

GRADUATE PROGRAMS OF STUDY

Graduate Studies Programs

Learn more about graduate programs of study at Rose-Hulman. Within the academic catalog, you will find degree and course requirements for all Master's (course-based) or Master of Science (project/thesis-based) curricula.

Programs of Study

Below are links to more information about our graduate programs, including specific degree and course requirements. A graduate student wishing to change departments/majors after being initially admitted to one department must request that their application materials be sent to the new department for review and admission approval.

Graduate Programs of Study

Ready to take the next step towards your future? Click through to learn more about the graduate programs of study at Rose-Hulman.

- Biomedical Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/biomedical-engineering-ms/>)
- Chemical Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/chemical-engineering-mast/>)
- Chemistry (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/chemistry-mast/>)
- Electrical & Computer Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/electrical-computer-engr-mast/>)
- Electrical Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/electrical-engineering-ms/>)
- Engineering Management (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/engineering-management-mast/>)
- Environmental Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/environmental-engineering-mast/>)
- Mechanical Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/mechanical-engineering-mast/>)
- Optical Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/optical-engineering-ms/>)
- Structural Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/civil-engineering-mast/>)

Master of Science Degrees

Thesis- or Project-based Master of Science Degrees

Students who are interested in performing original research and/or research methodology are encouraged to pursue a thesis-or project-based master of science program. Typically, these are students who would like to pursue a Ph.D. or work on industrial projects. The thesis-based or project-based degree emphasizes independent problem solving.

Thesis-based Program Options:

- Biomedical Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/biomedical-engineering-ms/>)
- Chemical Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/chemical-engineering-mast/>)
- Chemistry (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/chemistry-mast/>)

- Mechanical Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/mechanical-engineering-mast/>)

Project-based Program Options:

- Engineering Management (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/engineering-management-mast/>)
- Environmental Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/environmental-engineering-mast/>)

Master's Degree

A course-based master's degree in engineering or chemistry is a professional degree that is great for both new graduates looking to enhance entry-level industry opportunities and for professionals who already have experience in a particular area.

Coursed-based Program Options:

- Chemical Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/chemical-engineering-mast/>)
- Chemistry (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/chemistry-mast/>)
- Engineering Management (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/engineering-management-mast/>)
- Environmental Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/environmental-engineering-mast/>)
- Mechanical Engineering (<https://catalog.rose-hulman.edu/catalog/graduate-programs-study/mechanical-engineering-mast/>)