

B.S. IN PHYSICS APPLIED PHYSICS OPTION

Fall 1			Spring 1		
ENG 11011	College Writing I	3		Social Science 1	3
MATH 12002	Calculus I*	5	MATH 12003	Calculus II	5
PHY 23101	Gen. Univ. Phys. I	5	PHY 23102	Gen. Univ. Phys. II	5
US 10001	Orientation	1		Hum/Fine Arts 1	3
		<u>14</u>			<u>16</u>

Fall 2			Spring 2		
MATH 22005	Calculus III	3	MATH 21001	Linear Algebra	3
CHEM 10060	Gen. Chemistry I	4	CHEM 10061	Gen. Chemistry II	4
CHEM 10062	Chemistry Lab I	1	CHEM 10063	Chemistry Lab II	1
ENG 21011	College Writing II	3	PHY 35402	Sci. Computing**	2
	Foreign Lang. I	4		Foreign Lang. II	4
		<u>15</u>			<u>14</u>

Fall 3			Spring 3		
MATH 32044	Ordinary D.E.	3	MATH 42045	Partial D.E.	3
PHY 35101	Mechanics I	3	PHY 30020	Inter. Physics Lab	2
PHY 36001	Modern Physics	3	PHY 46101	Quantum & Atomic	4
PHY 32511	Electronics**	4	PHY 42512	Elect. Instrum.	4
	Hum/Fine Arts 2	3		Social Science 2	3
		<u>16</u>			<u>16</u>

Fall 4			Spring 4		
PHY 45201	Elect. & Mag. I	3	PHY 45501	Modern Optics	3
PHY 45301	Thermodynamics	3	PHY 40020	Adv. Physics Lab	2
	Major Elective-UD	3	PHY 40096	Ind. Investigation	1
	Hum/Fine Arts 3	3		Additional LER	3
	Gen. Elective	3		Major Elective	3
		<u>15</u>		Major Elective	3
					<u>15</u>

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

**PHY 32511 + PHY 35402 may be replaced by PHY 12411 + PHY 35611 with Curriculum Advisor's permission.