



Major: **Physical Science**
2016-2017 - Status Sheet

Exit Exam: _____

Minor:
Degree: **Bachelor of Science**

B.BS.PHSC

CAAP Proficiency: _____

120 hours are required to graduate _____
36 hours of upper level are required _____

* Collaborative program with DSU

Prepared by: _____

Phone #: _____

Date: _____

NAME: _____

| | | Has | | Needs | |
|----------------------------|-----------------------------------|-----|-----|-------|-----|
| | | 100 | 300 | 100 | 300 |
| | | 200 | 400 | 200 | 400 |
| Gen Ed Requirements | | | | | |
| 3 | ENGL 101 | | | | |
| 3 | ENGL 201 | | | | |
| 3 | SPCM 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). **GLOBALIZATION:** take 1 course with a # when selecting Social Science or Arts & Humanities courses.

| Social Science - 2 courses required | | Has | | Needs | |
|--|-------------------------------|-----|-----|-------|-----|
| | | 100 | 300 | 100 | 300 |
| | | 200 | 400 | 200 | 400 |
| ABS 203 | ANTH 210#, 220, 230 | | | | |
| 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, 240, 250, 285 | SUST 201 | | | | |
| UHON 111, 210 | WMST 101 | | | | |

| Arts & Humanities - 2 courses required | | Has | | Needs | |
|---|---|-----|-----|-------|-----|
| | | 100 | 300 | 100 | 300 |
| | | 200 | 400 | 200 | 400 |
| 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, 270, 287 | | | | |
| REL 213, 224, 225, 238, 250 | RUSS 101, 102 | | | | |
| SPAN 101, 102, 201, 202 | THEA 100, 131, 200, 201, 231, 270 | | | | |

| Additional hours to total 36 upper level | | Has | | Needs | |
|---|--|-----|-----|-------|-----|
| | | 100 | 300 | 100 | 300 |
| | | 200 | 400 | 200 | 400 |
| Additional hours to total 120 | | | | | |

Select one course from the following list:

| | | | | | |
|----------|-----------------------------|--|--|--|--|
| CHEM 490 | Seminar (1) | | | | |
| ENGL 379 | Technical Communication (3) | | | | |
| GEOL 490 | Seminar (1) | | | | |

Select 12 credit hours from the following list:

| | | | | | |
|----------|------------------|--|--|--|--|
| CHEM 492 | Topics (3-6) | | | | |
| CHEM 498 | Research * (3-6) | | | | |
| GEOL 392 | Topics (3-6) | | | | |
| PHSI 492 | Topics * (3-6) | | | | |
| PHSI 498 | Research * (3-6) | | | | |
| PHYS 492 | Topics (3-6) | | | | |
| PHYS 498 | Research * (3-6) | | | | |
| RESR 498 | Research (3-6) | | | | |
| SCI 492 | Topics (3-6) | | | | |
| SCI 494 | Internship (3-6) | | | | |

| TOTALS: | | Has | | Needs | |
|----------------|--|-----|-----|-------|-----|
| | | 100 | 300 | 100 | 300 |
| | | 200 | 400 | 200 | 400 |
| 60-69 | | | | | |

| | | Has | | Needs | |
|--|---|-----|-----|-------|-----|
| | | 100 | 300 | 100 | 300 |
| | | 200 | 400 | 200 | 400 |
| Major Requirements | | | | | |
| + 50% of major/minor must be from BHSU | | | | | |
| Required Core: 26 semester hours | | | | | |
| 4 | CHEM 112/L | | | | |
| 4 | CHEM 114/L | | | | |
| 4 | MATH 123 | | | | |
| 4 | MATH 125 | | | | |
| 5 | PHYS 211/L | | | | |
| 5 | PHYS 213/L | | | | |
| Take 1 MATH course from the following: 3-4 hours | | | | | |
| MATH 225 | Calculus III | | | | |
| MATH 281 | Introduction to Statistics | | | | |
| MATH 315 | Linear Algebra | | | | |
| MATH 316 | Discrete Mathematics | | | | |
| MATH 318 | Advanced Discrete Mathematics * | | | | |
| MATH 321 | Differential Equations | | | | |
| MATH 373 | Introduction to Numerical Analysis | | | | |
| MATH 413 | Abstract Algebra | | | | |
| MATH 422 | Complex Variables | | | | |
| MATH 487 | Design of Experiments | | | | |
| Select 6 courses (& lab) from the following: 18-24 hrs | | | | | |
| CHEM 326/L | Organic Chemistry I/Lab | | | | |
| CHEM 328/L | Organic Chemistry II/Lab | | | | |
| CHEM 332/L | Analytical Chem/Lab (Writing/Research) | | | | |
| CHEM 342 | Physical Chemistry I | | | | |
| CHEM 344 | Physical Chemistry II | | | | |
| CHEM 434/L | Instrumental Analysis/Lab | | | | |
| CHEM 452 | Inorganic Chemistry | | | | |
| CHEM 464 | Biochemistry I | | | | |
| CSC 150 | Computer Science I * | | | | |
| CSC 250 | Computer Science II * | | | | |
| CSC 260 | Object Oriented Design * | | | | |
| CSC 300 | Data Structures * | | | | |
| CSC 316 | Discrete Mathematics | | | | |
| CSC 318 | Advanced Discrete Mathematics * | | | | |
| CSC 410 | Parallel Computing * | | | | |
| CSC 433 | Computer Graphics * | | | | |
| CSC 482 | Algorithm Analysis * | | | | |
| GEOL 201/L | Physical Geology/Lab | | | | |
| GEOL 310 | Volcanology | | | | |
| GEOL 340 | Mineralogy and Petrology | | | | |
| GEOL 360 | Environmental Geochemistry | | | | |
| GEOL 370 | Hydrogeology | | | | |
| PHYS 331 | Introduction to Modern Physics | | | | |
| 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 | | | | |
| + (If Necessary) Additional hours in major to meet 50% rule | | | | | |
| TOTALS: | | Has | | Needs | |
| | | 100 | 300 | 100 | 300 |
| | | 200 | 400 | 200 | 400 |

ID or SSN: _____