

Previous catalog years

[2016/2017](#)[2017/2018](#)[2018/2019](#)[2019/2020](#)[2020/2021](#)[2021/2022](#)

**Catalog Year 2022-23**  
**Biology, B.S.**  
**Eastern Connecticut State University**

**Campus contact for this program**Professor Elizabeth Cowles, [CowlesE@easternct.edu](mailto:CowlesE@easternct.edu)

These requirements are effective if you declared the **Transfer Ticket: CSCU Pathway Transfer Degree: Biology Studies, A.A.**, for the 2016/17 through 2022/23 academic year.

Follow this [link](#) for important information about when and how to apply for transfer to a State University or Charter Oak State College.

Once you complete the **CSCU Pathway Transfer Degree: Biology Studies, A.A.**, the following requirements remain at Eastern Connecticut State University for you to complete the **Biology, B.S.** You should meet with your campus contact for this program before registering for courses to ensure that you select the correct courses and the best order for taking them.

Both BIO 120 and BIO 130 (BIO 121 and 122 in the community college Transfer Ticket) must be successfully completed with a grade of C- or better prior to starting BIO 220 or BIO 230. Both BIO 220 and BIO 230 must be successfully completed with a grade of C- or better before starting on the required upper-level courses.

<b>General Education Requirements</b>	<b>12-21 credits</b>
<a href="#">Link to course options for general education</a>	
Cultural Perspectives (select one)	3 credits
Applied Information Technologies (if not completed in Pathway Transfer Degree, select MAT 216, Statistical Data Analysis)	0-3 credits
Creative Expressions (If not completed in Pathway Transfer Degree, select one)	0-3 credits
Individuals and Societies (If not completed in Pathway Transfer Degree, select one)	0-3 credits
Foreign Language Proficiency	0-6 credits
<a href="#">Link to foreign language proficiency requirements</a>	
Tier 3 Capstone, BIO 466 Senior Seminar	3 credits
<b>Major Program Requirements</b>	<b>28-40 credits*</b>
PHY 204 General Physics w/Lab	
OR	4 credits
PHY 205 Physics II w/Lab	
MAT 254 Calculus I (if not completed at Community College)	0-4 credits
BIO 220 Cell Biology	4 credits
BIO 334 General Microbiology	4 credits
BIO 230 Genetics	4 credits
BIO 300-400 Elective	4 credits
BIO 300-400 Elective in Population Biology and Ecology	4 credits
BIO 300-400 Elective in Organismal Biology	4 credits
Select two BIO 300-400 Electives, depending on courses taken at Community College	0-8 credits

**Unrestricted Electives****0-12 credits\***

\*Your total number of unrestricted elective credits will depend upon how you met your foreign language proficiency requirement and whether you completed Physics courses in your **Pathway Transfer Degree**.

**Remaining credits for the Biology, B.S.****60-61 credits**