

M.S. in Engineering Science

Degree Requirements

To ensure academic success in their graduate studies, students may be required to take additional undergraduate or graduate courses before beginning graduate curricula. This program of bridge courses will be individually-designed in consultation with the student's graduate advisor. Such courses are not counted toward degree requirements.

A minimum of 30 credits is required. A thesis or project may be included.

Seminar: In addition to the minimum 30 degree credits, all students who receive departmental or research-based awards must enroll each semester in a graduate seminar. The seminar is selected in consultation with the graduate advisor.

M.S. in Engineering Science (courses only)

Code	Title	Credits
Required		
MATH 6XX	Two 600-level math courses	6
	One 600-level physics, chemistry, or biology course	3
	Two 600-level engineering courses	6
Electives ¹		
	Select five courses in consultation with graduate advisor	15
Total Credits		30

¹ The elective credits must form a meaningful and coherent program integrated with the specialization in science or engineering.

M.S. in Engineering Science (Master's project)

Code	Title	Credits
Required		
MATH 6XX	Two 600-level math courses	6
	One 600-level physics, chemistry, or biology course	3
	Two 600-level engineering courses	6
Project		
	Master's project	3
Electives ¹		
	Select five courses in consultation with graduate advisor	15
Total Credits		33

¹ The elective credits must form a meaningful and coherent program integrated with the specialization in science or engineering.

M.S. in Engineering Science (Master's thesis)

Code	Title	Credits
Required		
MATH 6XX	Two 600-level math courses	6
	One 600-level physics, chemistry, or biology course	3
	Two 600-level engineering courses	6
Thesis		
	Master's thesis	6
Electives ¹		
	Select five courses in consultation with graduate advisor	15
Total Credits		36

¹ The elective credits must form a meaningful and coherent program integrated with the specialization in science or engineering.