

B.S. IN PHYSICS MATHEMATICS 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 |
| CS 10051 | Intro. Comp. Sci. | 4 | | Physics Elective-UD | 3 |
| | Foreign Lang. I | 4 | | Foreign Lang. II | 4 |
| | | <u>16</u> | | Hum/Fine Arts 1 | 3 |
| | | | | | <u>16</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 |
| | Social Science 1 | 3 | | Math Elective-UD | 3 |
| | Hum/Fine Arts 2 | 3 | | Hum/Fine Arts 3 | 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 | | Physics Elective-UD | 3 |
| MATH 41001 | Mod. Algebra I | 3 | | Math Elective-UD | 3 |
| MATH 42001 | Intro. Analysis I | 3 | | Gen. Elective | 3 |
| | Social Science 2 | 3 | | Additional LER | 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.

AY06-07