

FRESHMAN	COURSES	CREDITS	TOTAL
FALL	AIC1140, The Undergraduate Experience (or AIC1100 or HON1104, 3 Cr)	1	14
	ENG1201, English Composition	3	
	BIO1400, Biology I with lab, BIO1401	4	
	Gen Ed Course (Soc Aw or Cult Aw)***	3	
	Gen Ed Cours (Soc Aw or Cult Aw)***	3	
SPRING	ENG1202, Analytical Writing	3	14
	BIO1500, Biology II with lab, BIO1501	4	
	MAT1840, College Algebra and Trig	4	
	Gen Ed Course (Soc Aw or Cult Aw)***	3	
SOPHOMORE			
FALL	BIO1300, Prin of Microbiology with lab BIO1301 or BIO2430 Microbiology, with lab BIO2431	4	16
	CHE1600, General Chemistry I (includes CHE 1602, Review)	4	
	CHE1601, General Chemistry Lab I	1	
	MAT2400, Calculus I	4	
	COM2200, Information and Technology	3	
SPRING	BIO2400, Comparative Vertebrate Anatomy with lab, BIO2401, or BIO2410, Histology with lab BIO2411, or BIO3440, Ecology with lab BIO3441	4	15
	CHE1700, General Chemistry II (includes CHE1702, Review)	4	
	CHE1701, General Chemistry Lab II	1	
	MAT2004 Biostatistics	3	
Gen Ed Course (Soc Aw or Cult Aw, or Literature)***	3		
JUNIOR			
FALL	BIO, CHE, MAT Elective****	4	14
	CHE2400, Organic Chemistry I	3	
	CHE2401, Organic Chemistry Lab I	1	
	Gen Ed Course (Soc Aw or Cult Aw, or Literature)***	3	
	Gen Ed Course (Soc Aw or Cult Aw, or Literature)***	3	
SPRING	BIO, CHE, MAT Elective****	4	17
	CHE2500, Organic Chemistry II	3	
	CHE2501, Organic Chemistry Lab II	1	
	Gen Ed Course (Soc Aw or Cult Aw, or Literature)***	3	
	Elective	3	
Elective	3		
SENIOR			
FALL	BIO4803, Senior Seminar in Biology or CHE4840, Senior Seminar in Chemistry	3/2	15/14
	BIO, CHE, MAT Elective****	4	
	PHY1600, General Physics I (with PHY1602, Review)	4	
	PHY1601 General Physics I lab	1	
	Elective	3	
SPRING	BIO, CHE, MAT Elective****	4	16
	PHY1800, General Physics II (with PHY1802, Review)	4	
	PHY1801, General Physics II lab	1	
	Elective	3	
	Elective	4	
		TOTAL CREDITS:	121/120

Notes:

*A student will incur additional tuition charges in any semester in excess of 17 credits.

**A student must apply to the Dean for permission to take more than 18 credits in any given semester.

*** General Education courses must be selected to satisfy the General Education requirements in Social Awareness, Cultural Awareness and Literature.

**** Approved BIO, CHE, MAT electives include BIO1200, BIO1210, BIO2XXX, BIO3XXX, CHE2XXX, CHE3XXX, MAT2XXX, or MAT3XXX

List of Requirements (all courses are 3 credits unless otherwise noted)

Program Requirements:

- _____ BIO1400 Biology I, with lab, BIO1401 (4 cr)
- _____ BIO1500 Biology II, with lab, BIO1501 (4 cr)
- _____ CHE1600 General Chemistry I, with review, CHE1602, and lab CHE1601 (5 cr)
- _____ CHE1700 General Chemistry II, with review, CHE1702, and lab CHE1701 (5 cr)
- _____ CHE2400 Organic Chemistry I and lab CHE2401 (4 cr)
- _____ CHE2500 Organic Chemistry II and lab CHE2501 (4 cr)
- _____ PHY1600 General Physics I, with review, PHY1602, and lab PHY1601 (5 cr)
- _____ PHY1800 General Physics II, with review, PHY1802, and lab PHY1801 (5 cr)
- _____ MAT2004 Biostatistics

_____ CREDITS

Choose one from the following courses:

- _____ BIO1300 Principles of Microbiology, with lab, BIO1301 (4 cr)
- _____ BIO2430 Microbiology, with lab, BIO2431 (4 cr)

_____ CREDITS

And one from the following courses:

- _____ BIO2400 Comparative Vertebrate Anatomy, with lab, BIO2401 (4 cr)
- _____ BIO2410 Animal Histology, with lab, BIO2411 (4 cr)
- _____ BIO3440 Ecology, with lab, BIO3441 (4 cr)

_____ CREDITS

Plus one from the following courses:

- _____ BIO4803 Senior Seminar in Biology
- _____ CHE4840 Senior Seminar (2 cr)

_____ CREDITS

Additionally, all interdisciplinary science majors must complete two of the following:

- _____ MAT1840 College Algebra and Trigonometry (4 cr)
- _____ MAT2400 Calculus I (4cr)
- _____ MAT2500 Calculus II, w lab MAT2501

_____ CREDITS

Plus a minimum of 15 credit hours in courses from the following list: BIO1200, BIO1210, any 2000 or higher level in biology, chemistry, or mathematics, with the exception of courses specified by each department

- _____ () _____
- _____ () _____
- _____ () _____
- _____ () _____
- _____ () _____

_____ CREDITS

Plus, the following General Education courses (each line represents one course from the list, except Info & Tech Lit, as noted):

_____ Orientation: AIC1100, AIC1140 (1 cr), or HON1104

_____ Communication skills – Composition: ENG1201 or ENG1601

_____ Communication skills – Composition: ENG1202 or ENG1602

_____ Communication skills – Literature: ENG2410, 2420, 2430, 2500, 2510, 2520, 3200, 3210, 3280, 3290, 3380, 3400, 3410, 3430, 3440, 3450, 3480, 3490, 3800

REQ _____ Quantitative Reasoning: MAT1310, 1430, 2004, 2030; PSY2302 (CRJ2302)

_____ Information and Technological Literacy: COM2200 or, for Business majors, MIS1220 AND BUS1407

REQ _____ Scientific Awareness (course with lab, 4 cr): Any BIO1000-level course with lab; CHE1100, 1110, 1600, 1700; PHY1010, 1020, 1030, 1050, 1600, 1800

REQ _____ Scientific Awareness (course with lab, 4 cr): Any BIO1000-level course with lab; CHE1100, 1110, 1600, 1700; PHY1010, 1020, 1030, 1050, 1600, 1800

_____ Cultural Awareness: AMS1100, ART1000, 1010, 1030, 1100, 1120; COM2460, 3290; HON2210; IBS1420; MUS: any course; PHI1000, 1200, 1400, 2010, 2030; THR1400; VDA2640; Any elementary or intermediate foreign language, including sign language

_____ Cultural Awareness: AMS1100, ART1000, 1010, 1030, 1100, 1120; COM2460, 3290; HON2210; IBS1420; MUS: any course; PHI1000, 1200, 1400, 2010, 2030; THR1400; VDA2640; Any elementary or intermediate foreign language, including sign language

_____ Social Awareness: ECO1000, 1010, 1401, 1402; HON2220; HRD2000; HST1400, 1410, 1420, 1430, 1500, 1510, 1520, 2440; POL1000, 1400, 1500; PSY1401, 1501; SOC1010, 1100, 1400

_____ Social Awareness: ECO1000, 1010, 1401, 1402; HON2220; HRD2000; HST1400, 1410, 1420, 1430, 1500, 1510, 1520, 2440; POL1000, 1400, 1500; PSY1401, 1501; SOC1010, 1100, 1400

_____ Social Awareness: ECO1000, 1010, 1401, 1402; HON2220; HRD2000; HST1400, 1410, 1420, 1430, 1500, 1510, 1520, 2440; POL1000, 1400, 1500; PSY1401, 1501; SOC1010, 1100, 1400

_____ Social Awareness: ECO1000, 1010, 1401, 1402; HON2220; HRD2000; HST1400, 1410, 1420, 1430, 1500, 1510, 1520, 2440; POL1000, 1400, 1500; PSY1401, 1501; SOC1010, 1100, 1400

When counting credits, do not include those for courses included in the major requirements.

_____ **CREDITS**

Plus, enough elective courses to reach a minimum of 120 total credits.

_____ Course: _____

_____ Course: _____

_____ Course: _____

_____ Course: _____

_____ Course: _____

_____ Course: _____

_____ **TOTAL CREDITS**
(120 min req for graduation)