



The Volgenau School
of Information Technology and Engineering

MS-SWE PROGRAM - PLAN OF STUDY
(For students who matriculate Fall 2009 or after)

Student Name _____ Signature _____
 G# _____ Date _____
 Advisor Name _____ Signature _____
 Date _____

Please advise the department or your advisor of changes.

FOUNDATION COURSES

Foundations must be satisfied with a grade of B or better, and completed before enrolling in core curriculum courses.*

| | | <u>Semester</u> | <u>Grade</u> |
|-----------------|-------------------------------------|-----------------|--------------|
| SWE 510 | Object-Oriented Programming in Java | _____ | _____ |
| INFS 501 | Discrete & Logical Structures | _____ | _____ |
| INFS 515 | Computer Organization | _____ | _____ |
| INFS 519 | Program Design & Data Structures | _____ | _____ |

*If foundation courses have been satisfied, put "S" under "Semester" column.

CORE COURSES

| | | <u>Semester</u> |
|----------------|---|-----------------|
| SWE 619 | Object-Oriented Software Specification and Construction | _____ |
| SWE 621 | Software Modeling and Architectural Design | _____ |
| SWE 622 | Distributed Software Engineering | _____ |
| SWE 637 | Software Testing | _____ |

AREA EMPHASIS

Choose **3** courses from your chosen emphasis area.

Emphasis Area (N/A if none) : _____

| <u>Course No.</u> | <u>Course Title</u> | <u>Semester</u> | <u>Grade</u> |
|-------------------|---------------------|-----------------|--------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

ELECTIVES

Choose **3** courses from approved list of electives, available in the department office. Any electives that do not appear on the approved list **MUST** have your advisor's written approval before registration. Students may choose either the professional track consisting of 3 electives or the research track consisting of 1 elective and a 6-credit thesis.

| <u>Course No.</u> | <u>Course Title</u> | <u>Semester</u> | <u>Grade</u> |
|-------------------|---------------------|-----------------|--------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |