



STUDY PLAN APPLICATION FOR CANDIDACY BACHELOR OF SCIENCE

(For Students Entering Stevens Fall 2020)

NAME: _____

ID: _____

CLASS: _____ BOX S: _____

MAJOR CONCENTRATION FIELD: **ENGINEERING 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	_____ E 115 Intro. to Programming ¹	2	_____	III	_____ E 245 Circuits & Systems	3	_____
I	_____ PEP 111 Mechanics	3	_____	III	_____ Humanities ¹ _____	3	_____
I	_____ E 120 Engineering Graphics	1	_____	III	_____ PE 200 Physical Education II ¹ _____	0	_____
I	_____ E 121 Engineering Design I	2	_____				
I	_____ CAL 103 ¹	3	_____	TERM IV			
TERM II							
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	_____ E 122 Engineering Design II	2	_____	IV	_____ Humanities ¹ _____	3	_____
II	_____ CAL 105 ¹	3	_____	IV	_____ PE 200 Physical Education III ¹ _____	0	_____
II	_____ PE 200 Physical Education I 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: **ENGINEERING PHYSICS**

MINOR(S): _____

TERM	COURSE	CREDIT	GRADE	TERM	COURSE	CREDIT	GRADE
TERM V				TERM VII			
V	_____ PEP 527 Mathematical Methods of Science and Engineering I	3	_____	VII	_____ Concentration Elective ² _____	3	_____
V	_____ PEP 538 Intro. to Mechanics	3	_____	VII	_____ Concentration Elective ² _____	3	_____
V	_____ PEP 553 Quantum Mechanics and Eng. App.	3	_____	VII	_____ Concentration Elective ² _____	3	_____
V	_____ PEP 397 SKIL III	3	_____	VII	_____ PEP 497 SKIL V	3	_____
V	_____ E 243 Probability and Statistics for Engineers ¹	3	_____	VII	_____ Humanities ¹ _____	3	_____
V	_____ Humanities ¹ _____	3	_____				
I	_____ PE 200 Physical Education IV ¹ _____	0	_____				
TERM VI				TERM VIII			
VI	_____ PEP 542 Electromagnetism	3	_____	VIII	_____ Concentration Elective ² _____	3	_____
VI	_____ PEP 398 SKIL IV	3	_____	VIII	_____ Concentration Elective ² _____	3	_____
VI	_____ BT 243 OR BT 244 ¹ _____	3	_____	VIII	_____ General Elective _____	3	_____
VI	_____ Concentration Elective ² _____	3	_____	VIII	_____ PEP 498 SKIL VI	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. classes. Participation in varsity or club sports may be used to satisfy all four of the P.E. requirements.

² Courses for technical concentration in either Applied Optics, Microelectronics and Photonics, or Atmospheric and Environmental Science

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).

OTHER COURSES³

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

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