



Name: \_\_\_

	CORE REQUIREMENTS (56 credit hours)					
	SEMESTER	REQUIREMENT	Course Options	Credits		
FR Year		Leader-Servant	SER 103	2		
		Fresh. Writing	WRI 120	3		
		Philosophy	LIB 110	3		
Complete by Sophomore Year		Am. Republic	LIB 120	3		
		Literature	LIB 130	3		
		Civilization I	ART 210, HIS 210, HUM 210, or POL 210	3		
		Civilization II	ART 215, HIS 215, HUM 215, MUS 215, POL 215 or THE 215	3		
		Mathematics	MAT 114, 115, 206, 221, 241, 242, CSC 213, or PHI 223	3-4		
mplete b		Life Science	BIO 114, 126, 201, 212 or 228	3-4		
S		Physical Science	CHE 114, 201, PHY 114, 117, 126, or 201	3-4		
		One of the above life or physical science courses must have a <b>LAB</b> component BIO 126, PHY 117, and PHY 126 are non-lab courses.				
		Foreign Lang 1	FRE 101, GER 101, GRK 101, LAT 101, SPN 101 or equivalency exam	3		
		Foreign Lang 2	FRE 102, GER 102, GRK 102, LAT 102, SPN 102 or equivalency exam	3		
		Foreign Lang 3	FRE 201, GER 201, GRK 201, LAT 201, SPN 201 or competency exam	3		
		Foreign Lang 4	FRE 202, GER 202, GRK 202, LAT 202, SPN 202 or competency exam	3		
		Fine Arts	ART113, 120, 130, 223, MUS 108, 129R, 139, 151, 167, THE 106, or 110	3		
Complete Anv Year		Social Sciences	ECN 210, 215, EDU 200, EDU 250, FHD 210, 250, POL 223, 233, or PSY 105	3		
Comple		Health & Wellness	PER 143	2		
3		Phys. Activity 1	A Phys. Activity course from PER 100-199 or, 231, 232, or 259R.  Athletes may only count their sport twice.  Only classes with course numbers that end in 'R' may be repeated for credit.  PER 203 does not count as an activity course	0.5-1		
		Phys. Activity 2		0.5-1		
		Phys. Activity 3		0.5-1		
JR Year		Adv.Writing	WRI 320 *must be completed by the end of your Junior year.	3		

## Advisor:\_\_\_\_\_

VISU1	MAJOR REQUIREMENTS (42 credit hours)					
	MAJOR CORE (34)					
SEMESTER	Course	CREDITS				
	BIO 201 General Biology I	4				
	BIO 202 General Biology II	4				
	BIO 212 General Zoology	4				
	BIO 340 Genetics and Molecular Biology	4				
	BIO 345 Cell Biology	3				
	BIO 347 Evolution	3				
	BIO 360 General Ecology	3				
	BIO 498 Senior Capstone	1				
	CHE 201 General Chemistry I	4				
	CHE 202 General Chemistry II	4				
	MAJOR ELECTIVES (8) 8 CREDIT HOURS FROM AMONG MAJOR ELECTIVES					
	3					
	OTHER COURSES TOWARDS GRADUATION					
Other Courses Towards Graduation (Required: 120 total hours)						

# BACHELOR OF ARTS GRADUATION REQUIREMENTS

#### THE STUDENT MUST DO THE FOLLOWING TO RECEIVE A BACHELOR OF ARTS DEGREE:

- COMPLETE A MINIMUM OF 120 CREDIT HOURS OF STUDY, AT LEAST 60 OF WHICH OR AT LEAST THE LAST 36 CREDITS BEFORE GRADUATION ARE AT SOUTHERN VIRGINIA. NO MORE THAN 9 CREDIT HOURS WILL BE GRANTED FOR INTERNSHIP COURSES.
- COMPLETE ALL REQUIREMENTS OF THE SOUTHERN VIRGINIA CORE.
- COMPLETE ALL REQUIREMENTS OF AT LEAST ONE MAJOR.
- 4. EARN A MINIMUM GRADE POINT AVERAGE OF 2.00 ON ALL COURSE WORK TAKEN AT THE UNIVERSITY.
- COMPLY WITH ALL UNIVERSITY STANDARDS, REGULATIONS, AND PROCEDURES, FROM THE DATE OF MATRICULATION THROUGH THE DATE OF FINAL GRADUATION.

Source: http://svu.edu/academics/catalog/graduation-requirements

#### **BIOLOGY MAJOR REQUIREMENTS**

(42 CREDIT HOURS)

The biology major assists students to achieve a broad-based education in the life sciences, which emphasize the various biological principles related to structural, functional, taxonomical and ecological phenomena. It provides a rich understanding of the natural world–knowledge worth having for its own sake and for the perspective it brings to one's life.

### **Learning Objectives**

The biology faculty expects biology major students to:

- Learn molecular/cellular, genetic, organismal, and ecological principles of biology including historical perspectives and current trends. (Biological Principles)
- 2. Demonstrate critical thinking skills in the areas of evaluation of experimental design and in the interpretation of experimental results. (Experimentation)
- 3. Demonstrate laboratory skills in the areas of experimental procedure and use of equipment. (Laboratory Skills)
- 4. Apply effective oral and written communication skills. (Communication)

Program Coordinator: <u>Jared Lee</u>, Ph.D.

Major Core (34 credit hours):

- BIO 201 General Biology I (GE) (4)
- BIO 202 General Biology II (4)
- BIO 212 General Zoology (GE) (4)
- BIO 340 Genetics and Molecular Biology (4)
- BIO 345 Cell Biology (3)
- BIO 347 Evolution (3)
- BIO 360 General Ecology (3)
- BIO 498 Senior Capstone (1)
- CHE 201 General Chemistry I (GE) (4)
- CHE 202 General Chemistry II (4)

Major Electives: at least 8 credit hours from among the following:

- BIO 211 Botany (GE) (4)
- BIO 228 Human Anatomy (GE) (4)
- BIO 310 Parasitology (4)
- BIO 312 Microbiology (3)
- BIO 315 Medical Entomology (3)
- BIO 328 Human Physiology (4)
- BIO 338 Endocrinology (3)
- BIO 331 Human Anatomy and Physiology I (4)
- BIO 332 Human Anatomy and Physiology II (4)
- BIO 350 Developmental Biology (3)
- BIO 375R Topics in Biology (Var.)
- BIO 385R Directed Study (Var.)
- BIO 399 Internship/Practicum (1-3)
- CHE 383 Biochemistry (3)

Although not required, MAT 221, PHY 201, and PHY 202 are strongly recommended for the biology major.