



Major: **Physical Science**
2017-2018 - Status Sheet

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

B.BS.PHSC

Exit Exam: _____

* Collaborative program with DSU

Prepared by:

Phone #:

Date:

NAME: _____

Gen Ed Requirements	Has		Needs		Major Requirements	Has		Needs	
	100	300	100	300		100	300	100	300
3 ENGL 101 Composition I					Required Core: 26 semester hours				
3 ENGL 201 Composition II					4 CHEM 112/L General Chemistry I/Lab				
3 SPCM 101 215 222					4 CHEM 114/L General Chemistry II/Lab				
3 MATH (see major)					4 MATH 123 Calculus I				
3-5 Natural Science & Lab (see major)					4 MATH 125 Calculus II				
3-5 Natural Science & Lab (see major)					5 PHYS 211/L University Physics I/Lab				
					5 PHYS 213/L University Physics II/Lab				
SOCIAL SCIENCE: take 2 courses from two different subject areas.					Take 1 MATH course from the following: 3-4 hours				
ARTS & HUMANITIES: take 2 courses from two different subject areas (ART/H are the same subject), or a Foreign Language Sequence.					MATH 225 Calculus III				
Social Science - 2 courses required					MATH 281 Introduction to Statistics				
ABS 203 ANTH 210, 220, 230 CJUS 201					MATH 315 Linear Algebra				
ECON 201, 202 GEOG 101, 200, 210, 212, 219					MATH 316 Discrete Mathematics				
GLST 201 HDFS 141, 210 HIST 151, 152, 256, 257 INED 211 INFO 102 NATV 110					MATH 318 Advanced Discrete Mathematics *				
POLS 100, 102, 141, 165, 210, 250, 253 PSYC 101 REL 237 SOC 100, 150, 240, 250, 285					MATH 321 Differential Equations				
SUST 201 UHON 111, 210 WMST 101					MATH 373 Introduction to Numerical Analysis				
					MATH 413 Abstract Algebra				
Arts & Humanities - 2 courses required					MATH 422 Complex Variables				
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					MATH 487 Design of Experiments				
GREE 101, 102 HIST 111, 112, 121, 122					Select 6 courses (& lab) from the following: 18-24 hrs				
HUM 100 200 LAKL 101, 102, 201, 202 LATI 101, 102 MCOM 151, 160 MFL 101, 102					CHEM 326/L Organic Chemistry I/Lab				
MUS 100, 117, 130, 131, 200, 201, 203, 240					CHEM 328/L Organic Chemistry II/Lab				
PHIL 100, 200, 215, 220, 233, 270, 287 REL 213, 224, 225, 238, 250 RUSS 101, 102					CHEM 332/L Analytical Chem/Lab				
SPAN 101, 102, 201, 202 THEA 100, 131, 200, 201, 231, 270					CHEM 342 Physical Chemistry I				
					CHEM 344 Physical Chemistry II				
Addl. hours in major/minor to meet 50% rule					CHEM 434/L Instrumental Analysis/Lab				
Addl. hours to meet 60 from 4-yr Inst.					CHEM 452 Inorganic Chemistry				
Addl. hours to total 36 upper level					CHEM 464 Biochemistry I				
Addl. hours to total 120					CSC 150 Computer Science I *				
Select one course from the following list:					CSC 250 Computer Science II *				
CHEM 490 Seminar (1)					CSC 260 Object Oriented Design *				
ENGL 379 Technical Communication (3)					CSC 300 Data Structures *				
GEOL 490 Seminar (1)					CSC 316 Discrete Mathematics				
Select 12 credit hours from the following list:					CSC 318 Advanced Discrete Mathematics *				
CHEM 492 Topics (3-6)					CSC 410 Parallel Computing *				
CHEM 498 Research * (3-6)					CSC 433 Computer Graphics *				
GEOL 392 Topics (3-6)					CSC 482 Algorithm Analysis *				
PHSI 492 Topics * (3-6)					GEOL 201/L Physical Geology/Lab				
PHSI 498 Research * (3-6)					GEOL 310 Volcanology				
PHYS 492 Topics (3-6)					GEOL 340 Mineralogy and Petrology				
PHYS 498 Research * (3-6)					GEOL 360 Environmental Geochemistry				
RESR 498 Research (3-6)					GEOL 370 Hydrogeology				
SCI 492 Topics (3-6)					PHYS 331 Introduction to Modern Physics				
SCI 494 Internship (3-6)					PHYS 341 Thermodynamics				
					PHYS 343 Statistical Physics *				
					PHYS 361 Optics *				
					PHYS 421 Electromagnetism				
					PHYS 424 Digital Electronics *				
					PHYS 433 Nuclear & Elementary Particle Physics *				
					PHYS 451 Classical Mechanics				
					PHYS 471 Quantum Mechanics				
					PHYS 481 Mathematical Physics *				
					SCI 388 GIS/GPS				
TOTALS:					TOTALS:				