

B.S. IN PHYSICS
GENERAL PHYSICS OPTION
FOR STUDENTS IN THE HONORS COLLEGE

Fall 1			Spring 1		
HONR 10197	Honors Colloquium I	4	HONR 10297	Honors Colloquium II	4
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		Honors Hum/Fine Arts 1	3
		<u>15</u>			<u>17</u>
Fall 2			Spring 2		
MATH 22005	Calculus III	3	MATH 21001	Linear Algebra	3
CHEM 10960	Honors Chemistry I	5	CHEM 10961	Honors Chemistry II	5
	Foreign Lang. I	4		Foreign Lang. II	4
	Social Science 1	3		Major Elective	2
		<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 35102	Mechanics II	3
PHY 36001	Modern Physics	3	PHY 46101	Quantum & Atomic	4
PHY 30020	Inter. Physics Lab	2	PHY 46301	Nuclear Phys.	3
	Honors Social Science 2	3		Honors Hum/Fine Arts 2	3
		<u>14</u>			<u>16</u>
Fall 4			Spring 4		
PHY 45201	Elect. & Mag. I	3	PHY 45202	Elect. & Mag. II	3
PHY 45301	Thermodynamics	3	PHY 46401	Intro. Solid State	3
PHY 40020	Adv. Physics Lab	2		Hum/Fine Arts 3	3
PHY 40090	Sr. Honors Thesis	5	PHY 40090	Sr. Honors Thesis	5
	Additional LER	3			<u>14</u>
		<u>16</u>			

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

AY06-07