

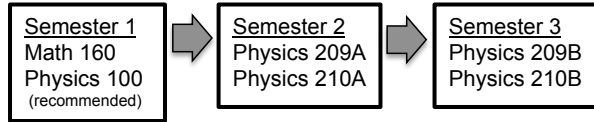
B.A. in Physics with Advisory Plan T

Advising Dates _____

Department of Physics and Astronomy, SSU

Name _____

Example Starting Sequence:
 (See advisor for details)



Required Core Courses

| Course | Units | Semester † | Grade |
|---------------------------|-------|------------|-------|
| Phys 209A Gen Phys I Lab | 1 | F/S | _____ |
| Phys 210A Gen Phys I | 3 | F/S | _____ |
| Phys 209B Gen Phys II Lab | 1 | F/S | _____ |
| Phys 210B Gen Phys II | 3 | F/S | _____ |

Capstone Course* - choose one

| Course | Units | Semester † | Grade |
|----------------------------|-------|------------|-------|
| Astr 492* Instruct. Design | 2 | F/S | _____ |
| Astr 497* Astr. Research | 2 | F/S | _____ |
| Phys 492* Instruct. Design | 2 | F/S | _____ |
| Phys 493* Senior Design | 2 | F/S | _____ |
| Phys 497* Phys. Research | 2 | F/S | _____ |

Choose one course in Modern Physics

| Course | Units | Semester | Grade |
|---------------------------|-------|----------|-------|
| Astr 305 Fron. In Astron. | 3 | F | _____ |
| Phys 314† Physics III | 4 | S | _____ |

* Capstone courses, preferably taken in final Spring semester.
 † Semester the course is typically offered is shown in gray type:
 F=Fall, S=Spring, F/S=both. (Subject to Change.)

† Course includes calculus-based prerequisites, consult catalog

Major includes a minimum of **24 upper-division units in physics and astronomy**. With an advisor, **choose 13-16 units** in additional upper-division physics and astronomy courses. Phys 100 may be substituted for an advanced physics elective.

Choose one course in Optics

| Course | Units | Semester | Grade |
|------------------------|-------|----------|-------|
| Phys 340† Optics | 3 | S | _____ |
| Phys 342 Light & Color | 3 | F | _____ |

| Course | Units | Semester † | Grade |
|----------------------------|---------|------------|-------|
| Astr 303 Life in Universe | 3 | F | _____ |
| Astr 305 Front. In Astron. | 3 | F | _____ |
| Astr 350 Cosmology | 3 | S | _____ |
| Astr 495 Special Studies | 1-4 | F/S | _____ |
| Phys 100 Descriptive Phys. | 3 | _____ | _____ |
| Phys 300 Phys. Of Music | 3 | S | _____ |
| Phys 313 Electronics | 3 | S | _____ |
| Phys 313L Electr. Lab | 1 | S | _____ |
| Phys 381 Comp. for Sci. | 2 | F | _____ |
| Phys 494 Phys. Seminar | 1 (≤3x) | F/S | _____ |
| Phys 495 Special Studies | 1-4 | F/S | _____ |

Required supporting course

| Course | Units | Semester | Grade |
|----------------------|-------|----------|-------|
| Math 160 Precalculus | 4 | _____ | _____ |

Choose an approved course in Computer Applications

| Course | Units | Semester | Grade |
|-------------------------|-------|----------|-------|
| Phys 381 Comp. for Sci. | 2 | F | _____ |
| _____ | _____ | _____ | _____ |

Concentration: courses in one other field.

Chosen in consultation with advisor. (12 Units)

| Course | Units | Semester | Grade |
|--------|-------|----------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Additional upper-division courses in physics and astronomy are available, but include calculus-based prerequisites.