

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

M.S. Biomaterials Engineering

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| Undergraduate Preparation | <ul style="list-style-type: none"> • Four-year degree in physical sciences (including biology) or engineering |
| Total credit hours | <ul style="list-style-type: none"> • Thirty (30) hours of graduate credit, including 23 credits of coursework and 7 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 23 credit hours of course work, including</p> <ul style="list-style-type: none"> • CEMS 568 – Biomedical Materials (3 credits) • CEMS 569 – Advanced Biomedical Materials Engineering (3 credits) • CEMS 5xx – Materials Technical Electives (9 credits) • CEMS 5xx – Biology Technical Electives (8 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 – Graduate Thesis (6 credits) |
| 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 24 months (4 semesters plus summers) of full time study • Must be completed within six years of admission* <p><i>*Students must maintain continuous enrollment.</i></p> |