

**Course Sequence for B.S. in Physics - Option 2 (Astrophysics)**

The following is the sequence of courses to be followed by students in order to finish the program in 5 years. 4 and 6 year programs are available from the department undergraduate advisor.

**Semester 1 – Fall**

MATH 150A (5) \_\_\_\_\_  
 ENGL 155 (3) \_\_\_\_\_  
 ^ASTR 154L (1) \_\_\_\_\_  
 GE (3) \_\_\_\_\_

**Semester 2 - Spring**

MATH 150B (5) \_\_\_\_\_  
 PHYS 220AL (1) \_\_\_\_\_  
 PHYS 225 (4) \_\_\_\_\_  
 GE (3) \_\_\_\_\_

**Semester 3 – Fall**

MATH 250 (3) \_\_\_\_\_  
 PHYS 220BL (1) \_\_\_\_\_  
 PHYS 226 (4) \_\_\_\_\_  
 CHEM 101/L (5) \_\_\_\_\_

**Semester 4 - Spring**

MATH 280 (3) \_\_\_\_\_  
 PHYS 227/L (5) \_\_\_\_\_  
 GE (6) \_\_\_\_\_

**Semester 5 – Fall**

PHYS 389 (3) \_\_\_\_\_  
 PHYS 365 (2) \_\_\_\_\_  
 GE (3) \_\_\_\_\_

**Semester 6 - Spring**

PHYS 311 (4) \_\_\_\_\_  
 PHYS 366 (2) \_\_\_\_\_  
 COMP 106/L (3) \_\_\_\_\_  
 GE (3) \_\_\_\_\_

**Semester 7 – Fall**

PHYS 301 (4) \_\_\_\_\_  
 PHYS 375 (3) \_\_\_\_\_  
 GE (6) \_\_\_\_\_

**Semester 8 - Spring**

PHYS XXX (3) \_\_\_\_\_ E  
 ASTR 301/401 (3) \_\_\_\_\_  
 TITLE V (6) \_\_\_\_\_

**Semester 9 – Fall**

PHYS 431 (4) \_\_\_\_\_  
 PHYS 465 (2) \_\_\_\_\_  
 GE (3) \_\_\_\_\_  
 ADDITIONAL (3) \_\_\_\_\_

**Semester 10 - Spring**

PHYS 466 (2) \_\_\_\_\_  
 #PHYS 495 (2) \_\_\_\_\_  
 PHYS XXX (3) \_\_\_\_\_ E  
 ASTR 301/401 (3) \_\_\_\_\_  
 ADDITIONAL (3) \_\_\_\_\_

^Recommended course to fulfill section B of GE (together with CHEM 101/L and ASTR 301).

Phys XXX represents electives. These include Phys 410, 420, 421, 451, 470, 480, 489 and 490. Majors may take appropriate courses from other departments with permission of undergraduate advisor in place of these electives.

The above represents 128 units of course work that will satisfy the units requirement for the B.S.

## Notes

The following (sub)sections of GE are already met by the courses listed on the previous page:

A1	3 units	met with CHS/ENGL/PAS 155 listed on the previous page
A3	3 units	met with MATH 150A listed on the previous page
B	9 units	met with CHEM 101/L, ASTR 154L and ASTR 301 listed on the previous page
E	4 units	met by required courses in the major

The (sub)sections of GE that are not satisfied by the courses listed on the previous page are:

A2	3 units
A4	3 units
C	9 units
D	9 units
<u>F</u>	<u>9 units</u>
Total	33 units

In addition, you also have to take 6 units of Title V that are already listed on the previous page.

Please select GE courses in the sections above. Note that you have to satisfy 9 units of upper division GE from at least two sections **to be taken only when you have junior standing**. These do not have to be additional units if you take a 300 level GE course (while with junior standing) that will satisfy one of the sections above. For example, taking either GEOG 330, URBS 310 or POLS 350 satisfies **both** section D and 3 units of upper division GE; AAS 321, ANTH 326 or CHS 380 satisfies **both** section C1 and 3 units of upper division GE. (These are only examples and should not be construed as recommended courses. You should choose GE courses according to your own interests.)