

# B.S. Astrophysics Comprehensive Advising Flow Chart

For students entering the program in the fall of even numbered years



| YEAR | SEMESTER    |                   |   |  |                                     |   |  |
|------|-------------|-------------------|---|--|-------------------------------------|---|--|
| 1    | Even Fall   | total hours<br>16 | PHYS275<br>Physics 1/ GS-NS distribution<br>4 | PHYS275L<br>Physics 1 Lab/ GS-NS distribution<br>1 | MATH115<br>Calculus 1<br>5          | GS<br>GS-core Written communication'<br>3 | XXXX188<br>GS Portal<br>3              |
|      | Odd Spring  | total hours<br>16 | PHYS276<br>Physics2 / GS-NS distribution<br>4 | PHYS276L<br>Physics2 Lab/ GS-NS distribution<br>1  | MATH 202<br>Calculus 2<br>5         | GS<br>GS-Core Oral Comm<br>3              | CSIS 112<br>Programing C / GS A&Q<br>3 |
| 2    | Odd Fall    | total hours<br>16 | Phys 210<br>Astronomy<br>3                    | PHYS346<br>Modern Phys<br>4                        | MATH 260<br>Calculus 3<br>5         | CHEM160<br>Chem1/ GS-NS Distribution<br>3 | CHEM160L<br>Chem1 Lab<br>1             |
|      | Even Spring | total hours<br>14 | PHYS410<br>MathPhys1<br>3                     | GS<br>GS-Core Democracy<br>3                       | Program<br>Free Elective<br>1       | MATH305<br>ODE<br>3                       | CHEM161<br>Chem2/GS-NS Dist<br>3       |
| 3    | Even Fall   | total hours<br>13 | Phys360<br>Astronomy Methods I<br>3           | PHYS402<br>Mechanics<br>4                          |                                     | GS<br>GS-Dist Social Science<br>3         | GS<br>GS-Dist Aesthetics<br>3          |
|      | Odd Spring  | total hours<br>15 | PHYS440<br>Thermo/Stat Mech<br>3              | PHYS361<br>Astronomy Methods II<br>3               | Elective<br>GS-NS distribution<br>3 | GS<br>GS-Dist Humanities<br>3             | GS<br>GS-Dist Humanities<br>3          |
| 4    | Odd Fall    | total hours<br>16 | PHYS430<br>Optics<br>3                        | PHYS350<br>Astrophysics I<br>3                     | PHYS495<br>Research in phys<br>3    | PHYS407<br>E&M<br>4                       | GS<br>GS-Dist Social Science<br>3      |
|      | Even Spring | total hours<br>14 | PHYS351<br>Astrophysics II<br>3               | PHYS419<br>Quantum Mechanics<br>4                  | PHYS498<br>Senior Seminar (WI)<br>3 | GS<br>free elective<br>1                  | XXXX388<br>GS-Capstone<br>3            |

120 Total hours

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