The GRE General Test is not required. Academic performance, letters of reference, and statement of purpose are considered in the admission process. Current Illinois MatSE students with Junior standing and an overall grade point average of at least 3.00 (A = 4.00) may apply for provisional admission to the program. Admission is based on overall grade point average of at least 3.00 (A = 4.00). The five-year B.S.-M.Eng. program in Materials Science and Engineering combines two degrees: a B.S. in Materials Science and Engineering (MatSE) with an M.Eng in Materials Engineering. Current Illinois MatSE students enrolled in the College of Engineering, who maintain appropriate academic performance, are eligible to apply for this program. The program is designed to enhance the students experience in the engineering aspects of materials, broaden their knowledge beyond that possible in the standard 4-year curriculum and obtain a foundation in business, technology management, and/or entrepreneurship. Two semesters (or equivalent, a minimum of 30 weeks) of industrial co-op or internship are required; a research thesis is not required. In addition, students must maintain an overall GPA of 3.00 through completion of the B.S. component. Students admitted to the program will receive both degrees once all requirements for the 5-year B.S.-M.Eng. degree program have been successfully completed. Graduates in MatSE. Students wishing to pursue a Ph.D. must apply separately for admission to that program.

Information listed in this catalog is current as of 04/2019
Management or Business minor or the Technology Commercialization Certificate is recommended for those admitted by application if available hours permit. The students are expected to complete, during the combined program, at least 10 hours of courses in the areas of business, technology management and/or entrepreneurship from an approved list (available from the department), with additional hours recommended. It is noted that since receipt of the B.S. degree is delayed until the requirements for the M. Eng are completed, the student has the opportunity to complete the undergraduate minors while taking the M. Eng requirements.

- Overall GPA of 3.00 maintained through completion of B.S. component of the program and minimum residency requirements satisfied.

**M.Eng. Component (minimum 36 additional hours of coursework)**

- 36 hours course work, including at least 19 graduate hours of MatSE courses with 12 hours credit overall in 500-level courses. The course work shall include MSE 585 (two semesters or equivalent, 30 weeks total, of industrial internships or co-ops; one of the semesters can be during the B.S. program), 6 hours of 400- or 500-level area specialty courses in the student's area, 3 hours of 400- or 500-level MSE courses from a different area, 2 hours of MSE 595, and 2 hours of MSE 529 or MSE 559. Ten hours of courses in one or more of the areas of business or technology management, and entrepreneurship are required to be included in the overall program. Completion of the requirements for the various Certificates granted by the Technology Entrepreneur Center is recommended.

- MSE 492; credit does not count toward degree.

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1 Students find internship companies and positions with the help of the departmental and College Placement offices. The MSE 585 internship requires approval by the departmental Director of Graduate Studies to ensure that it matches the student’s individual career objectives and meets the learning goals of the program. Students taking an internship as part of their undergraduate B.S. program should also check with the Director of Graduate Studies; his/her approval is required if the student is already accepted in the combined B.S./M. Eng. Program. Students will be expected to present an oral report on their internship in either MSE 529 or MSE 559, as appropriate, the semester following completion of the internship.