

**Capital Scholars Honors Program
Advising Guide for Biochemistry Majors
2019-2020**

Recommended Course Schedule

First Year

Fall Semester	Hours	Spring Semester	Hours
CAP 111: Honors Composition	3 Hrs.	CAP 115: Interdisciplinary Writing	3 Hrs.
CAP 122: Who Am I?	3 Hrs.	CAP 123: How Do You Know?	3 Hrs.
CAP 102: Introduction to Honors	2 Hrs.	Visual/Creative/Performing Arts Requirement	3 Hrs.
Math 115: Calculus I (Skills)	4 Hrs.	MAT 116: Calculus II (Applied)	4 Hrs.
CHE 141: General Chemistry I (* Prerequisites)	4 Hrs.	CHE 142: General Chemistry II	4 Hrs.
CHE 143: Recitation for General Chemistry (must be taken concurrently with CHE 141)	0 Hrs.	Recitation for General Chemistry II (must be taken at the same time as CHE 142)	0 Hrs.
<i>Total</i>	<i>16 Hrs.</i>	<i>Total</i>	<i>17 Hrs.</i>

* High school chemistry and placement in MAT 094 or higher. Students who took CHE 101, need a grade of B or higher.

Summer:

COM 112: Oral Communication	3 Hrs.
<i>TOTAL</i>	<i>3 Hrs.</i>

Second Year

Fall Semester	Hours	Spring Semester	Hours
CAP 225: What is Good?	3 Hrs.	CAP 226: What is Power?	3 Hrs.
CHE 267: Organic Chemistry I (also offered in the summer)	3 Hrs.	CHE 269: Organic Chemistry II	3 Hrs.
CHE 268: Organic Chemistry I Lab	1 Hrs.	CHE 271 Organic Chemistry II lab	1 Hr.
ASP 201: University Physics I	4 Hrs.	ASP 202: University Physics II	4 Hrs.
BIO 141: Unity of Living Organisms (optional, not required until Junior year)	4 Hrs.	BIO 241: Biology of Organisms in the Environment	4 Hrs.
Social/ Behavioral Science	3 Hrs.	CAP 25x/35x: Global Issues	3 Hrs.
<i>Total</i>	<i>18 Hrs.</i>	<i>Total</i>	<i>18 Hrs.</i>

Honors Global Awareness Requirement: Junior and Senior Year (unless you take summer classes)

CAP 402: Senior Seminar (1 credit hour) - suggested fall semester of senior year.

All Chemistry Majors must complete 3 hours of CHE 400 ECCE: Undergraduate Research before graduation. Talk to your Chemistry faculty advisor in your sophomore and junior years to arrange this.

ECCE (Engaged Citizenship Common Experience) 10 Hours	CAP Courses That Count Towards ECCE
<ul style="list-style-type: none"> • U.S. Communities (3 hrs) 	
<ul style="list-style-type: none"> • Global Awareness (3 hrs) 	CAP 25x/35x: Global Issues
<ul style="list-style-type: none"> • Engagement Experience (3 hrs) 	CAP 371: Peer Mentoring/ CAP 361: Peer Tutoring (also CHE 302 or CHE 400 Undergraduate Research)
<ul style="list-style-type: none"> • Speakers Series (1 hr) 	

Students complete ECCE requirements in at least 2 of the 3 ECCE categories-U.S. Communities, Global Awareness, Engagement Experience (per CAP and major requirements)-in addition to Speakers Series- 10 Hours.

Students who are pre-professional (pre-med, pre-vet, etc.) should review the pre-professional website and meet with a pre-professional advisor <http://www.uis.edu/preprofessional/>.