MASTER OF BUSINESS ADMINISTRATION (MBA) DEGREE / MASTER OF MATERIALS SCIENCE AND NANOENGINEERING (MMSNE) DEGREE

Program Learning Outcomes for the MMSNE Degree

Upon completing the MMSNE degree, students will be able to:

1. Acquire broad, advanced knowledge within either Materials Science or NanoEngineering, which is also in-depth in one major sub-discipline of the field.
2. Conduct research at an advanced level in at least one area of Materials Science and Nanoengineering.
3. Communicate scientific ideas effectively in writing and when speaking.
4. Demonstrate the ability to gain admission to a graduate or professional program, if interested in pursuing further education.
5. Demonstrate the ability to gain employment or advancement in a technical field related to Materials Science and NanoEngineering, if pursuing non-academic careers.

Program Learning Outcomes for the MBA Degree Programs

Upon completing the MBA degree programs, students will be able to:

1. Demonstrate an understanding and application of the foundational frameworks and tools of all business disciplines, including accounting, finance, marketing, organizational behavior, and strategic management.
2. Develop, evaluate, and implement complex business strategies and operational solutions holistically, integrating management principles across the functional areas.
3. Function effectively in a team setting both as a leader and a contributor.

Requirements for the MBA/MMSNE Coordinated Degree Program

Students may earn this non-thesis Master of Engineering degree in the following fields:

- Bioengineering
- Chemical Engineering
- Civil and Environmental Engineering
- Computational and Applied Mathematics
- Computational Science and Engineering
- Computer Science
- Electrical Engineering
- Materials Science and Nanoengineering
- Mechanical Engineering
- Statistics

Coordinated degree candidates can fulfill requirements for both degrees in 2 academic years.

For the coordinated MBA/Master of Engineering degree, students must complete:

- A minimum of 2 academic years in residence at Rice
- A minimum of 69 semester hours in approved coursework, including:
  - A minimum of 24 credit hours in an engineering discipline
  - A minimum of 45 credit hours in business
- At minimum of 6 credit hours of the 45 credit hours in business must also meet the requirements towards the Master of Engineering degree and will be counted towards both degrees.

Students plan their course schedules in consultation with the engineering department in which they are enrolled and with the Jones Graduate School of Business Registrar Department.

Policies for the MBA/MMSNE Coordinated Degree Program

For additional information on these two degrees:

1. Please see the Business website: https://business.rice.edu/
2. Please see the Materials Science and Nanoengineering website: https://msne.rice.edu/

Opportunities for the MBA/MMSNE Coordinated Degree Program

For additional information on these two degrees:

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2. Please see the Materials Science and Nanoengineering website: https://msne.rice.edu/