

PHYSICS MAJOR

| First Semester | | Second Semester | |
|---------------------------|-----------|---------------------------|-----------|
| WSM 101 Freshman Seminar | 3 | ENG 103 Academic Writing | 3 |
| PHY 201 Physics I | 4 | PHY 212 Physics II | 4 |
| MAT 124 Calculus I | 5 | MAT 214 Calculus II | 4 |
| CHM 114/115 Gen Chem I | 4 | CHM 124/125 Gen Chem II | 4 |
| LST 101 The Leader Within | 1 | CSC 104 Programming Logic | 3 |
| | | | |
| TOTAL | 17 | TOTAL | 18 |

| Third Semester | | Fourth Semester | |
|---------------------------|--------------|--------------------------------|--------------|
| Historical Perspectives | 3 | Literature Course | 3 |
| PHY 223 Physics III | 3 | PHY 324 or 325 | 4 |
| MAT 224 Calculus III | 4 | MAT 312 Differential Equations | 3 |
| FRE or GER 101 OR CSC 111 | 3-4 | FRE or GER 102 OR CSC course | 3-4 |
| | | | |
| | | | |
| TOTAL | 13-14 | TOTAL | 13-14 |

| Fifth Semester | | Sixth Semester | |
|--|-----------|---|-----------|
| Human Behavior & Soc. Inst. | 3 | Human Behavior & Soc. Inst. | 3 |
| PHY 415 Theoretical Physics I | 4 | PHY 416 Theoretical Physics II | 4 |
| Historical Perspectives | 3 | Artistic Expression | 3 |
| Non-western | 3 | CHM 434/435 Physical Chem II OR PHY 315 Modern Physics | 4 |
| PHY 424/425 Physical Chem I OR PHY 314 Thermodynamics | 4 | PED Activity | 1 |
| | 1 | | |
| TOTAL | 17 | TOTAL | 15 |

| Seventh Semester | | Eighth Semester | |
|-----------------------------|-----------|------------------------------|--------------|
| Tier III | 3 | Fundamental Questions/Values | 3 |
| ULOD | 3 | Elective | 3 |
| Human Behavior & Soc. Inst. | 3 | Elective | 3 |
| Elective | 3 | Elective | 3 |
| Elective | 3 | Elective (if need hours) | 3 |
| | | | |
| TOTAL | 15 | TOTAL | 12-15 |