

## B.A. IN PHYSICS

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
	Foreign Lang. I	4		Foreign Lang. II	4
US 10001	Orientation	1			<u>14</u>
	Hum/Fine Arts 1	3			
		<u>16</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
	Foreign Lang. III	3		Foreign Lang. IV	3
	Basic Sciences 1	3		Basic Sciences 2	3
		<u>14</u>		Gen. Elective 1	3
					<u>15</u>
Fall 3			Spring 3		
MATH 32044	Ordinary D.E.	3	PHY 30020	Inter. Physics Lab	2
PHY 35101	Mechanics I	3		Major Elective	4
PHY 36001	Modern Physics	3		Gen. Elective 2	3
	Basic Sciences 3	3		Hum/Fine Arts 3	3
	Hum/Fine Arts 2	3		Social Science 1	3
		<u>15</u>			<u>15</u>
Fall 4			Spring 4		
PHY 45201	Elect. & Mag. I	3	PHY 40020	Adv. Physics Lab	2
PHY 45301	Thermodynamics	3		Major Elective	3
	Social Science 2	3		Social Science 3	3
	Gen. Elective 3	3		Gen. Elective 5	3
	Gen. Elective 4	3		Additional LER	3
		<u>15</u>		Additional LER	3
					<u>17</u>

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

Note: Sufficient upper-division elective hours must be taken to yield a total of at least 42 upper-division hours.