



STUDY PLAN APPLICATION FOR CANDIDACY

BACHELOR OF SCIENCE

(For Students Entering Stevens Fall 2020)

NAME: _____

ID: _____

CLASS: _____

BOX S: _____

MAJOR CONCENTRATION FIELD: **PHYSICS**

Check here if this form is for a second undergraduate degree

INSTRUCTIONS: Please print or type. The purpose of this form is to list the courses required to complete your degree program. You should revise it as needed. Roman numerals indicate the standard curriculum time schedule. If a choice of courses is given for a requirement, select the appropriate course number. For electives, fill in the course number. Any course taken elsewhere should be marked TR. An additional study plan will be required if you wish to receive a minor or a second degree (B.A., B.S., M. ENG, or M.S.).

TERM	COURSE	CREDIT	GRADE	TERM	COURSE	CREDIT	GRADE
TERM I				TERM III			
I	_____ CH 115 General Chemistry I	3	_____	III	_____ MA 221 Differential Equations	4	_____
I	_____ CH 117 General Chemistry Lab I	1	_____	III	_____ PEP 209 Modern Optics	3	_____
I	_____ MA 121 Differential Calculus ¹	2	_____	III	_____ PEP 221 Physics Lab I for Scientists	1	_____
I	_____ MA 122 Integral Calculus ¹	2	_____	III	_____ PEP 297 SKIL I	2	_____
I	_____ CS 105 Intro. to Scientific Computing ^{1,4}	3	_____	III	_____ E 245 Circuits & Systems	3	_____
I	_____ PEP 111 Mechanics	3	_____	III	_____ Humanities ¹ _____	3	_____
I	_____ CAL 103 OR CAL 105 ¹	3	_____	III	_____ PE 200 Physical Education II ¹	0	_____
TERM II				TERM IV			
II	_____ CH 116 Chemistry II	3	_____	IV	_____ MA 227 Multivariable Calculus	3	_____
II	_____ CH 118 Chemistry Lab II	1	_____	IV	_____ PEP 222 Physics Lab II for Scientists	1	_____
II	_____ MA 123 Series, Vectors, Functions, and Surfaces ¹	2	_____	IV	_____ PEP 242 Modern Physics	3	_____
II	_____ MA 124 Calculus of Two Variables ¹	2	_____	IV	_____ PEP 298 SKIL II	2	_____
II	_____ PEP 112 Electricity and Magnetism	3	_____	IV	_____ PEP 330 Intro. to Thermal & Stat. Physics	3	_____
II	_____ BIO 281 Biology and Biotechnology	3	_____	IV	_____ MA 222 Probability and Statistics ¹	3	_____
II	_____ CAL 103 OR CAL 105 ¹	3	_____	IV	_____ Humanities ¹ _____	3	_____
II	_____ PE 200 Physical Education I ¹	0	_____	IV	_____ PE 200 Physical Education III ¹	0	_____

STUDENT SIGNATURE: _____

DATE: _____

ORIGINAL

FACULTY ADVISOR APPROVAL: _____

DATE: _____

UG RECORDS AUDITOR: _____

DATE: _____

REVISION



STUDY PLAN APPLICATION FOR CANDIDACY

BACHELOR OF SCIENCE

(For Students Entering Stevens Fall 2020)

NAME: _____

ID: _____

OTHER DEGREES PLANNED: _____

MAJOR CONCENTRATION: **PHYSICS**

MINOR(S): _____

TERM	COURSE	CREDIT	GRADE	TERM	COURSE	CREDIT	GRADE
TERM V				TERM VII			
V	_____ PEP 527 Mathematical Methods for Science & Eng. I	3	_____	VII	_____ Technical Elective ² _____	3	_____
V	_____ PEP 538 Intro. to Mechanics	3	_____	VII	_____ Technical Elective ² _____	3	_____
V	_____ PEP 553 Quantum Mechanics and Eng. App.	3	_____	VII	_____ Technical Elective ² _____	3	_____
V	_____ PEP 397 SKIL III	3	_____	VII	_____ General Elective _____	3	_____
V	_____ Humanities ¹ _____	3	_____	VII	_____ Humanities ¹ _____	3	_____
V	_____ PE 200 Physical Education IV ¹	0	_____				
TERM VI				TERM VIII			
VI	_____ PEP 542 Electromagnetism	3	_____	VIII	_____ Technical Elective ² _____	3	_____
VI	_____ PEP 398 SKIL IV	3	_____	VIII	_____ Technical Elective ² _____	3	_____
VI	_____ BT 243 OR BT 244 ¹ _____	3	_____	VIII	_____ Technical Elective ² _____	3	_____
VI	_____ General Elective _____	3	_____	VIII	_____ General Elective _____	3	_____
VI	_____ Humanities ¹ _____	3	_____	VIII	_____ Humanities ¹ _____	3	_____

Notes:

- ¹ PE Requirement- All students must complete a minimum of four semesters of Physical Education (P.E.) in non-repeating courses. No credit or grades are awarded for P.E. courses. Participation in varsity or club sports may be used to satisfy all four of the P.E. requirements.
- ² Discipline Specific Course
- ³ Additional courses beyond the B.S. requirements whether to meet minor requirements, to meet second degree requirements, or extra courses (e.g., from change in field of study).
- ⁴ Or CS 115 Intro. to Computer Science

OTHER COURSES ³

TERM	COURSE	CREDIT	GRADE
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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