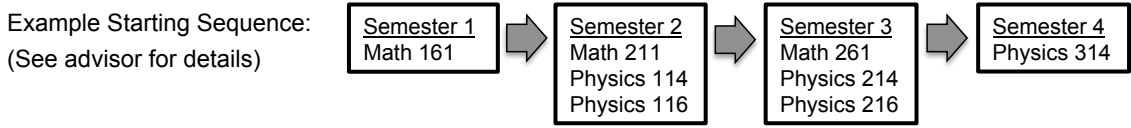


**B.A. in Physics with Advisory Plan C**  
 Department of Physics and Astronomy, SSU

Advising Dates \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Name \_\_\_\_\_



**Required Core Courses**

Course	Units	Semester †	Grade
Phys 114 Physics I	4	F/S	_____
Phys 116 Phys I Lab	1	F/S	_____
Phys 214 Physics II	4	F/S	_____
Phys 216 Phys II Lab	1	F/S	_____
Phys 314† Physics III	4	S	_____
Phys 340 Optics	3	S	_____

† Phys 314 and 325 are important prerequisites for most upper-division physics courses, see catalog for details.

**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	_____

\* 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.)

**Choose One Required Programming Course**

Course	Units	Semester	Grade
Phys 381 Comp. for Sci.	2	F	_____
CS 115 Programming I	4	_____	_____

**Required Supporting Courses**

Course	Units	Semester	Grade
Math 161 Calc. I	4	_____	_____
Math 211 Calc. II	4	_____	_____
Math 261 Multiv. Calc.	4	_____	_____

Please take Math in this sequence: 161, 211, then 261

**Concentration: courses in one other field.**

**Chosen in consultation with advisor. (12 Units)**

Course	Units	Semester	Grade
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Major includes a minimum of **24 upper-division units in physics and astronomy.** With an advisor, **choose 13-15 units** in additional upper-division physics and astronomy courses. Phys 100 may be substituted for an advanced physics elective.

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 320 Mechanics	3	S	_____
Phys 325† Math Physics	3	F	_____
Phys 366 Interm. Lab	3	S	_____
Phys 381 Comp. for Sci.	2	F	_____
Phys 430 Elec. And Mag.	3	S	_____
Phys 445 Photonics	3	_____	_____
Phys 450 Stat. Physics	2	F	_____
Phys 460 Quantum	3	F	_____
Phys 466 Adv. Lab	3	_____	_____
Phys 475 Semiconductor	3	S	_____
Phys 494 Phys. Seminar	1 (≤3x)	F/S	_____
Phys 495 Special Studies	1-4	F/S	_____