

EXAMPLE SCHEDULE: **BS-Biology Major**

(GE = General Education)

Bold-faced are required without alternatives. Courses don't have to be taken in this order

Fall		Spring	
BIOL 190	Principles of Biology I (4)	BIOL 191	Principles of Biology II (4)
BIOL 190L	Principles of Biology I Lab (0)	BIOL 190L	Principles of Biology II Lab (0)
BIOL 480	Biology Seminar (0)	BIOL 480	Biology Seminar (0)
ICON 100	I-Connect (3) (GE)	COMM 121	Fundamentals of Public Communication (3) (GE)
MATH 125	Algebra & Trig. or higher (by placement) (3)	If weak in chem consider CHEM 121 Intro Chem (3)	
ENGL 101 or 103	English Composition I (3) (GE)	GE	such as Health & Wellness PHES (2-3)
GE	such as Behavioral and Social Science	GE	such as Social Justice. (3)
		GE	such as Franciscan Tradition (3)
16-17 semester credit hours		16-17 semester credit hours (32-34 credit hours total)	
Fall		Spring	
CHEM 141	Principles of Chemistry I (4) (prereq: MATH 122 or 125)	CHEM 142	Principles of Chemistry II (4) (prereq: MATH 125 CHEM 141)
CHEM 141L	Principles of Chemistry I Lab (0)	CHEM 142L	Principles of Chemistry II Lab (0)
BIOL 480	Biology Seminar (0)	Biology Seminar (0)	
Major-Directed Electives (3 or 4 cr. each) 17 cr. overall, such as:		Major-Directed Electives (3-4 cr. each) 17 cr. overall, such as:	
BIOL 226	Microbio & Lab (4) (pre: BIOL 190 & CHEM 141)	BIOL 208	Animal Nutrition (3) (prereq: BIOL 190 & 191)
BIOL 227	Mar. Biol. (3) (prereq: BIOL 121, 190, or 191)	BIOL 257	Biological Field Studies (3)
BIOL 257	Biological Field Studies (3)	BIOL 273	Mammal. A&P II & Lab (4) (prereq BIOL 190 & 191)
BIOL 273	Mammal. A&P I & Lab (prereq: BIOL 190 & 191)	BIOL 344	Developmental Biology (3) (prereq: BIOL 295)
BIOL 290	Comp. Anat. & Lab (4) (prereq: BIOL 190 & 191)	BIOL 348	Behavioral Ecol. (3)
BIOL 347	Invert. Zoology (4)	BIOL 349	Vert. Physiology & Lab (4) (prereq BIOL 190 & 191)
BIOL 353	Forest & Grassland Ecology (3)	BIOL 350	Cell biology (3) (prereq: BIOL 190 & 191)
BIOL 421	Ecology (4) (prereq: BIOL 190, 191 & 296)	BIOL 439	Intro. to Ornithology (3) (prereq: BIOL 190)
BIOL 440	Molecular Biol (3) (prereq:CHEM 142 & BIOL 295)	BIOL 440	Tax. of Flowering Plants (3) (prereq BIOL 190 & 191)
BIOL 474	Virology (prereq: BIOL 295)	BIOL 471	Immunology (3) (prereq: BIOL 295)
GE	such as Theology (3)	BIOL 295	Genetics (4) (prereq BIOL 190 & 191)
		BIOL 295L	Genetics Lab (0)BIOL 480
16 -18 credit hours (48 -52 credit hours total)		16-18 credit hours (64-67 credit hours total)	
Fall		Spring	
CHEM 241	Organic Chemistry I (4)	CHEM 242	Organic Chemistry II (4)
CHEM 241L	Organic Chemistry I Lab (0)	CHEM 242L	Organic Chemistry II Lab (0)
BIOL 480	Biology Seminar (0)	BIOL 480	Biology Seminar (0)
Major-Directed Electives (3 or 4 cr. each) 17 cr. overall as above		Major-Directed Electives (3 or 4 cr. each) 17 cr. overall as above	
GE	such as Philosophy Ethics (3)	BIOL 296	Ecology & Diversity (prereq: BIOL 190&191)(4) (fulfills Care for Creation GE)
GE	such as History (3)	BIOL 296	Ecology & Divers. Lab (prereq: BIOL 190&191)
GE	such as Rhetoric & Research (3)	BIOL 366	Exp. Des. & Research Meth. (writ inten GE) (3)
16 credit hours (at least 80 credit hours total)		16 credit hours (at least 96 credit hours total)	
Fall		Spring	
Major-Directed Electives (3 or 4 cr. each) 17 cr. overall as above		Major-Directed Electives (3 or 4 cr. each) 17 cr. overall as above	
BIOL 480	Biology Seminar (0)	BIOL 480	Biology Seminar (0)
BIOL 401	Senior Capstone (3) (prereq: senior status)	GE	such as Creative Arts (3)
SCIE 257	Physics I (4) (prereq;MATH 125 or MATH223)	SCIE 258	Physics II (4) (prereq; MATH 125 or MATH 223, SCIE 257)
SCIE 257L	Physics I Lab (0)	SCIE 258L	Physics II Lab (0)
GE	such as Lit. or Great Books II (3)	electives	as needed
16 credit hours (112 credit hours total)		16 credit hours (128 credit hours total, 70 within major)	