

CHEMISTRY, MS

Degree: Master of Science (MS)

Field of Study: Chemistry

Program Overview

The Department of Chemistry at Case Western Reserve University strives to provide a world-class program of research and coursework for pursuit of graduate degrees in chemistry. The MS program is designed to equip students with a strong foundation for a career in chemistry, areas allied with chemistry, and chemical management. To accomplish this mission, the department offers lecture and laboratory courses, seminars, and research experience (i.e., academic/industry internships).

Graduate Policies

For graduate policies and procedures, please review the School of Graduate Studies section of the General Bulletin.

Program Requirements

The Master of Science in Chemistry may be obtained by completing (1) a program that includes the preparation of a master's thesis, or (2) a program involving only course work. Both programs require a minimum of 30 credit hours, of which up to 6 credit hours may be for the master's thesis. Course work for the master's degree may be taken on a part-time basis, but thesis research can be undertaken only by full-time graduate students. Thus, only the master's degree without thesis can be earned entirely on a part-time basis.

The Science and Technology Entrepreneurship Program (STEP) is a three- or four-semester professional MS degree offered in chemistry as well as in biotechnology and physics. Students enter the Chemistry Entrepreneurship program with a bachelor's, master's, or doctoral degree in a chemistry-related field. The program consists of advanced courses in chemistry, business, and technology innovation and an entrepreneurial project with technical content in an existing company or new venture.