

PHYSICS AS DEGREE 80704

| Course | Requirement Field | Credits | Notes |
|---|-----------------------|-----------|---------------------------|
| Fall - 1st Semester | | | |
| ENG 101 Written Communications I | GE – English | 3 | |
| MAT 220 Calculus I | GE – Mathematics | 5 | |
| Social Science | GE – Social Science 1 | 3 | Select from approved list |
| Humanities | GE - Humanities 1 | 3 | Intensive Writing Course |
| Elective | Elective | 3 | |
| NOTE: Any developmental courses (such as ENG 100 and MAT 120) must be taken in addition to the above during this semester as prerequisites for later courses. | | | |
| Total Hours | | 17 | |

| Course | Requirement Field | Credits | Notes |
|-----------------------------------|-----------------------|-----------|--|
| Spring - 2nd Semester | | | |
| ENG 102 Written Communications II | GE-English | 3 | |
| MAT 230 Calculus II | GE – Mathematics | 4 | |
| PHY 211 Physics with Calculus I | Curriculum | 5 | Offered Spring ONLY |
| Social Science | GE - Social Science 2 | 3 | Global/International/Historical Awareness Course |
| Total Hours | | 15 | |

| Course | Requirement Field | Credits | Notes |
|----------------------------------|-------------------|-----------|----------------------------|
| Fall- 3rd Semester | | | |
| PHY 212 Physics with Calculus II | Curriculum | 5 | Offered Fall ONLY |
| MAT 240 Calculus III | GE - Mathematics | 4 | Offered Fall ONLY |
| CHM 151 General Chemistry I | GE - Lab Science | 4 | Offered Fall ONLY |
| Elective | Elective | 3 | Linear Algebra recommended |
| Total Hours | | 16 | |

| Course | Requirement Field | Credits | Notes |
|--------------------------------|-------------------|-----------|---------------------------|
| Spring - 4th Semester | | | |
| MAT 260 Differential Equations | Curriculum | 4 | Offered Spring ONLY |
| CHM 152 General Chemistry II | GE - Lab Science | 4 | Offered Spring ONLY |
| Elective | Elective | 5 | |
| Humanities | GE - Humanities 2 | 3 | Select from Approved List |
| Total Hours | | 16 | |

| | |
|--------------------------------------|-----------|
| Total Hours | 64 |
| Total Curriculum Requirements (Core) | 13 |
| Total Related Curriculum | 0 |
| Total General Education | 39 |
| Total Elective | 12 |

NOTES:

The foregoing is a recommended, or suggested, sequence of courses. Of course, if a student enters the program in the spring, or transfers credit in, the above would have to be modified.

*This degree dictates specific courses that must be taken as part to meet the General Education requirements. Consult your catalog. **All courses must be completed with a grade of "C" or better--Be sure to check the catalog for other changes and requirements.***