

Name \_\_\_\_\_

declares intent to major in **BIOLOGY**

Student Box # \_\_\_\_\_ Student ID# \_\_\_\_\_

**2011-2012**

Department Chairperson \_\_\_\_\_ Date \_\_\_\_\_ I want this major to replace my previously declared major(s) of: \_\_\_\_\_

Department Faculty Advisor \_\_\_\_\_ Date \_\_\_\_\_ I want this major to be declared in addition to my major(s) of: \_\_\_\_\_

To officially declare this major, contact department chairperson to complete the above and return this form to the registrar's office.

For Office Use: Code: BIO Advising #: BIOM11

**COURSE REQUIREMENTS FOR A MAJOR IN BIOLOGY**

The following courses are required:

**Biology Courses:**

_____	BIO 135	Botany	4
_____	BIO 200	Genetics	4
_____	BIO 205	Invertebrate Zoology	4
_____	BIO 230	Human Anatomy and Physiology 1	4
_____	BIO 231	Human Anatomy and Physiology 2	4
_____	BIO 235	Cell Biology	4
_____	BIO 301	Microbiology	4
_____	BIO 310	Developmental Biology	4
_____	BIO 330	General Ecology	4

**Chemistry Courses:**

_____	CEM 121	General Inorganic Chemistry 1	5
_____	CEM 122	General Inorganic Chemistry 2	5
_____	CEM 221	Organic Chemistry 1	4

**Physics Courses:**

_____	PHY 211	Physics for Science and Engineering 1	5
_____	PHY 212	Physics for Science and Engineering 2	5

**Mathematics Course:**

_____	MAT 135	Calculus 1	5
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**Total hours required in major: 65 semester hours**

**ADDITIONAL GRADUATION REQUIREMENTS:**

**Arts and Lectures**

LAS 101	_____ (.5)	LAS 103	_____ (.5)
LAS 102	_____ (.5)	LAS 104	_____ (.5)

- Language requirement (see placement sheet)
- Departmental Exam
- 2.0 cumulative and major GPA
- 124 total semester hours
- A minimum of 30 hours must be taken at Bluffton University
- Of the last 30 hours, 24 must be taken at Bluffton University

**LIBERAL ARTS & SCIENCES REQUIREMENTS**

Semester hours required

_____	LAS 100	First Year Seminar	3
_____	ENG 110 or 120	College English	3
_____	LAS 111	Integrated Arts	3

waived	MAT 105	Understanding Numerical Data	2
or	COM 185	Public Speaking & Persuasion	(3)

**Two Natural Sciences**

_____	BIO 135	Botany	4
_____	CEM 121	General Inorganic Chemistry 1	5

_____	REL 100	Introduction to Biblical Worldview	3
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**Two Social Sciences(2-prefixes)**

_____	_____	_____	3
_____	_____	_____	3

_____	HUM 221	Humanities 1	3
_____	HUM 222	Humanities 2	3

**One upper level religion:**

_____	REL 242	Spiritual Disciplines in the Life of the Church	3
_____	REL 250	Introduction to Old Testament	3
_____	REL 252	Introduction to New Testament	3
_____	REL 273	Christian Theology	3
_____	REL 274	Christian Ethics	3
_____	REL 373	War Peace, and Nonviolence	3
_____	REL 350	History of Christianity	3

_____	LAS 301	Issues in Modern America	3
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_____	LAS 342	Cross-cultural/Service Learning Experience	4
_____	OR	(six hours of foreign language)	6

_____	LAS 400	Christian Values in a Global Community	3
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**Total LAS semester hours 46-47**