Degree Requirements  
Bachelor of Science Physics  
2016-2018 Catalog

Name ________________________  Semester Enrolled __________

**Henderson Seminar:** (1 Hour)  
GEN 1031 Henderson Seminar (freshmen only)

**Freshman English/Writing:** (6 Hours)  
ENG 1463 Freshman English A  
ENG 1473 Freshman English B 
Or  
ENG1803 Honors Freshmen English

**Communication:** (3 Hours)  
COM 2013 Oral Communication

**Physical Well-Being**  
1 Hour  
Choose one:  
HPR 1011 Life Fitness Concepts

**Fine Arts and Humanities:** (6 Hours)  
Choose one:  
ENG 2013 World Literature I  
ENG 2023 World Literature II  
ENG 2053 Studies in Literature 
Choose one:  
ART 2033 Humanities Art  
MUS 2033 Humanities Music  
THA 2033 Humanities Theatre  
HUM 2093 Fine Arts: Honors  
HUM 2603 Humanities: Studio Art

**Social Science:** (9 Hours)  
Choose one:  
HIS 1013 World Civilization to 1660  
HIS 1023 World Civilization since 1660  
HIS 1043 World Civilization since 1660-Honors  
Choose one:  
HIS 2053 U.S. United States to 1877  
HIS 2063 U.S. United States since 1877  
PSC 1013 American National Government 
Choose one:  
ANT 2013 Intro. To Cultural Anthropology  
ECO 2013 Macroeconomics

**Natural Sciences (4 Hours)**  
BIO 1013/1021 Intro to Biology and Lab

**Nonwestern Culture:** (3 Hours)  
PHY 4293 Nonwestern Cosmology

**Writing across the Curriculum:** (3 Hours)  
Choose one:  
ENG 3313 University Writing  
ENG 4453 Advanced Composition  
ENG 3613 Technical Writing

**Writing Intensive (WI) Requirement:**  
Must pass with a grade of “C” or better

**Mathematics**  
MTH 1294 Calculus I (satisfies Math LAC)  
MTH 2044 Calculus II (satisfies Core LAC)

**Classical Physics**  
PHY 2234 University Physics I  
PHY 2244 University Physics II  
PHY3083 Mechanics  
PHY3103 Modern Physics  
PHY 3473 Computational Physics  
PHY 4183 Electrodynamics  
PHY 4273 Quantum Mechanics  
PHY 4253 Advanced Physics Lab

**Electives** (as needed to meet 120 hour minimum)

**Minor Courses** (varies by department)

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**Minimum JR/SR Hours:** 42

**Mathematics Course Selection Recommendations**

- If Math ACT >= 30 enroll in MTH 1294 Calculus I.
- If 23 < Math ACT < 30, enroll in MTH 1273 PreCalculus and MTH 1253 Plane Trigonometry.
- If 20 <= Math ACT <=23, enroll in MTH 1243 College Algebra and MTH 1253 Plane Trigonometry.

*These are recommendations and can be adjusted on a case-by-case basis; however, caution is advised. If in doubt, take the time to talk to the Chair or another advisor.*

Revision: 22 January 2019