



Bachelor of Arts – Student entering 2017 Fall

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

Study Plan

Application for Candidacy (check one)

Name _____ ID: _____ Class: _____ Box S- _____ Email: _____

Major Concentration Field: Science Communication 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., 2013F, 2014S, 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	Course	Credits	Grade
<u>TERM I</u>				<u>TERM III</u>			
_____	Computer Science Requirement ²	3.0	_____	_____	Science Comm. Major Course ⁴	3.0	_____
_____	HST 120 Introduction to STS	3.0	_____	_____	Science Comm. Major Course ⁴	3.0	_____
_____	HHS 130 History of Science and Technology	3.0	_____	_____	Science Requirement ²	3.0	_____
_____	CAL 103 <i>Writing & Communication Colloquium</i>	3.0	_____	_____	Math Requirement ²	3.0	_____
_____	Science Comm. Major Course ⁴	3.0	_____	_____	General Elective ³	3.0	_____
<u>TERM II</u>				<u>TERM IV</u>			
_____	HPL 112 Science and Metaphysics	3.0	_____	_____	Science Comm. Major Course ⁴	3.0	_____
_____	Math Requirement ²	3.0	_____	_____	Science Comm. Major Course ⁴	3.0	_____
_____	CAL 105 <i>Knowledge, Nature, Culture</i>	3.0	_____	_____	Secondary Concentration ⁶	3.0	_____
_____	HLI 220 Images of Science in Literature	3.0	_____	_____	General Elective ³	3.0	_____
_____	HST 160 Intro to Science Communication	3.0	_____	_____	General Elective ³	3.0	_____

Student Signature: _____ Date: _____

Original

Faculty Advisor Signature: _____ Date: _____

Revision

UG Records Auditor: _____ Date: _____

2nd Degree



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Term	Course	Credits	Grade	Term	Course	Credits	Grade
<u>TERM V</u>				<u>TERM VII</u>			
_____	Science Comm. Major Course ⁴	3.0	_____	_____	Science Comm. Major Course ⁴	3.0	_____
_____	Secondary Concentration ⁶	3.0	_____	_____	Secondary Concentration ⁶	3.0	_____
_____	Research Methods: CAL 301 or HST 360	3.0	_____	_____	CAL 498 Thesis Preparation	3.0	_____
_____	Humanities ¹	3.0	_____	_____	Science Comm. Major Course ⁴	3.0	_____
_____	General Elective ³	3.0	_____	_____	General Elective ³	3.0	_____
<u>TERM VI</u>				<u>TERM VIII</u>			
_____	Secondary Concentration ⁶	3.0	_____	_____	Secondary Concentration ⁶	3.0	_____
_____	Science Comm. Major Course ⁴	3.0	_____	_____	CAL 499 Senior Thesis	4.0	_____
_____	Science Comm. Major Course ⁴	3.0	_____	_____	Humanities ¹	3.0	_____
_____	General Elective ³	3.0	_____	_____	Science Comm. Major Course ⁴	3.0	_____
_____	General Elective ³	3.0	_____	_____	General Elective ³	3.0	_____

Additional Courses

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

PE Requirement⁵

Term	Course	Credit Grade	Term	Course	Credit Grade
_____	PE 200	PE _____	_____	PE 200	PE _____
_____	PE 200	PE _____	_____	PE 200	PE _____

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Science Communication Study Plan Notes

- 1. Humanities Requirement – Students must take HHS 130, HST 120, HLI 220, HPL 112 and two additional humanities in another CAL discipline outside of the student’s major field.**
- 2. All CAL students are required to take four courses within Computer Science, Science and Math. Students may choose from CS 105, CS 115, or HAR 271 to fulfill the computer science requirement. Students can choose any 3 credit science or math course to fulfill the science and math requirement.**
- 3. General 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 an international experience. For a complete list of courses that satisfy Global and Environmental electives, please meet with your faculty advisor.**
- 4. Please see the list below of core major courses for this program offered through the College of Arts and Letters that would satisfy the Science Communication Major courses. Students can also choose to fulfill this requirement by taking certain math, science, and business courses offered by the School of Business and the School of Engineering and Science. Students may choose these courses as long as they have taken the prerequisites required, if any, and the courses are not being counted to fulfill other requirements such as the Science, Math, or CS electives or are being counted towards requirements for other degrees. See below for the complete list of science, math and business courses.**
- 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 sports may be used to satisfy up to three P.E. requirement.**

6. Secondary Concentration: This can be chosen from all disciplines offered at Stevens upon consultation with your faculty advisor.

Students can choose courses from the list below to complete the Science Communication Major courses.

One of the required major courses for this program must be HST 401: Seminar in Science Writing.

HST 320: Science and the Media
HST 415: The Nuclear Era
HST 250: Medical Humanities
HST 325: Visualizing Society
HST 340: Global Public Health
HST 350: Medical Anthropology
HST 366: History of the Automobile
HST 370 Biology, Eugenics, and Society
HST 380 Standardization and Society
HST 390: Anthropology of Technology
HST 450: The History of Stevens
HST 470: War and Science
HST 330: Environmental Communication
HST 495: Special Topics in STS

HAR 240: Introduction to Web Media for the Arts
HMU 205: Intro to Digital Media
HAR 480: Media Culture & Theory

HLI 316: Science Fiction
HLI 338: Thoreau and the Environment
HLI 321: Literature, Science & Technology

HSS 127: Introduction to Political Science
HSS 175: Fundamentals of Psychology
HSS 371: Computers & Society
HSS 458: Sociology of Science & Technology
HHS 310: Social History of Science
HHS 312: Technology & Society in America
HHS 369: Studies in the Scientific Revolution
HHS 465: Engineering in History
HHS 479: Studies in the History of Technology
HHS 363: Darwin and the Darwinian Revolution
HHS 414: Industrial America
HHS 451: From Ape to Adam: Understanding Human Evolution
HHS 476: History of Medicine

HPL 369: Science and Religion
HPL 380: Environmental Ethics
HPL 457: Bioethics
HPL 368: Philosophy of Science
HPL 455: Ethical Issues in Science and Technology
HPL 480: Environmental Policy

HSS 141: Introduction to Sociology
HSS 331: Biological Psychology
HSS 441: Gender and Race in Science and Engineering

BT 330 Social Psychology and Organizational Behavior
BT 423 Intellectual Property and International Business Law
MIS 201 Fundamentals of Information Systems

BME 306 Introduction to Biomedical Engineering

EN 377 Intro Environmental Engineering Systems
EN 379 Environmental Engineering Lab
EN 530 Introduction to Sustainable Engineering

CH 115 General Chemistry I (+ CH 117 Lab)
CH 116 General Chemistry II (+ CH 118 Lab)
CH 189 Seminar in Chemistry and Biology (1 credit)
CH 281 Biology and Biotechnology (+ CH 282 Lab)
CH 381 Cell Biology
CH 382 Biological Systems
CH 484 Molecular Genetics (+ Lab)

CS 544 Health Informatics
MA 236 Introduction to Mathematical Reasoning
PRV 501 Topics in Personalized Medicine

PEP 111 Mechanics
PEP 112 Electricity & Magnetism
PEP 123 General Physics I
PEP 124 General Physics II
PEP 151 Introduction to Astronomy
PEP 334 Introduction to Nuclear Physics and Nuclear Reactors
PEP 336 Introduction to Astrophysics & Cosmology

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