

Bachelor of Science Study Plan - Entering Fall 2025 and later

Name: _____ ID: _____ E-mail: _____ Class: _____

Major: **Physics**

Instructions Please print or type. The purpose of this study plan is to track your progress to degree completion by outlining the specific courses required for the program and when you expect to take them. Please indicate the term (semester) when you plan to take or have taken each course (e.g., 25F, 26S, 26F, etc.). If a choice of course is given for the requirement, circle the appropriate course number. For electives, fill in the course number. Courses completed via AP/IB or transfer credit should be marked as AP, IB, or TR respectively. Revise this plan as needed. An additional study plan will be required if you wish to pursue a minor or a second degree.

Term	Course	Credits	Grade	Term	Course	Credits	Grade
TERM I				TERM III			
I	CH 115 - General Chemistry I	3.0	_____	III	MA 221 - Differential Equations	4.0	_____
I	CH 117 - General Chemistry Laboratory I	1.0	_____	III	PEP 221 - Physics Lab I for Scientists	1.0	_____
I	CS 105 - Introduction to Scientific Computing OR	3.0	_____	III	PEP 242 - Modern Physics	3.0	_____
	CS 115 - Introduction to Computer Science	4.0	_____	III	PEP 297 - SKIL I: Intro to Data Analysis and Electronic Based Meas.	2.0	_____
I	HASS 103 - Writing and Communications Colloquium	3.0	_____	III	PEP 330 - Introduction to Thermal and Statistical Physics	3.0	_____
I	MA 121 - Differential Calculus	2.0	_____	III	PRV 20X - Frontiers of Technology ⁵	1.0	_____
I	MA 122 - Integral Calculus	2.0	_____	III	Humanities ⁴ : _____	3.0	_____
I	PEP 111 - Mechanics	3.0	_____				
I	PRV 101 - First Year Experience	1.0	_____				
TERM II				TERM IV			
II	CH 116 - General Chemistry II	3.0	_____	IV	Math Elective ⁶ : _____ OR	3.0	_____
II	CH 118 - General Chemistry Laboratory II	1.0	_____		ENGR 241 - Probability & Statistics with Data Science Apps	4.0	_____
II	HASS 105 - Knowledge, Nature, Culture	3.0	_____	IV	MA 225 - Infinite Series	2.0	_____
II	MA 125 - Vectors and Matrices	2.0	_____	IV	MA 226 - Multivariable Calculus II	2.0	_____
II	MA 126 - Multivariable Calculus I	2.0	_____	IV	PEP 209 - Fundamentals of Optics	3.0	_____
II	PEP 112 - Electricity and Magnetism	3.0	_____	IV	PEP 222 - Physics Lab II for Scientists	1.0	_____
II	PEP 187 - Seminar in Physics	1.0	_____	IV	PEP 369 - Introduction to Quantum Physics	3.0	_____
II	Science Elective ² : _____	3.0	_____	IV	Humanities: _____	3.0	_____

Student Signature: _____ Date: _____ Original _____ Revision _____

Academic Advisor Signature: _____ Date: _____ 2nd Degree _____

Name: _____ ID: _____ E-mail: _____ Class: _____

Major: **Physics**

Term	Course	Credits	Grade	Term	Course	Credits	Grade
TERM V				TERM VII			
V	PEP 298 - SKIL II: Digital Electronics and Microprocessor Controlled Meas.	2.0	_____	VII	PEP 553 - Quantum Mechanics and Engineering Apps	3.0	_____
V	PEP 332 - Mathematical Methods for Physical Sciences	3.0	_____	VII	General Elective:_____	3.0	_____
V	PEP 538 - Introduction to Mechanics	3.0	_____	VII	General Elective:_____	3.0	_____
V	MGT 103 - Introduction to Entrepreneurial Thinking	2.0	_____	VII	Technical Elective ¹ :_____	3.0	_____
V	General Elective ³ :_____	3.0	_____	VII	Technical Elective:_____	3.0	_____
V	Humanities:_____	3.0	_____				
TERM VI				TERM VIII			
VI	PEP 397 - SKIL III: Advanced Measurement Techniques and System Design	3.0	_____	VIII	General Elective:_____	3.0	_____
VI	PEP 542 - Electromagnetism	3.0	_____	VIII	Technical Elective:_____	3.0	_____
VI	General Elective:_____	3.0	_____	VIII	Technical Elective:_____	3.0	_____
VI	Humanities:_____	3.0	_____	VIII	Technical Elective:_____	3.0	_____
VI	PRV 20X - Frontiers of Technology	1.0	_____	VIII	Technical Elective:_____	3.0	_____
VI	PRV 20X - Frontiers of Technology	1.0	_____				

Notes:

- Technical Electives are any 3 credit courses offered by the Physics Department at the 300 level or above that are not already required for the program. The following courses may be counted as technical electives towards completion of the physics undergraduate program:
 - PEP 305, PEP 336, PEP 337, PEP 351, PEP 440, PEP 445, PEP 497, PEP 498, PEP 501, PEP 503, PEP 506, PEP 507, PEP 509, PEP 510, PEP 511, PEP 515, PEP 516, PEP 520, PEP 528, PEP 554, PEP 555, PEP 552, PEP 557, PEP 561, PEP 562, PEP 577, PEP 578, PEP 579
 Courses offered by other departments that have sufficient physics content may be counted as technical electives upon approval by an academic advisor
- Science Elective: The following courses may be used to satisfy the science elective requirement:
 - BIO 181, CE 240, EN 250, EN 275, NANO 200, PEP 151, PEP 152
- General Electives can be selected from available courses offered by programs in SES (including PEP courses), SOB, and HASS. Approval from the student's advisor and the course instructor may be required.
- Humanities: Please see [Humanities Requirements](#) for specific requirements.
- [SUCCESS Core Curriculum](#): Students must complete requirements including PRV 101, and three (3) courses from PRV 201, PRV 202, PRV 203, PRV 204, and PRV 205. (For physics majors PRV 201, PRV 202 and PRV 204 are recommended; PRV 203 can also be taken if BIO 181 is not used for credit.)
- Any 200 level or up Math course

ADDITIONAL COURSES

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Student Signature: _____ Date: _____ Original _____ Revision _____

Academic Advisor Signature: _____ Date: _____ 2nd Degree _____