

College of Engineering & Applied Science
Master of Science Degree in Engineering
~Accelerated BS/MS Program of Study~

Guidelines in Developing the Program of Study

Students in the Accelerated BS/MS Program, in consultation with the major professor, must develop a proposed Program of Study prior to the start of graduate courses. Six credits of the program are completed as part of the bachelor's degree. The Program of Study is approved by the Associate Dean of Graduate Programs and must meet the distribution requirements listed below. For subsequent changes, the student must file a revised Program of Study for approval. If a course has U/G status, the student must follow the syllabus and grading scale designated for graduate students to have it count toward the MS degree. A U/G course will not be counted toward the graduate degree unless it was approved as part of the MS program of study prior to the start of the course.

MINIMUM CREDIT REQUIREMENTS

Program Option	Overall Credit Requirement	Credit Distribution for Program
Thesis	6 course credits completed as part of BS	15 credits of approved technical program
	18 course credits completed after admission to graduate status	9 credits of approved electives
	6 thesis credits	6 thesis credits
	Total 30 credits	Minimum 15 course credits at or above 700 level
Non-Thesis*,**	6 course credits completed as a part of BS	22 credits of approved technical program
	25 course credits completed after admission to graduate status	9 credits of approved electives
	Total 31 credits	Minimum 16 course credits at or above 700 level

* After 12 credits of course work are completed, changes from thesis to non-thesis option will not be allowed, except under exceptional circumstances to be considered on a case-by-case basis. Students may always change from non-thesis to a thesis option. Departments may make a thesis a requirement (or preference) of employment for TA's and RA's.

** Departments may offer the following options and publish appropriate guidelines:

Capstone Option – Course work plus 3 credit capstone project (Computer Science only)

Course Option – 1.) Minimum 3.5 GPA on 30 credits of course work, including at least 15 credits of 700 or higher. 2.) Take and pass a master's comprehensive examination offered at least once per semester.

Department must provide written description (see faculty advisor for details).

INDEPENDENT STUDY REQUIREMENTS

Independent study (maximum 3 credits) must have prior approval of the Associate Dean of Graduate Programs before the course can be added. The student should complete and submit an Independent Study approval form (available in EMS E379) to the Graduate Programs Office. This form should include the approval of the student's advisor, the independent study supervisor and the department chair prior to submission for final approval.

MASTER OF SCIENCE IN ENGINEERING ~ ACCELERATED BS/MS PROGRAM OF STUDY ~

(Please Print Clearly)

NAME: _____ STUDENT I.D. #: _____ DATE: _____

ADDRESS: _____ PHONE: _____

E-MAIL: _____ AREA OF STUDY: _____ ADVISOR: _____

Accelerated BS/MS Program	Course #	Course Title	Credits	Semester	BS/MS credits
Maximum 6 credits as part of the BS/MS program					

Recommendations for MS Program (advisor option)

Thesis Option – 30 cr. Non-Thesis Option – 31 cr.	Course #	Course Title	Credits	Semester	MS credits
TECHNICAL PROGRAM (Thesis Option – 15 cr. min.) (Non-Thesis Option – 22 cr. min.) Must include 700 level Graduate Seminar					
APPROVED ELECTIVES (9 cr. min.)					
THESIS (6 cr. min.)					

SUBMITTED BY: _____ DATE: _____
 Student

APPROVED BY: _____ DATE: _____
 Major Professor

APPROVED BY _____ DATE: _____
 Associate Dean Graduate Programs

- 700 Level or higher requirement: Thesis Option is 15 credits (excluding Thesis); Non-Thesis Option is 16 credits.
- Approved Areas of Concentration: Biomedical Engineering, Civil Engineering, Electrical Engineering, Industrial & Manufacturing Engineering, Materials Science, and Mechanical Engineering.
- Coursework transferred from another institution must be approved by using the Application for Transfer of Credits Evaluation (TCE) form (following the appropriate guidelines as stated on the back of the application form). Form is available from the Graduate School.