



Columbia University in the City of New York
The Fu Foundation School of Engineering and Applied Science
Office of Graduate Student Services • 524 Mudd • (212) 854-6438

INTEGRATED BS/MS PROGRAM IN MECHANICAL ENGINEERING

The Department of Mechanical Engineering is offering a **new Integrated BS/MS** degree beginning in the Fall 2010 semester. This new program is open to a select group of Columbia **juniors**, and makes possible the earning of both a BS and an MS degree simultaneously. The program offers the following advantages:

- 1) optimal matching of graduate courses with their corresponding undergraduate prerequisites;
- 2) greater ability to plan ahead so that the MS requirements do not have to be squeezed into two or three semesters
- 3) increased depth and breadth since graduate courses can be taken earlier in the program;
- 4) opportunity to do research for credit during the summer after senior year (subject to approval of a faculty member willing to supervise the work);
- 5) up to six points of 4000-level technical electives from the BS requirements may count toward the fulfillment of the point requirements of the MS degree;
- 6) simplified application process (no GRE or TOEFL for qualified students)

Employers are now favoring applicants with the additional education and experience implied by the MS degree. By merging the programs, we can provide you with the degree in the most efficient manner.

Application process

- You must be a junior in the Mechanical Engineering BS program at Columbia and plan to take **at least 6 points** of your 12 pt technical elective requirement at the 4000-level.
- You need to complete and submit a single-page form that may be obtained from the ME Department front desk, or from the Mechanical Engineering homepage (<http://me.columbia.edu/>).
- Your cumulative Columbia GPA should be at least 3.4.
- Three Columbia ME faculty members, who have agreed to act as references, should be listed on the form. Do not ask them to write letters; the Department will contact them.
- Transcripts are not required; the Department will obtain them.
- No GRE is required.
- No TOEFL is required of foreign students.
- No application fee is required.

*The deadline for submission of the application for fall admission is **April 30**. Students can expect to be notified of an admissions decision within one month.*

Integrated BS/MS versus Express MS Program

Integrated BS/MS Program	Express MS Program
<ul style="list-style-type: none">• Simplified application process• Only available to ME juniors• Not available to 3-2 Combined Plan students• MS requires only 24 points, as long as 6 points of BS technical electives are at 4000-level• Requires early planning and course scheduling starting in junior year• BS and MS degrees awarded simultaneously at end of integrated program.• Cannot be used for MS leading to PhD. Separate PhD application may follow completion of Integrated BS/MS program.	<ul style="list-style-type: none">• Simplified application process• Only available to seniors• Open to all seniors, including Combined Plan• MS requires 30 points• Early planning not required• BS and MS degrees awarded sequentially, at the end of each individual program• Cannot be used for MS leading to PhD. Separate PhD application may follow completion of Express MS program.

Note: Students who have opted for the Integrated Program but must interrupt their studies can get the BS degree, provided all BS requirements have been satisfied.