

B.S. IN PHYSICS BIOLOGICAL SCIENCES OPTION

Fall 1			Spring 1		
ENG 11011	College Writing I	3	PHY 23101	Gen. Univ. Phys. I	5
MATH 12002	Calculus I*	5	MATH 12003	Calculus II	5
CHEM 10060	Gen. Chemistry I	4	CHEM 10061	Gen. Chemistry II	4
CHEM 10062	Chemistry Lab I	1	CHEM 10063	Chemistry Lab II	1
US 10001	Orientation	1			<u>15</u>
		<u>14</u>			
Fall 2			Spring 2		
MATH 22005	Calculus III	3	MATH 21001	Linear Algebra	3
PHY 23102	Gen. Univ. Phys. II	5	ENG 21011	College Writing II	3
BSCI 10110	Biol. Diversity	4	BSCI 10120	Biol. Foundations	4
	Foreign Lang. I	4		Foreign Lang. II	4
		<u>16</u>			<u>14</u>
Fall 3			Spring 3		
MATH 32044	Ordinary D.E.	3	BSCI 20140	Cell Biology	4
PHY 35101	Mechanics I	3	PHY 30020	Inter. Physics Lab	2
PHY 36001	Modern Physics	3	PHY 46101	Quantum & Atomic	4
BSCI 30156	Elem. Genetics	3		Hum/Fine Arts 2	3
	Hum/Fine Arts 1	3		Social Science 1	3
		<u>15</u>			<u>16</u>
Fall 4			Spring 4		
PHY 45201	Elect. & Mag. I	3	PHY 40020	Adv. Physics Lab	2
PHY 45301	Thermodynamics	3	BSCI 40430	Gen. Physiology***	4
BSCI 40163	Organic Evolution	3		Gen. Elective-UD	3
	Major Elective-UD**	4		Additional LER	3
	Social Science 2	3		Hum/Fine Arts 3	3
		<u>16</u>			<u>15</u>

*MATH 11010 (Algebra for Calculus) and MATH 11022 (Trigonometry) are prerequisite courses, which the student with sufficient background should bypass.

**Major Elective normally must be chosen from BSCI 40158 (Molecular Biology), CHEM 20481 (Basic Organic Chemistry), CHEM 30481 (Organic Chemistry), MATH 42045 (Intro. Partial Differential Equations) PHY 32511 (Electronics), or PHY 40096 (Individual Investigation).

***BSCI 40430 (General Physiology) has been abandoned by the Department of Biological Sciences and will no longer be offered. An advisor-approved course substitution will be necessary.

