Current undergraduate students may participate in the BS/MS Program offered by the School. Georgia Tech undergraduate students may be admitted into the program after completing a minimum of 30 semester credit hours (and no more than 75 hours) at Georgia Tech and have a GPA of 3.5 or higher at time of application. Both the application fee and the GRE test score are waived. Students need to maintain at least a 3.0 GPA when receiving the B.S. degree in order to be converted into graduate student status and must continue immediately into the M.S. program in order to qualify for the 6 semester-hour "Graduate Course Credit" option, [http://catalog.gatech.edu/academics/undergraduate/credit-tests-scores/undergraduate-students-taking-graduate-courses/](http://catalog.gatech.edu/academics/undergraduate/credit-tests-scores/undergraduate-students-taking-graduate-courses/).

**Degree Requirements:**

**30 course hours required**, of which 21 hours must be at 6xxx (9 hours can be at the 4xxx level):

- 18 hours of MSE Approved Electives (see list below)
- 12 hours of electives

The BS-MS Program allows eligible students to use up to six credit hours of graduate-level MSE courses (or MSE approved courses) for both BS and MS degrees. A maximum of 12 hours graduate level courses can be taken as a BS level student, but only 6 hours can double count towards the MS. No course below 4xxx is permitted for counting towards the M.S. degree.

Up to three credit hours of elective course work may be taken Pass/Fail, and applied toward the degree hour requirements.

**MSE Approved Elective Courses (not limited to):**

- MSE 6010 Functional Materials
- MSE 6105 Diffraction Studies
- MSE 6110 Transmission Electron Microscopy
- MSE 6120 Quantitative Characterization of Microstructures
- MSE 6130 Surface Characterization
- MSE 6140 Computational Material Science
- MSE 6403 Kinetics of Phase Transformations
- MSE 6404 Scattering Theory
- MSE 6405 Advanced Nanomaterials
- MSE 6406 Corrosion of Materials
- MSE 6407 Biological Properties
- MSE 6411 Thermodynamics
- MSE 6510 Polymers for Electronic and Photonic Applications
- MSE 6600 Advanced Polymer Processing
- MSE 6602 Tensor Anal and Math Tech
- MSE 6603 Natural Polymers
- MSE 6750 Preparation & Reactions of Polymers
- MSE 6751 Physical Chemistry of Polymers in Solutions
- MSE 6752 Polymer Characterization
- MSE 6755 Theoretical Chemistry of Polymers or Statistical Mechanics
- MSE 6768 Polymer Structure, Physical Properties
- MSE 6774 (MSE/BMED): Biomaterials: Structure and Function
- MSE 6776 Integrated Low-Cost Microelectronics System Packaging
- MSE 6777 Advanced Biomaterials
Additional requirements include:

- 3.5 GPA for admission into the BS/MS program
- Completed at least 30 credit hours (not more than 75) at Tech, as an undergraduate student and apply for admission before completing junior year. Applications from students with more than 75 earned hours are reviewed on a case-by-case basis.
- All application materials for the BS/MS are online. Visit the Graduate Studies web page and complete a BS/MS Degree Program Form, https://grad.gatech.edu/bsms-degree-program-form. Please note that this form does not replace the official graduate application. After you submit the Online Application for Graduation (OAG) for Undergraduate Students during your graduating semester, you will also go ahead and submit your official application to the MSE graduate program.
- 3.0 GPA at completion of Masters.
- A permit is required to register for 6000+ level courses. Permits can be obtained by emailing Tia Williams, tia.williams@mse.gatech.edu.
- Program of Study form due to the School office by the end of the BS degree coursework. You can access a writeable PDF version of the program of study at: http://www.mse.gatech.edu/sites/default/files/BS-MS%20Program%20%28Updated%29.pdf.