

**Kazuo Inamori School of Engineering
Graduate Degree Requirements**

M.S. Ceramic Engineering

Undergraduate Preparation	<ul style="list-style-type: none"> • Four-year degree in accredited engineering program
Total credit hours	<ul style="list-style-type: none"> • Thirty (30) hours of graduate credit, including 15 credits of coursework and 15 credits of thesis
Transfer Credit	<ul style="list-style-type: none"> • Up to 6 credit hours of relevant graduate work, subject to approval by the Graduate Program Director
Course Work	<p>At least 15 credit hours of course work, including</p> <ul style="list-style-type: none"> • CEMS 510 – Advanced Ceramic Processing (3 credits) or CEMS 511 – Science of Whitewares (3 credits) • CEMS 5xx – Characterization Elective (3 credits) • Graduate-level technical electives (9 credits) • ENGR 690 – Graduate Seminar (0 credits) each semester of full-time enrollment
Thesis Credits	<p>At least 15 credit hours of thesis, including</p> <ul style="list-style-type: none"> • ENGR 660 – Research seminar (1 credit), preferably taken during the first semester of graduate enrollment • ENGR 680 – Thesis research (14 credit minimum)
Progress Reports	<ul style="list-style-type: none"> • One-page progress report summarizing thesis progress and plans for upcoming semester
Written Thesis and Oral Defense	<ul style="list-style-type: none"> • Written thesis (typically < 50 page text) meeting approval of thesis advisory committee • Successful oral defense of thesis
Manuscript Requirement	<ul style="list-style-type: none"> • Preparation and submission of at least one manuscript for publication in peer-reviewed journal
Length of Study	<ul style="list-style-type: none"> • Designed to be completed in 16 months (3 semesters plus summer) of full time study • Must be completed within six years of admission* <p><i>*Students must maintain continuous enrollment.</i></p>