter	Units	Winter Quarter	Units	Spring Quarter	Units	Advisor's Comments	Professional Development
<b>First Year</b>	CHE 2A BIS 2B Lower Div English Comp or Non-STEM GE or Elective <b>BIS 005</b>	(5) (5) (3-4) <b>(1)</b>	CHE 2B MAT 17A BIS 2C First Year Seminar	(5) (4) (5) (1-2)	CHE 2C MAT 17B BIS 2A First Year Seminar	(5) (4) (5) (1-2)	Get involved with the Life Sciences Community at UCD and explore the Biological Sciences by enrolling in BIS 005  If you rocked Fall Quarter and are ready for a challenge, add BIS 2B in Winter.	<ul style="list-style-type: none"> <li>Participate in our BioLaunch (biology.ucdavis.edu/BioLaunch) and Mentor Collective Program!</li> <li>Join a student club/organization.</li> <li>Discover global learning opportunities at the Global Learning Hub.</li> <li>Utilize Health Professions Advising (HPA) resources and services if applicable.</li> </ul>
<b>Second Year</b>	CHE 118A MAT 17C Non-STEM GE or Elective Non-STEM GE or Elective	(4) (4) (3-4) (3-4)	CHE 118B STA 100 Non-STEM GE or Elective Non-STEM GE or Elective	(4) (4) (3-4) (3-4)	CHE 118C BIS 101 + 101D Non-STEM GE or Elective Non-STEM GE or Elective	(4) (5) (3-4) (3-4)	Well-balanced schedules with 1 or 2 Non-Stem GE's or Electives make for a successful second year in O-CHEM.	<ul style="list-style-type: none"> <li>Explore research opportunities at the Undergraduate Research Center (URC).</li> <li>Visit the Internship and Career Center (ICC's) for support with job search and career exploration resources.</li> </ul>
<b>Third Year</b>	PHY 7A Plant Physio Topic Ecology Topic Non-STEM GE or Elective	(4) (3-5) (4) (3-4)	PHY 7B EVE 100 Microbiology Topic Non-STEM GE or Elective	(4) (4) (3) (3-4)	PHY 7C BIS 102 BIS Restricted Elective Non-STEM GE or Elective	(4) (3) (3-5) (3-4)		<ul style="list-style-type: none"> <li>Check-In with pre-grad, pre-law advising if you want to learn more about graduate and professional school.</li> </ul>
<b>Fourth Year</b>	Upper Div English Comp BIS 103 BIS Lab Requirement Non-STEM GE or Elective	(3-4) (3) (3-5) (3-4)	Animal NPB Topic BIS Restricted Elective Non-STEM GE or Elective Non-STEM GE or Elective	(3-5) (3-5) (3-4) (3-4)	BIS 104 BIS Lab Requirement BIS Restricted Elective Non-STEM GE or Elective	(3) (3-5) (3-5) (3-4)		<ul style="list-style-type: none"> <li>Actively think about your next steps and align opportunities to help you get closer towards your post-graduation goals.</li> </ul>

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## BIOLOGICAL SCIENCES 4-YEAR ACADEMIC PLAN

### Sample 2: Incoming First Year Student, following Standard Curriculum with Workload Courses

	Fall Quarter	Units	Winter Quarter	Units	Spring Quarter	Units	Advisor's Comments	Professional Development
<b>First Year</b>	WLD 41C (Workload Chem) WLD 910 (Pre MAT 16/17) ELWR Non-STEM GE or Elective <b>BIS 005</b>	(3) (3) (4) (3-4) <b>(1)</b>	CHE 2A MAT 12 Lower Div English Comp Non-STEM GE or Elective	(5) (3) (4) (3-4)	CHE 2B MAT 17A Non-STEM GE or Elective Non-STEM GE or Elective	(5) (4) (3-4) (3-4)	Get involved with the Life Sciences Community at UCD and explore the Biological Sciences by enrolling in BIS 005  WLD 41C- Workload Chem WLD 910  Remember to retake CHE and MAT placement exams to enroll in CHE 2A & MAT 17A.	<ul style="list-style-type: none"> <li>Participate in our BioLaunch (biology.ucdavis.edu/BioLaunch) and Mentor Collective Program!</li> <li>Join a student club or organization!</li> <li>Discover global learning opportunities at the Global Learning Hub.</li> <li>If applicable, utilize Health Professions Advising (HPA) resources and services.</li> </ul>
<b>Second Year</b>	CHE 2C MAT 17B BIS 2B Non-STEM GE or Elective	(5) (4) (5) (3-4)	CHE 118A MAT 17C BIS 2C Non-STEM GE or Elective	(4) (4) (5) (3-4)	CHE 118B STA 100 BIS 2A Non-STEM GE or Elective	(4) (4) (5) (3-4)	Well-balanced schedules with 1 or 2 Non-Stem GE's or Electives make for a successful second year in O-CHEM.	<ul style="list-style-type: none"> <li>Explore research opportunities at the Undergraduate Research Center (URC).</li> <li>Visit the Internship and Career Center (ICC's) for support with job search and career exploration resources.</li> </ul>
<b>Third Year</b>	PHY 7A CHE 118C BIS 101 + 101D Upper Div English Comp	(4) (4) (5) (4)	PHY 7B Plant Physio Topic Microbiology Topic Non-STEM GE or Elective	(4) (3-5) (3) (3-4)	PHY 7C BIS 102 Ecology Topic Non-STEM GE or Elective	(4) (3) (4) (3-4)		<ul style="list-style-type: none"> <li>Check-In with pre-grad, pre-law advising if you want to learn more about graduate and professional school.</li> </ul>
<b>Fourth Year</b>	BIS 103 BIS Lab Requirement EVE 100 Non-STEM GE or Elective	(3) (3-5) (4) (3-4)	Animal NPB Topic BIS Restricted Elective Non-STEM GE or Elective Extra Elective	(3-5) (3-5) (3-4) (3-4)	BIS 104 BIS Lab Requirement BIS Restricted Elective Non-STEM GE or Elective	(3) (3-5) (3-5) (3-4)		<ul style="list-style-type: none"> <li>Actively think about your next steps and align opportunities to help you get closer towards your post-graduation goals.</li> </ul>

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## BIOLOGICAL SCIENCES 4-YEAR ACADEMIC PLAN

Incoming Transfer Student, following Standard Curriculum in 2 years

Preparatory Subject Matter (including PHY 7ABC and CHE 118ABC) COMPLETE at the time of transfer

	Fall Quarter	Units	Winter Quarter	Units	Spring Quarter	Units	Advisor's Comments	Professional Development
<b>Third Year</b>	BIS 102 STA 100 Upper Div English Comp or Non-STEM GE or Elective <b>BIS 198</b>	(3) (4) (3-4) <b>(1)</b>	BIS 103 Microbiology Topic Non-STEM GE or Elective Non-STEM GE or Elective	(3) (3) (3-4) (3-4)	BIS 101 + 101D Ecology Topic Non-STEM GE or Elective Non-STEM GE or Elective	(5) (4) (3-4) (3-4)	<p>Get involved with the Life Sciences Community at UCD and explore the Biological Sciences by enrolling in BIS 198</p> <p>Be kind to yourself in Fall! The challenge should be adjusting to your new academic environment not a challenging course load or a high number of units. It is okay to go easy on yourself and take 12-13 units.</p> <p>Ensure that your partial or full IGETC was received by UCD by reaching out to our office.</p>	<ul style="list-style-type: none"> <li>• Participate in our BioLaunch (biology.ucdavis.edu/BioLaunch) and Mentor Collective Program!</li> <li>• Focus on building community with other transfer students! For example, think about visiting the Transfer and Reentry Center!</li> <li>• Explore research opportunities at the Undergraduate Research Center (URC).</li> <li>• If applicable, utilize Health Professions Advising (HPA) resources and services.</li> <li>• Check-In with pre-grad, pre-law advising if you want to learn more about graduate and professional school.</li> </ul>
<b>Fourth Year</b>	Plant Physio Topic BIS Lab Requirement BIS Restricted Elective Non-STEM GE or Elective	(3-5) (3-5) (3-5) (3-4)	Animal NPB Topic EVE 100 BIS Restricted Elective Non-STEM GE or Elective	(3-5) (4) (3-5) (3-4)	BIS 104 BIS Lab Requirement BIS Restricted Elective Non-STEM GE or Elective	(3) (3-5) (3-5) (3-4)		<ul style="list-style-type: none"> <li>• Visit the Internship and Career Center (ICC's) for support with job search and career exploration resources.</li> <li>• Actively think about your next steps and align opportunities to help you get closer towards your post-graduation goals.</li> </ul>

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