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STEVENS Institute of Technology

# Bachelor of Science – Information Systems-students entering Fall 2009

## ☐ 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: INFORMATION SYSTEMS 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., 2002F, 2003S, 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 |
|---|---|---|---|
| | **REQUIRED COURSES** | | |
| I _____ | BT101 - Introduction to Business Planning | 3.0 | _____ |
| III _____ | BT353 – Project Management | 3.0 | _____ |
| III _____ | MGT111 - Organizational Behavior | 3.0 | _____ |
| III _____ | MIS 201 – Fundamentals of Information Systems | 3.0 | _____ |
| IV _____ | BT113 - Marketing | 3.0 | _____ |
| IV _____ | BT115 - Financial Accounting | 3.0 | _____ |
| V _____ | SSW 564 – Requirements Acquisition | | |
| | or MIS 410 – Designing Information Systems | 3.0 | _____ |
| VI _____ | BT 414 – E-commerce | | |
| | or CS 519 – Distributed Commerce | 3.0 | _____ |
| VI _____ | MIS 440 – Information Networks | 3.0 | _____ |
| VIII _____ | MIS 460 – Managing the IT Resource | 3.0 | _____ |
| I _____ | Science I _____ | 3.0 | _____ |
| II _____ | Science II _____ | 3.0 | _____ |
| II _____ | Science Lab _____ | 1.0 | _____ |

| Term<br>Term | Course<br>Course | Credits<br>Credits | Grade<br>Grade |
|---|---|---|---|
| | **REQUIRED COURSES** | | |
| I _____ | CS115 or CS181– Intro. to Computer Science | 4.0 | _____ |
| I _____ | CS146 – Web Fundamentals | 3.0 | _____ |
| II _____ | CS135 – Discrete Structures | 4.0 | _____ |
| II _____ | CS284 or CS182- Data Structures | 4.0 | _____ |
| III _____ | CS385 - Algorithms | 4.0 | _____ |
| IV _____ | CS347 – Software Development Process | 3.0 | _____ |
| IV _____ | CS392 - Systems Programming | 3.0 | _____ |
| V _____ | CS442 - Database Management Systems | 3.0 | _____ |
| V _____ | CS506 – Introduction to IT Security | 3.0 | _____ |
| VI _____ | CS545 - Human Computer Interaction | 3.0 | _____ |
| VII _____ | CS551 - Software Engineering & Practice I | 3.0 | _____ |
| VIII _____ | CS552 - Software Engineering & Practice II | 3.0 | _____ |
| I _____ | MA115 - Calculus I | 3.0 | _____ |
| II _____ | MA116 - Calculus II | 3.0 | _____ |
| IV _____ | MA222 - Probability and Statistics | 3.0 | _____ |
| V _____ | MA 331 Statistical Methods | 3.0 | _____ |

Student Signature: _____ Date: _____ ☐ Original ☐ Revision

Faculty Advisor Signature: _____ Date: _____ ☐ 2nd Degree

UG Records Auditor: _____ Date: _____

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

Major Concentration Field: INFORMATION SYSTEMS Minor Field(s) (If Any): _____

| Term | Course | Credits | Grade |
|---|---|---|---|
| | **INFORMATION SYSTEMS ELECTIVES** [1] | | |
| VII | | 3.0 | |
| VIII | | 3.0 | |
| | **FREE ELECTIVES** | | |
| VII | | 3.0 | |
| VIII | | 3.0 | |
| I | PE100 - Physical Education I | 1.0 | |
| II | PE200 - Physical Education II | 1.0 | |
| III | PE200 - Physical Education III | 1.0 | |
| IV | PE200 - Physical Education IV | 1.0 | |

| Term<br>Term | Course<br>Course | Credits<br>Credits | Grade<br>Grade |
|---|---|---|---|
| | **HUMANITIES** [2] | | |
| II | | 3.0 | |
| III | | 3.0 | |
| V | | 3.0 | |
| VI | | 3.0 | |
| VI | | 3.0 | |
| VII | | 3.0 | |
| VII | | 3.0 | |
| VIII | | 3.0 | |
| | **ADDITIONAL COURSES** [3] | | |
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NOTES:
1. IS Elective is either a Computer Science or Business and Technology course.
2. Students must take eight Humanities courses, including four 100-Level (two in Group A - Literature or Philosophy and two in Group B - History and Social Sciences) from published list and four upper division electives (300 or 400 level). HSS371 Computers and Society counts as an upper division elective. MGT244 Microeconomics counts as either an upper division elective or as a Group B course. None of the 300/400 level hums may have the prefix HAR or HMU without advisor approval prior to enrolling.
3. Courses beyond the B.S. requirements whether to meet minor requirements, to meet second degree requirements, to defer to graduate program (mark GD) or extra courses (e.g. from change in field of study; mark XT

Student Signature: _____ Date: _____ ☐ Original ☐ Revision

Faculty Advisor Signature: _____ Date: _____ ☐ 2nd Degree

UG Records Auditor: _____ Date: _____



IS2009_SP