BLACK HILLS STATE UNIVERSITY

Major: **Physics**

2024-2025 - Status Sheet

BBS.PHY

Exit Exam: _____

Minor:

Degree: **Bachelor of Science**

120 hours are required to graduate _____

36 hours of upper level are required _____

Prepared by:

Phone #:

Date:

NAME:

ID or SSN:

Gen Ed Requirements

				Has 100/200	Has 300/400	Needs 100/200	Needs 300/400
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.
ARTS & HUMANITIES: take 2 courses from two different subject areas (ART/H) are the same subject), or a Foreign Language Sequence.

Social Science - 2 courses required

ABS 203 ANTH 210, 220, 230 CJUS 201 CMST 201 ECON 201, 202 GEOG 101, 200, 210, 212, 219 GLST 201 HDFS 141, 210 HIST 151, 152, 256, 257 INED 211 INFO 102 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 101, 247

Arts & Humanities - 2 courses required

ARAB 101, 102 ARCH 241 ART 111, 112, 121, 123 ARTH 100, 120, 121, 211, 212, 231, 251 CHIN 101, 102 ENGL 115, 125, 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 GFA 101 GREE 101, 102 HIST 111, 112, 121, 122 HUM 100 200 LAKL 101, 102, 201, 202 LATI 101, 102 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 RUSS 101, 102 SPAN 101, 102, 201, 202 THEA 100, 131, 200, 201, 231, 270

	Has 100/200	Has 300/400	Needs 100/200	Needs 300/400
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				

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

				Has 100/200	Has 300/400	Needs 100/200	Needs 300/400
TOTALS:							

Major Requirements

Required Core: 58 semester hours

				Has 100/200	Has 300/400	Needs 100/200	Needs 300/400
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

				Has 100/200	Has 300/400	Needs 100/200	Needs 300/400
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					

66-80

	Has 100/200	Has 300/400	Needs 100/200	Needs 300/400
TOTALS:				