

FRESHMAN	COURSES	CREDITS	TOTAL
FALL	AIC1140, The Undergraduate Experience (or AIC1100 or HON1104, 3 Cr)	1	14
	ENG1201, English Composition	3	
	BIO 1200, Human Anatomy and Physiology I with lab, BIO1201	4	
	Gen Ed Course (Soc Aw or Cult Aw)***	3	
	Gen Ed Course (Soc Aw or Cult Aw)***	3	
SPRING	ENG1202, Analytical Writing	3	14
	BIO1210, Human Anatomy and Physiology II with lab, BIO1211	4	
	MAT1840 College Algebra and Trig	4	
	Gen Ed Course (Soc Aw or Cult Aw)***	3	
SOPHOMORE			
FALL	BIO1400 Biology I with lab, BIO1401	4	16
	CHE1600 General Chemistry I (includes CHE1602, Review)	4	
	CHE1601 General Chemistry Lab I	1	
	MAT2400 Calculus I	4	
	COM2200 Information and Technology	3	
SPRING	BIO1300, Principles of Microbiology, with lab, BIO1301 or BIO2430 Microbiology, with lab, BIO2431	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	BIO2200, Pathophysiology	3	16
	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	
	Elective	3	
SPRING	BIO2400 Comparative Vertebrate Anatomy, with lab, BIO2401 or BIO2410, Animal Histology, with lab, BIO2411	4	15
	BIO3XXX Biology elective, or CHE4200, Biochemistry I, with Lab BIO4201 or CHE4300, Biochemistry II, with lab, BIO4301	4	
	CHE2500 Organic Chemistry II	3	
	CHE2501 Organic Chemistry Lab II	1	
	Gen Ed Course (Soc Aw or Cult Aw, or Literature)***	3	
SENIOR			
FALL	BIO4804 Senior Seminar in Human Biology	3	15
	BIO3XXX Biology elective, or CHE4200, Biochemistry I, with Lab BIO4201 or CHE4300, Biochemistry II, with lab, BIO4301	4	
	PHY1600 General Physics I (with PHY1602, Review)	4	
	PHY1601 General Physics I lab	1	
	Elective	3	
SPRING	BIO4350 Evolution	3	15
	BIO3XXX Biology elective, or CHE4200, Biochemistry I, with Lab BIO4201 or CHE4300, Biochemistry II, with lab, BIO4301	4	
	PHY1800 General Physics II (with PHY1802, Review)	4	
	PHY1801 General Physics II lab	1	
	Elective	3	
		TOTAL CREDITS:	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.

Major Requirements:

_____	BIO1200	Human Anatomy and Physiology I, with lab, BIO1201 (4 cr)	
_____	BIO1210	Human Anatomy and Physiology II, with lab, BIO1211 (4 cr)	
_____	BIO1400	Biology I, with lab, BIO1401 (4 cr)	
_____	BIO2200	Pathophysiology	
_____	BIO4350	Evolution	
_____	BIO4804	Senior Seminar in Human Biology	_____ 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)	_____ CREDITS

Plus a minimum of 12 semester hours of elective credits from the following:

_____	BIO2400	Comparative Vertebrate Anatomy, with lab, BIO2401 (4 cr)	
_____	BIO2410	Animal Histology, with lab, BIO2411 (4 cr)	
_____	BIO3400	Cell Biology, with lab, BIO3401 (4 cr)	
_____	BIO3410	Immunology, with lab, BIO3411 (4 cr)	
_____	BIO3420	Comparative Embryology, with lab, BIO3421 (4 cr)	
_____	BIO3430	Animal Physiology, with lab, BIO3431 (4 cr)	
_____	BIO3450	Genetics, with lab, BIO3451 (4 cr)	
_____	BIO4030	Molecular Biology, with Lab, BIO4031 (4 cr)	
_____	BIO4210	Mammalogy, with lab, BIO4211 (4 cr)	_____ CREDITS

Plus one of the following courses:

_____	CHE4200	Biochemistry I, with lab, CHE4201 (4 cr)	
_____	CHE4300	Biochemistry II, with lab CHE4301 (4 cr)	
_____	MAT2004	Biostatistics	_____ CREDITS

All Human Biology majors must also complete the required core in allied fields:

_____	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, with lab CHE2401 (4 cr)	
_____	CHE2500	Organic Chemistry II, with 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)	_____ CREDITS

Additionally, all Human Biology Majors must complete two of the following courses:

_____	MAT1840	College Algebra and Trigonometry (4 cr)	
_____	MAT2400	Calculus I (4 cr)	
_____	MAT2500	Calculus II, with Lab	_____ 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)