

Name: \_\_\_\_\_ ID: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Class: \_\_\_\_\_ Box S- \_\_\_\_\_ E-mail: \_\_\_\_\_

Major Concentration Field: COMPUTER SCIENCE Minor Field(s) (If Any): \_\_\_\_\_

Instructions 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., 02F, 03S, etc.). Roman numerals indicate the standard curriculum time schedule. If a choice of courses is given for a requirement, circle the appropriate course number. For electives, fill in the course number. Any courses taken elsewhere should be marked **TR**. An additional study plan will be required if you wish to receive a minor or a second degree.

| Term                           | Course   | Credits | Grade |
|--------------------------------|--|---------|-------|
| <b><u>REQUIRED COURSES</u></b> |  |         |       |
| I                              | Science I _____                                  | 3.0     | _____ |
| II                             | Science II _____                                 | 3.0     | _____ |
| II                             | Science Lab _____                                | 1.0     | _____ |
| I                              | MA121 –Differential Calculus                     | 2.0     | _____ |
| I                              | MA122 – Integral Calculus                        | 2.0     | _____ |
| II                             | MA123 – Series, Vectors, Functions, and Surfaces | 2.0     | _____ |
| II                             | MA124 – Calculus for Functions of Two Variables  | 2.0     | _____ |
| IV                             | MA222 – Probability and Statistics               | 3.0     | _____ |
| V                              | MA331 – Intermediate Statistics                  | 3.0     | _____ |
| III                            | BT330 – Social Psych. & Organizational Behavior  | 3.0     | _____ |
| I                              | PE200 - Physical Education I                     | 0.0     | _____ |
| II                             | PE200 - Physical Education II                    | 0.0     | _____ |
| III                            | PE200 - Physical Education III                   | 0.0     | _____ |
| IV                             | PE200 - Physical Education IV                    | 0.0     | _____ |

| Term                           | Course   | Credits | Grade |
|--------------------------------|--|---------|-------|
| <b><u>REQUIRED COURSES</u></b> |  |         |       |
| I                              | CS115 or CS181 - Introduction to Computer Science <sup>1</sup> | 4.0     | _____ |
| I                              | CS146 – Intro to Web Programming & Proj. Dev.                  | 3.0     | _____ |
| II                             | CS135 – Discrete Structures                                    | 4.0     | _____ |
| II                             | CS284 or CS182 - Data Structures                               | 4.0     | _____ |
| III                            | CS334 – Automata & Computation                                 | 3.0     | _____ |
| III                            | CS383 – Computer Organization & Programming                    | 3.0     | _____ |
| III                            | CS385 – Algorithms _____ <sup>4</sup>                          | 4.0     | _____ |
| IV                             | CS347 – Software Development Process                           | 3.0     | _____ |
| IV                             | CS392 - Systems Programming                                    | 3.0     | _____ |
| IV                             | CS496 – Principles of Programming Languages                    | 3.0     | _____ |
| V                              | CS442 - Database Management Systems                            | 3.0     | _____ |
| V                              | CS443 – Database Practicum                                     | 3.0     | _____ |
| V                              | CS511 - Concurrent Programming                                 | 3.0     | _____ |
| VI                             | CS492 – Operating Systems                                      | 3.0     | _____ |
| VI                             | CS522 or CS546 or CS548 (circle one)                           | 3.0     | _____ |
| VII                            | CS306 – Intro to IT Security                                   | 3.0     | _____ |
| VII                            | CS423 – Senior Design I  | 3.0     | _____ |
| VII                            | CS485 - Societal Impact of Info. Technologies                  | 1.0     | _____ |
| VIII                           | CS424 – Senior Design II                                       | 3.0     | _____ |

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Original  Revision

Faculty Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

2<sup>nd</sup> Degree

UG Records Auditor: \_\_\_\_\_ Date: \_\_\_\_\_



# Bachelor of Science - Computer Science - Students Entering Fall 2013

Study Plan /  Application for Candidacy (check one)

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

Name: \_\_\_\_\_ ID: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Class: \_\_\_\_\_ Box S- \_\_\_\_\_ E-mail: \_\_\_\_\_

Major Concentration Field: COMPUTER SCIENCE Minor Field(s) (If Any): \_\_\_\_\_

| Term  | Course | Credits | Grade | Term   | Course                                    | Credits | Grade |
|---|--------|---------|-------|--|---|---------|-------|
| <b><u>TECHNICAL ELECTIVES</u></b>           |        |         |       | <b><u>HUMANITIES</u><sup>2</sup></b>         |   |         |       |
| VI  | _____  | 3.0     | _____ | I  | CAL 103 / CAL 105                         | 3.0     | _____ |
| VIII  | _____  | 3.0     | _____ | II   | CAL 105 / CAL 103                         | 3.0     | _____ |
| <b><u>SOFTWARE DEVELOPMENT ELECTIVE</u></b> |        |         |       | III  | Humanities 100/200 level (not HAR or HMU) | 3.0     | _____ |
| VII   | _____  | 3.0     | _____ | IV   | Humanities 300 level (not HAR or HMU)     | 3.0     | _____ |
| <b><u>SCIENCE/MATH ELECTIVES</u></b>        |        |         |       | V  | HSS 371 / HPL 455                         | 3.0     | _____ |
| VI  | _____  | 3.0     | _____ | VI   | Humanities (not HAR or HMU)               | 3.0     | _____ |
| VII   | _____  | 3.0     | _____ | VII  | Humanities (not HAR or HMU)               | 3.0     | _____ |
| <b><u>FREE ELECTIVES</u></b>                |        |         |       | VIII   | Humanities (not HAR or HMU)               | 3.0     | _____ |
| VIII  | _____  | 3.0     | _____ | <b><u>ADDITIONAL COURSES</u><sup>3</sup></b> |   |         |       |
| VIII  | _____  | 3.0     | _____ | _____  | _____                                     | _____   | _____ |
|   |        |         |       | _____  | _____                                     | _____   | _____ |
|   |        |         |       | _____  | _____                                     | _____   | _____ |
|   |        |         |       | _____  | _____                                     | _____   | _____ |
|   |        |         |       | _____  | _____                                     | _____   | _____ |
|   |        |         |       | _____  | _____                                     | _____   | _____ |
|   |        |         |       | _____  | _____                                     | _____   | _____ |

- NOTES:
- Students who have little or no background in programming should take CS105 in Term I, CS115 in Term II, CS284 in Term II, and CS385 in Term IV. If a student starts with CS 105, then CS 105 may be used as a Computer Science or a Free Elective but in all cases CS 105 must be taken prior to CS 115.
  - The Humanities courses must have your advisor's approval prior to enrolling.
  - Mark "GD" courses beyond the B.S. requirements to defer to graduate program. Mark "XT" courses beyond the B.S. requirements to meet minor requirements, to meet second degree requirements, or extra courses.
  - Enter your Computer Science AP credit or a free elective if you completed CS181/CS182.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_  Original  Revision

Faculty Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_  2<sup>nd</sup> Degree

UG Records Auditor: \_\_\_\_\_ Date: \_\_\_\_\_