# Kazuo Inamori School of Engineering

## Graduate Degree Requirements

### M.S. Mechanical Engineering

| Undergraduate Preparation | • Four year degree in approved physical science or engineering program*
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Students with undergraduate degree outside Mechanical Engineering must satisfy all undergraduate prerequisites for Mechanical Engineering graduate courses.
| Total Credit Hours | • Thirty (30) hours of graduate credit
| Transfer Credit | • Up to 6 credit hours of relevant graduate work, subject to approval by the Graduate Program Director
| Course Work | • At least 18 credits of advanced coursework forming a coherent plan of in-depth study and selected in consultation with the student’s advisor or thesis committee
• ENGR 690 - Graduate seminar (0 credit) if required by thesis advisor or program chair
| Thesis or Project Credits | Depends on selected track, as follows:
• MECH 680 – Graduate Thesis (12 credits for thesis track)
• MECH 699 – Master’s Project (3 credits for project track)
| Progress Reports | • One-page progress report summarizing thesis progress and plans for upcoming semester
| Written Thesis and Oral Defense* | • Written thesis (typically < 50 page text) meeting approval of thesis advisory committee
• Successful oral defense of thesis
| Manuscript Requirement* | • Preparation and submission of at least one manuscript for publication in peer-reviewed journal
| Written project report* | • Written technical report meeting approval of project advisor
| Length of Study | • Within three years of admission for full-time students or within six years of admission for part-time students*

*Students must maintain continuous enrollment.