

Capital Scholars Honors Program Advising Guide for Biology Majors

Capital Scholars Honors students planning to major in Biology will complete the following requirements:

Capital Scholars course work	39	Hrs.
Foreign Language Requirement	4 (0) – 16	Hrs.
Prerequisites for major (BIO 141-241, CHE 141-241)	16	Hrs.
BIO Major core classes	32	Hrs.
UIS General Education Requirements (Oral Comm, Speakers Series, Humanities, Math)	13	Hrs.
Electives	4 – 20	Hrs.
Total	120	Hrs.

Students can graduate with honors in biology. Capital Scholars Biology majors with a GPA greater than 3.25 at the end of their second semester at UIS may elect to participate in the biology honors option. In addition to biology program and UIS requirements, honors students must complete BIO 302 Honors Seminar, BIO 402 Biometrics, BIO 400 Undergraduate Research (4 hours), and present their findings in a formal paper and public seminar. Students must apply for participation in the Biology honors program to the program chair and obtain approval of their faculty research adviser before beginning the program. CAP Honors students who do not participate in the Biology honors option should enroll in CAP 3AA: Scholarly Methods, CAP 3XX: Honors Topics, and CAP 49X: Senior Thesis/Project

The Biology Department has no preference as to which foreign language Capital Scholars Biology Majors study.

Capital Scholars Biology Majors planning to spend a semester abroad should normally plan to be abroad during the spring semester of their junior year. See your Biology advisor no later than the first semester of your second year to begin planning how to complete the requirements for your major in conjunction with your semester abroad.

Recommended Course Schedule

Fall, Year 1

Spring Year 1

CAP 111: Honors Composition	3 Hrs.	CAP 115: Interdisciplinary Writing	3 Hrs.
CAP 122: Who Am I?	3 Hrs.	CAP 121: How Do You Know?	3 Hrs.
CHE 141: Principles of Chemistry	4 Hrs.	CHE 241: Foundations of Inorganic Chemistry	4 Hrs.
BIO 141: Unity of Living Organisms	4 Hrs.	BIO 241: Biology of Organisms in the Environment	4 Hrs.
MAT 115: Calculus 1 (recommended)	3 Hrs.	MAT 121: Applied Statistics (recommended)	3 Hrs.
	17 Hrs.		17 Hrs.

Fall, Year 2

Spring, Year 2

CAP 225: What is Good?	3 Hrs.	CAP 226: What is Power?	3 Hrs.
CHE 367/368 Organic Chemistry w/ lab	4 Hrs.	COM 112: Oral Communication	3 Hrs.
Foreign Language	4 Hrs.	Foreign Language or elective	4 Hrs.
Visual/Performing Arts Humanities Requirement*	3 Hrs.	CAP 250: Global Issues	3 Hrs.
	14 Hrs.		13-14 Hrs.

* See General Education Course List for approved courses.