

**Physics B. S. Astronomy Track, Henderson State University**

**Degree Completion Plan Beginning in Fall Semester**

| <b>Freshman</b>        |           | <b>Sophomore</b>     |           |                      |           |                      |            |
|------------------------|-----------|----------------------|-----------|----------------------|-----------|----------------------|------------|
| Fall Year 1            | Hrs.      | Spring Year 1        | Hrs.      | Fall Year 2          | Hrs.      | Spring Year 2        | Hrs.       |
| MTH 1294 Cal 1         | 4         | MTH 2044 Cal 2       | 4         | PHY 3083 Mechanics   | 3         | PHY 4093 Thermo      | 3          |
| PHY 2234 UP 1          | 4         | PHY 2244 UP 2        | 4         | PHY 3474 Computation | 3         | PHY 3053 GEN Ast     | 3          |
| ENG 1463 ENG A         | 3         | ENG 1473 ENG B       | 3         | COM 2013 Oral COM    | 3         | Soc Science Elective | 3          |
| GEN 1031 Seminar       | 1         | Course for Minor     | 3         | Hum Elec             | 3         | PHY 3173 Optics      | 3          |
| Course for Minor       | 3         | HPR XXX1             | 1         | ENG 2053 Lit         | 3         | Course for Minor     | 3          |
| <b>Total Hours</b>     | <b>15</b> | <b>Total Hours</b>   | <b>15</b> | <b>Total Hours</b>   | <b>15</b> | <b>Total Hours</b>   | <b>15</b>  |
| <b>Junior</b>          |           | <b>Senior</b>        |           |                      |           |                      |            |
| Fall Year 3            | Hrs.      | Spring Year 3        | Hrs.      | Fall Year 4          | Hrs.      | Spring Year 4        | Hrs.       |
| PHY 3103 Modern        | 3         | PHY 4293 NonWestern  | 3         | PHY 4183 ED          | 3         | PHY 4273 Quantum     | 3          |
| Soc Science Elective   | 3         | Soc Science Elective | 3         | PHY 4343 AstroPHY    | 3         | PHY 4253 APHY Lab    | 3          |
| BIO 1013/1021 Into BIO | 4         | Course for Minor     | 3         | Course for Minor     | 3         | Course for Minor     | 3          |
| ENG 3613 Tech Writing  | 3         | Course for Minor     | 3         | Free Elective        | 3         | Free Elective        | 3          |
| Course for Minor       | 3         | Free Elective        | 3         | PHY 4212 Research    | 2         | Free Elective        | 3          |
| <b>Total Hours</b>     | <b>16</b> | <b>Total Hours</b>   | <b>15</b> | <b>Total Hours</b>   | <b>14</b> | <b>Total Hours</b>   | <b>15</b>  |
|                        |           |                      |           |                      |           | <b>Total Hours</b>   | <b>120</b> |

The BS degree in Physics Astronomy Track can be completed in eight semesters when students begin in the Fall semester and if the outline above is followed.

