



BBS-PHY

Exit Exam:

NAME: _____

Prepared by:

Phone #:

Date:

Minor:
Degree: **Bachelor of Science**
120 hours are required to graduate
36 hours of upper level are required

						Has		Needs	
Gen Ed Requirements						100	300	100	300
						200	400	200	400
3	ENGL	101	Composition I						
3	ENGL	201	Composition II						
3	CMST	101	215	222					
3	MATH	(see major)							
3-5	Natural Science & Lab (see major)								
3-5	Natural Science & Lab (see major)								
SOCIAL SCIENCE: take 2 courses from two different subject areas, 1 must be an * course - Civics Requirement. ARTS & HUMANITIES: take 2 courses from two different subject areas, (ART/H) are same subject) or a Foreign Language sequence.									
Social Science - 2 courses required									
ABS 203, ANTH 210, 220, 230, CIV 100*, CJUS 201, CMST 201 ECON 201, 202, GEOG 101, 200, 210, 212, 219 , GLST 201, HDFL 141, 210, HIST 151*, 152*, 256, 257, INED 211, NATV 110 , POLS 100*, 102, 141, 165, 210*, 250, 253, PSYC 101 , REL 237 , SOC 100, 150, 151, 240, 250, 285, SUST 201 , UHON 111, 210, WMST 247									
Arts & Humanities - 2 courses required									
ARCH 241, ART 111, 112, 121, 123, ARTH 100, 121, 211, 212, 231, 251 , ENGL 115, 210, 211, 212, 214, 221, 222, 230, 240, 241, 242, 248, 249, 250, 256, 258, 268, FREN 101, 102, 201, 202, GER 101, 102, 201, 202 , HIST 111, 112, 121, 122 HUM 100, 101, 200, LAKL 101, 102, 201, 202 , MCOM 151, 160, MFL 101, 102 , MUS 100, 117, 130, 131, 200, 201, 203, 240, PHIL 100, 200, 215, 220, 233, 240, 270, 287, REL 213, 224, 225, 238, 250, SPAN 101, 102, 201, 202, THEA 100, 131, 200, 201, 231, 270									
Addl. hours in major/minor to meet 50% rule									
Addl. hours to meet 60 from 4-yr Inst.									
Addl. hours to total 36 upper level									
Addl. hours to total 120									
TOTALS:									

* courses offered by different SDBOR school
Collaboration with SDSU, SDSM, USD

						Has		Need	
Major Requirements						100	300	100	300
						200	400	200	400
Required Core: 58 semester hours									
4	CHEM	112/L	General Chemistry I/Lab						
4	CHEM	114/L	General Chemistry II/Lab						
3	CSC	150	Computer Science						
4	MATH	123	Calculus I						
4	MATH	125	Calculus II						
4	MATH	225	Calculus III						
3	MATH	321	Differential Equations						
5	PHYS	211/L	University Physics I/Lab						
5	PHYS	213/L	University Physics II/Lab						
2	PHYS	312	Experimental Physics Design I						
3	PHYS	331	Introduction to Modern Physics						
3	PHYS	341	Thermodynamics						
2	PHYS	343	Statistical Physics						
4	PHYS	421	Electromagnetism						
4	PHYS	451	Classical Mechanics						
3	PHYS	471	Quantum Mechanics						
1	PHYS	490	Seminar*						
Select 4 courses from the following: 8-22 hrs.									
	PHYS	321	Implications of Space Travel						
	PHYS	361	Optics						
	PHYS	424	Digital Electronics *						
	PHYS	433	Nuclear & Elementary Particle Physics						
	PHYS	439	Condensed Matter Physics						
	PHYS	454	Semiconductor Materials*						
	PHYS	481	Mathematical Physics						
	PHYS	492	Topics						
	PHYS	498	Research						
TOTALS:									

66-80

* courses offered by different SDBOR school
Collaboration with SDSU, SDSM, USD

ID or SSN: