PHYSICS – BACHELOR OF SCIENCE
Effective Fall 2016

First Year (Fall)

PHYS151	Introd to Mechanics (4) (CSTL)
CMA	MATH 150 or MATH 220 (CMA)
Writing Req.	ENGL 100 or ENGL 150 (CWR)
CSS	Self & Society (CSS)
CHH	Human Heritage (CHH)

Second Year (Fall)

PHYS251	Introduction to E&M (4)
PHYS200	Seminar for Physics Majors (1)
MATH	MATH 320 or MATH 330
CSS	Self & Society (CSS)
Language Req.	MODL 101 or MODL 102 (CLA)

Third Year (Fall)

PHYS	PHYS 301 or PHYS 303
Elective	Free Elective
MATH or Elective	MATH 330 or Elective
Elective	CHEM 150 suggested (4)

Fourth Year (Fall)

PHYS401	Advanced Physics Lab I
PHYS471	Quantum Mechanics
CCAP300	Tier III Core Capstone (CAP)
PHYS	PHYS 301 or PHYS 303
PHYS3xx	Physics Elective
PHED1xx	Phys Ed activity class (1)

This is a sample 4-year plan to complete the major listed above. While we believe that this represents an accurate depiction of the requirements, there are other pathways to degree completion. We strongly recommend that you meet with your academic advisor(s) regularly to review your requirements and progress toward graduation.

First Year (Spring)

PHYS252	Introduction to WOR (4)
MATH	MATH 220 or MATH 320
CCA	Creative Arts (CCA)
CHH	Human Heritage (CHH)
ENGL or Elective	ENGL 150 or Free Elective
PHED1xx	Phys Ed activity class (1)

Second Year (Spring)

PHYS351	Modern Physics (4)
PHYS361	Mathematical Physics
PHYS305	Electronics
MODL or Elective	MODL 102 or Elective
Electronics or Elective	PHYS 305 Electronics or Free Elective

Third Year (Spring)

Electronics or Electives	PHYS 305 Electronics or Elective
PHYS3xx	Physics Elective
CCA	Creative Arts
MATH	MATH 430 or MATH 380
Elective	Free Elective

Fourth Year (Spring)

PHYS402	Advanced Physics Lab II
PHYS3xx	Physics Elective
Elective	Free Elective
Elective	Free Elective
Elective	Free Elective

CORE CURRICULUM	code
Tier I Reading, Thinking, Writing	CWR
Tier I Quantitative Reasoning	CMA
Tier I Language Arts	CLA
Tier II Creative Arts	CCA
Tier II Human Heritage	CHH
Tier II Self & Society	CSS
Tier II Science & Technology	CSTL, CST
Tier III Core Capstone	CAP

ALL COURSES 3 credits unless noted (#)