Stevens Institute of Technology
Castle Point on Hudson
Hoboken, NJ 07030
Office of the Registrar
201.216.5210
FAX 201.216.8030

Bachelor of Science – Student entering 20□ Fall

☐ Study Plan ☐ Application for Candidacy (check one)

Name_____ ID:_____Class:_____ Box S-_____ Email:_____

Major Concentration Field: Chemistry Secondary Concentration Field:_____

Please print or type. The primary purpose of this form is to lay out the courses required to complete your degree program and when you expect to take each of them. You may then use it to track your own progress to the degree. You should revise it as needed. Please indicate the term when you expect to take each course (e.g., 2020F, 2021S, etc.). Roman numerals indicate the standard curriculum time schedule. If a choice of course is given for the requirement, circle 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 any of you wish to receive a minor or a second degree.

Term	Course	Credits	Grade
	TERM I		
_____	CH 115 General Chemistry I	3.0	_____
_____	CH 117 General Chemistry Laboratory I	1.0	_____
_____	PEP 111 Mechanics	3.0	_____
_____	CS 105 Introduction to Scientific Computing*	3.0	_____
_____	MA 121 Differential Calculus	2.0	_____
_____	MA 122 Integral Calculus	2.0	_____
_____	CAL 103 *Writing & Communication Colloquium*	3.0	_____
	TERM II		
_____	CH 116 General Chemistry II	3.0	_____
_____	CH 118 General Chemistry Lab. I	1.0	_____
_____	BIO 281 Biology and Biotechnology	3.0	_____
_____	MA 123 Series, Vectors, Functions and Surfaces	2.0	_____
_____	MA 124 Calculus of Two Variables	2.0	_____
_____	PEP 112 Electricity and Magnetism	3.0	_____
_____	CAL 105 *Knowledge, Nature, Culture*	3.0	_____

Term	Course	Credits	Grade
	TERM III		
_____	**CH 243 Organic Chemistry I**	**3.0**	_____
_____	**CH 245 Organic Chemistry Laboratory I**	**1.0**	_____
_____	**BIO 381 Cell Biology**	**4.0**	_____
_____	PEP 221 Physics Lab I for Scientists	1.0	_____
_____	MA 221 Differential Equations	4.0	_____
_____	**Humanities**[1] _____	**3.0**	_____
_____	[illegible]	0.0	_____
	TERM IV		
_____	MA 227 Multivariable Calculus	3.0	_____
_____	PEP 222 Physics Lab II for Scientists	1.0	_____
_____	**CH 244 Organic Chemistry II**	**3.0**	_____
_____	**CH 246 Organic Chemistry Laboratory II**	**1.0**	_____
_____	**CH 321 Thermodynamics**	**3.0**	_____
_____	**CH 501 Professional Ethics in Chemical & Scientific Research**	**1.0**	_____
_____	**Humanities**[1] _____	**3.0**	_____
_____	PE 200 Physical Education II_____	0.0	_____

☐ Original ☐ Revision ☐ 2nd Degree

Student Signature: _____ Date:_____

Faculty Advisor Signature: _____ Date:_____

UG Records Auditor: _____ Date:_____

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Name_____ ID:_____Class:_____ Box S-_____ Email:_____

Major Concentration Field: Chemistry Secondary Concentration Field:_____

Term	Course	Credits	Grade
	TERM V		
_____	CH 362 Instrumental Analysis I	4.0	_____
_____	CH 550 Spectra and Structure	3.0	_____
_____	CH 580 Biochemistry I	3.0	_____
_____	BT 244 Microeconomics	3.0	_____
_____	Humanities[1]_____	3.0	_____
_____	PE 200 Physical Education III_____	0.0	_____
	TERM VI		
_____	CH 461 Instrumental Analysis II	4.0	_____
_____	CH 581 Biochemistry II	3.0	_____
_____	MA 222 Probability and Statistics**	3.0	_____
_____	PEP 242 Modern Physics	3.0	_____
_____	Humanities[1]_____	3.0	_____
_____	PE 200 Physical Education IV_____	0.0	_____

Term	Course	Credits	Grade
	TERM VII		
_____	CH 421 Chemical Dynamics	4.0	_____
_____	CH 496 Chemistry Project I	3.0	_____
	OR CH 498 Chemical Research I		
_____	GE[3]_____	3.0	_____
_____	Humanities[1]_____	3.0	_____
_____	TE[2]_____	3.0	_____
	TERM VIII		
_____	Humanities[1]_____	3.0	_____
_____	CH 322 Theoretical Chemistry	3.0	_____
_____	CH 497 Chemistry Project II	3.0	_____
	OR CH 499 Chemical Research II		
_____	CH 412 Inorganic Chemistry I	4.0	_____
_____	CH 582 Biophysical Chemistry	3.0	_____

Additional Courses

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

Notes:

1. Humanities Requirement -Six additional humanities classes. At least one must be at the 100 or 200 level, at least one must be at the 300 or 400 level, and courses must cover at least two different disciplines within CAL.

2 . Chemistry Technical Elective to be selected from available CH 4XX & 5XX course offerings.

3. General Education Electives – Chosen by the student – can be any approved 3 or 4 credit course used towards a minor, major concentration, research, independent study, language courses, or a course taken during international experience.

4. These courses are the Core major courses for the Chemistry program.

5. 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 and club sports may be used to satisfy all four of the Physical Education requirements.

*** - CS115 is an acceptable substitution**

****-E243 is an acceptable substitution**

☐ Original ☐ Revision ☐ 2nd Degree

Student Signature: _____ Date:_____

Faculty Advisor Signature: _____ Date:_____

UG Records Auditor: _____ Date:_____

Revised July 2020