

University of Saint Francis
Bachelor of Science in Biology

Effective Date: 8-08 (Catalog Year 2009)

Name: _____ ID# _____

Advisor: _____ Expected Graduation Date _____

Evaluation Date:

Evaluation Update:

PT=WORK IN PROGRESS CURRENTLY PENDING TRANSFER

By Placement Courses: 0-10 credit hours

GE Outcome	GE Approved Courses	CR	Plan to Take	Date Taken or Transferred	Repeat	Final Grade
Computer Literacy LO 13	CIS 101, 102, 103 By Placement (no credit toward degree)	0-3				
English	ENGL 100 By Placement (no credit toward degree)	0-2				
Reading LO 8	READ 101, 119, 120, 121 By Placement (no credit toward degree for READ 101)	0-2				
Math	MATH 120 By Placement	0-3				

General Education Courses - Common Content: 9 credit hours

GE Outcomes	GE Approved Courses	CR	Plan to Take	Date Taken or Transferred	Repeat	Final Grade
iConnect LO 2, 3, 4, 5, 6, 27, 29	ICON 100	3				
English Composition LO 9, 14, 18, 20	ENGL 101 English Composition I or ENGL 103 College Writing (only 3 credits towards a degree)	3				
Speech LO 10, 11, 12	COMM 121 Fundamental of Public Communication	3				

General Education Courses: 34-36 credit hours

History LO 1		3				
Society and Environment LO 3		3				
Social Responsibility and Leadership LO 4, 5, 6, 7		3				

Writing Intensive LO 9, 14		0				
Technology Application LO 15		0				
Physical Education LO 16, 17		2-3				
Philosophical Ethics LO 18, 19, 20		3				
Math LO 22	MATH 122 or higher	3				
Science LO 23	BIOL 190 or BIOL 191(see major)	(4)				
Social Sciences LO 24		3				
Creative Expression - Fine Arts LO 25, 26		2-3				
Creative Expression - Literature LO 25, 26		3				
Theology LO 29, 30		3				
Religion LO 29, 31		3				
Senior Capstone LO 9, 21, 27, 28	Capstone course in major or GE	3				

Total General Education Requirements: 43-46 credit hours

Major Required Courses: 33 credit hours

BIOL 190	Principles of Biology I	4				
BIOL 191	Principles of Biology II	4				
BIOL 295	Genetics	4				
BIOL 296	Ecology and Diversity	4				
BIOL 480	Biology Seminar (7 semesters)	CR				
BIOL 481	Biology Seminar	1				

CHEM 141	Principles of Chemistry I	4				
CHEM 142	Principles of Chemistry II	4				
SCIE 257	Physics I	4				
SCIE 258	Physics II	4				

Major: Directed Electives-Choose a minimum of 32 credit hours.

BIOL 226	Microbiology	4				
BIOL 227	Marine Biology	3				
BIOL 271 BIOL 272	Mammalian Anatomy & Physiology I Laboratory Mammalian A&P I	3 1				
BIOL 273 BIOL 274	Mammalian Anatomy & Physiology II Laboratory Mammalian A&P II	3 1				
BIOL 290	Comparative Anatomy	4				
BIOL 344	Developmental Biology	3				
BIOL 349	Vertebrate Physiology	4				
BIOL 350	Cell Biology	3				
BIOL 355 or 356 or 360 or 361	Southwestern/Southern Appalachian Bahamian Field Studies/ Research	3				
BIOL 366	Experimental Design and Research Methods	3				
BIOL 367 or CHEM 367	Biotechnology Laboratory	1				
BIOL 421	Ecology	4				
BIOL 438	Evolution	3				

BIOL 439	Introduction to Ornithology	3				
BIOL 440	Molecular Biology	3				
BIOL 448	Taxonomy of Flowering Plants	3				
BIOL 465	Advanced Physiology/Pathophysiology	3				
BIOL 471	Immunology	3				
BIOL 474	Virology	3				
BIOL 496 or 497 or 498 or 499	Special Problems in Biology	3				
CHEM 241	Organic Chemistry I	4				
CHEM 242	Organic Chemistry II	4				
CHEM 243	Organic and Biochemistry	4				
CHEM 333	Biochemistry	3				
ENVS 232	Introduction to Environmental Science	3				

Electives: 14-18 credit hours (electives from any discipline to complete a minimum of 128 credit hours).

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Total Transfer Credit Hours Completed:
Total USF Credit Hours Completed:
Total Degree Requirements: 128 credit hours