

B.S. IN PHYSICS RESEARCH OPTION

Fall 1			Spring 1		
ENG 11011	College Writing I	3	CS 10061	Intro. Comp. Prog.	3
MATH 12002	Calculus I*	5	MATH 12003	Calculus II	5
PHY 12000	Intro. Seminar	1		Hum/Fine Arts 2	3
US 10001	Orientation	1	PHY 23101	Gen. Univ. Phys. I	5
	Hum/Fine Arts 1	3			<u>16</u>
	Social Science 1	3			
		<u>16</u>			
Fall 2			Spring 2		
MATH 32051	Math. Phys. Sci. I	4	MATH 32052	Math. Phys. Sci. II	4
PHY 23102	Gen. Univ. Phys. II	5	ENG 21011	College Writing II	3
	Foreign Lang. I	4		Foreign Lang. II	4
	General Elective	3	PHY 36001	Intro. Modern Physics	3
		<u>16</u>			<u>14</u>
Fall 3			Spring 3		
PHY 35101	Class. Mechanics	4	PHY 45201	Electromagnetic Theory	4
PHY 36002	App. Modern Physics	3	PHY 46101	Quantum & Atomic	4
	Physics Elective	3	PHY 30020	Inter. Physics Lab	2
CHEM 10060	Gen. Chemistry I	4	CHEM 10061	Gen. Chemistry II	4
CHEM 10062	Chemistry Lab I	1	CHEM 10063	Chemistry Lab II	1
		<u>15</u>			<u>15</u>
Fall 4			Spring 4		
PHY 45301	Thermal Physics	3	PHY 40020	Adv. Physics Lab	2
PHY 40092	Physics Internship	2	PHY 45403	Data Anal. & Comp. Phys.	3
	Hum/Fine Arts 3	3		Additional LER	3
	Social Science 2	3		Physics Elective-UD	3
	Physics Elective	4		General Elective	3
		<u>15</u>			<u>14</u>

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

AY07-08