



PHYSICS – BACHELOR OF SCIENCE

First Year (Fall)

PHYS115	Physics for future Presidents*
MATH220	Calculus I (CMA)**
ENGL150	College Writing II (CWR)
CSS1xx	Self & Society 100 level (CSS)
CHH1xx	Human Heritage 100 level (CHH)

Second Year (Fall)

PHYS251	Introduction to E&M (4)
PHYS200	Seminar for Physics Majors (1)
MATH330	Calculus III
CSS2xx	Self & Society 200 level (CSS)
Elective	Free Elective (or MODL101)

Third Year (Fall)

PHYS301	Classical Mechanics***
PHYS351	Modern Physics (4)
PHYS3xx	Physics Elective
CSTL	(Suggested course: CHEM150) (4)
CCA2xx	Creative Arts 200 level (CCA)

Fourth Year (Fall)

PHYS303	Electricity and Magnetism***
PHYS401	Advanced Physics Lab I
CCAP300	Tier III Core Capstone (CAP)
Elective	Free Elective or Physics Elective
Elective	Upper Level Free Elective

*Suggested, but not required

**If a student is placed in MATH150 instead of MATH220, all math courses will be shifted forward by one semester.

***These courses are offered every other year.

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)

PHYS151	Introduction to Mechanics (4)
MATH320	Calculus II
CCCL100	Computing & Comm (CCL)
CCA1xx	Creative Arts 100 level (CCA)
CHH2xx	Human Heritage 200 level (CHH)

Second Year (Spring)

PHYS252	Introduction to WOR (4)
PHYS361	Mathematical Physics
MATH430	Calculus IV (or MATH380 Diff. Eq.)
MODL102	Elementary Language II (CLA)
PHED1xx	Phys Ed activity class (1)

Third Year (Spring)

PHYS305	Electronics***
PHYS471	Quantum Mechanics
PHYS3xx	Physics Elective
CST	(Suggested course: CHEM152) (4)
PHED1xx	Phys Ed activity class (1)

Fourth Year (Spring)

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

CORE CURRICULUM	code
Tier I Reading, Thinking, Writing	CWR
Tier I Quantitative Reasoning	CMA
Tier I Computing & Technology	CCL
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 (#)

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