

<b>Freshman Year</b>	<b>F</b>	<b>S</b>
Bio 101,101L, Biology Survey I and Lab <b>or</b> Bio 151,151L, General Biology I and Lab .....	3-4	
Bio 103,103L, Biology Survey II and Lab <b>or</b> Bio 153, 153L, General Biology II and Lab .....		3-4
Chem 112*,112L, General Chemistry I and Lab <b>or</b> Chem 106,106L, Chemistry Survey and Lab .....		4
Chem 114*, General Chemistry II <b>or</b> Chem 120, Elementary Organic Chemistry .....		3
Engl 101*, Composition I .....	3	
Math 123*, Calculus I .....		4
Psych 101*, Introduction to Psychology <b>or</b> Soc 100, Introduction to Sociology .....	3	
SpCm 101*, Fundamentals of Speech .....		3
SGR Goal 3, (Social Science) * (Catalog p xx)(G) .....	3	
SGR Goal 4, (Humanities and Fine Arts)* (Catalog p xx-xx)(G) .....	<u>3</u>	
	15	<u>17</u>

<b>Sophomore Year</b>	<b>F</b>	<b>S</b>
CSc 150, or CSc 213, or CSc 218 ( a programming language) ...	3	
EdFn 338, Foundations of American Education .....		2
EdFn 475, Human Relations .....		3
Engl 201*, Composition II <b>or</b> Engl 277, Tech. Writing in Eng.. ..	3	
Math 125, Calculus II .....	4	
Math 225, Calculus III .....		4
Phil 200*, Introduction to Logic .....	3	
Phys 211, 211L, University Physics I and Lab <b>or</b> Phys 111, 111L, Intro to Physics I and Lab .....	4	
Phys 213, 213L, University Physics II and Lab <b>or</b> Phys 113,113L, Intro to Physics II and Lab. ....		4
IGR Goal 3**, Soc. Resp./Cultural, (Catalog p xx) .....		<u>3</u>
	17	16

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<b>Junior Year</b>	<b>F</b>	<b>S</b>
EdFn 365, Integrating Computers into the Curriculum . . . . .	2	
EPsy 302, Educational and Adolescent Psychology . . . . .		3
Math 321, Differential Equations . . . . .	3	
Phys 185, 185L, Introduction to Astronomy I and Lab . . . . .		3
Phys 316-316L, Meas. Theory and Exp. Design and Lab (AW) . . .	2	
Phys 331, Introduction to Modern Physics . . . . .	3	
SeEd 314, Supervised Clinical/Field Experience . . . . .		1
SeEd 413, 7-12 Science Methods . . . . .	3	
SeEd 450, Teaching of Reading . . . . .		2
IGR Goal 1**, (Land & Nat Res.) (Catalog p xx) . . . . .		3
IGR Goal 2**, Wellness, (Catalog p xx) . . . . .		2
Physics Electives (numbered 300 or greater) . . . . .	<u>4</u>	<u>3</u>
	17	17

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<b>Senior Year</b>	<b>F</b>		<b>S</b>
Anth 421, Indians of North American . . . . .	3	or	3
EdFn 427 Middle School: Philosophy and Application . . . . .	2	or	2
Phys 421, Electromagnetism <b>or</b> Phys 451, Classical Mechanics, <b>or</b> Phys 471, Quantum Mechanics . . . . .	4	or	4
Phys 490, Seminar . . . . .	1	or	1
SeEd 400, Curriculum and Instruction in Secondary Schools . . . . .	4	or	4
SeEd 410, Social Foundations, Management and Law . . . . .	2	or	2
SeEd 488, 7-12 Student Teaching (COM). . . . .	8	or	8
SpEd 401, Intro to Ed. Secondary Students with Disabilities . . . . .	1	or	1
Chemistry or Physics Electives (numbered 300 or greater) . . . . .	<u>4</u>	or	<u>4</u>
	15		14

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- \* The 30 credit Board of Regents System General Education Requirements (SGRs) must be completed as part of a student's first 64 credits. See the Catalog, pages xx-xx for details. Courses that are part of these credits are indicated by an asterisk (\*). Check especially the six credits for each of goals 3 and 4 which require courses from two different disciplines.
- \*\* South Dakota State University has an 8-9 credit Institutional Graduation Requirement (IGRs). See the Catalog, pages xx-xx for details. These requirements are indicated by a double asterisk (\*\*).

- (G) The BOR General Education requirements (SGRs) include an International/Global Diversity requirement. See the Catalog, page x for details.
- (AW) The BOR General Education requirements (SGRs) include an Advanced Writing requirement. See the Catalog, page x for details.

Students must take the proficiency examination after completing 48 credits. English 101, and a course in each of the General Education areas of social science, mathematics, natural science, and humanities and fine arts must be taken prior to taking this exam.

- ◇ Technical electives will be selected with the assistance of the student's advisor from courses offered by the Electrical Engineering, Physics, Computer Science, Chemistry, Biology, and Mathematics departments. A complete list of departmental approved technical electives is available in the Physics Department office. Any departures from this list must be approved by the Head of the Physics Department.

Name \_\_\_\_\_  
 Date \_\_\_\_\_

28 credits in physics

Physics 211, 211L \ or / Physics 111, 111L	
Physics 213, 213L / or \ Physics 113, 113L ..	8 _____
Physics 185, 185L .....	3 _____
Physics 316 .....	2 _____
Physics 331 .....	3 _____
Physics 421 or Physics 451 or Physics 471 .....	4 _____
Physics 490 .....	1 _____
Physics Electives .....	7 _____

15 credits in mathematics

Math 123 .....	4 _____
Math 125 .....	4 _____
Math 225 .....	4 _____
Math 321 .....	3 _____

11 credits in chemistry (or additional physics electives)

Chem 112* or Chem 106 and lab (112L or 106L) ..	4 _____
Chem 114 * or Chem 120 .....	3 _____
Chemistry Electives (or additional physics electives) (upper division numbered 300 or greater) .	4 _____

6 credits in biology

Bio 101 or Bio 151 and lab (101L or 151L) .....	3 _____
Bio 103 or Bio 153 and lab (103L or 153L) .....	3 _____

3 credits in computer science

CSc 150, or CSc 213, or CSc 218 .....	3 _____
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12 credits in education

EdFn 338 .....	2 _____
EdFn 365 .....	2 _____
EdFn 427 .....	2 _____
EdFn 475 .....	3 _____
EPsy 302 .....	3 _____

21 credits secondary education

SeEd 314	1	_____
SeEd 400	4	_____
SeEd 410	2	_____
SeEd 413	3	_____
SeEd 450	2	_____
SeEd 488	8	_____
SpEd 401	1	_____

6 credit in social science courses

Psych 101* or Soc 100	3	_____
Anth 421	3	_____

3 credit in humanities courses

Phil* 200	3	_____
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15 additional credits of BOR (SGR) requirements

SGR Goal 1, Engl 101*, Composition I	3	_____
SGR Goal 1, Engl 201*, Composition II (or Engl 277)	3	_____
SGR Goal 2, SpCm 101*, Fund. of Speech	3	_____
SGR Goal 3, Social Science* (Catalog p xx - 2 disciplines) (3)	0	<u>above</u> Psych 101 or Soc 100
SGR Goal 3, Social Science* (Catalog p xx-xx) (G)	3	_____
SGR Goal 4, Humanities & Fine Arts* (Catalog p xx) (3)	0	<u>above</u> Phil 200
SGR Goal 4, Hum. & Fine Arts* (Catalog p xx-xx)(G)	3	_____
SGR Goal 5, Mathematics * (Catalog p xx) (3)	0	<u>above</u> Math 123
SGR Goal 6, Natural Science * (Catalog p xx) (6)	0	<u>above</u> Chem 112,114

8 credits of SDSU (IGR) requirements

IGR Goal 1, Land & Nat Res. (catalog p xx)	3	_____
IGR Goal 2, Wellness (Catalog p xx)	2	_____
IGR Goal 3, Soc Resp. / Cultural (Catalog p xx)	3	_____

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