The online master of science degree in Biochemistry and the hybrid master of science degree in Chemistry (online and on campus) at the University of Saint Joseph are ideal for working professionals who cannot be constrained by a traditional course program. Students can fit courses around their work and home schedules, completing a master’s degree within two or three years.

“There’s nothing like the one-on-one attention you get from great professors (who actually know your name!) in a small intimate class.”
— James Quinlan M’06 Chemistry

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• Ideal for working professionals
• Online to fit your schedule
• On-campus classes on weeknights, after work
• High USJ academic standards
• Same USJ professors

UNIVERSITY OF SAINT JOSEPH

The University of Saint Joseph (USJ) offers a wide range of graduate, undergraduate, and certificate programs that combine a professional and liberal arts education with a focus on service. Coeducational graduate master’s and doctoral degree programs are taught on the University’s two campuses in West Hartford and Hartford, Connecticut; at off-campus locations throughout the state; and online. Undergraduate programs for women and for coeducational adult students take place on our beautiful suburban campus and include more than 22 majors and six pre-professional programs, each of which provides personal attention in a caring environment. Founded in 1932 by the Sisters of Mercy, the University of Saint Joseph welcomes students from diverse backgrounds and religious traditions.

DIRECTIONS

The University of Saint Joseph is located in West Hartford, Connecticut off I-84, exit 43/Park Road. Turn right at the end of the ramp, then take an immediate left at the first light onto Trout Brook Drive. At the fifth light, turn right onto Asylum Avenue then take the first left into the The University of Saint Joseph campus.
University of Saint Joseph Master of Science.

Biochemistry or Chemistry

**A COMPREHENSIVE CURRICULUM**
Continuing the tradition of excellence in the sciences, the University of Saint Joseph offers two Chemistry programs for graduate study; online Biochemistry and hybrid Chemistry. The comprehensive courses range from cancer biochemistry to planetary chemistry. These 30-credit degree programs enable you to increase the depth and scope of your professional knowledge, preparing you for career advancement. You design the program with the help of the program director, allowing you to tailor your studies to meet specific educational goals.

**CAREER OPPORTUNITIES**
Graduates have gone on to teach at community colleges, to work at Pfizer and other pharmaceutical companies, as well as various state and federal agencies. Others utilize this degree as preparation for professional medical programs such as pharmacy and medical school. Many were promoted in their present careers.

**THE PROGRAMS**

- **BIOCHEMISTRY ONLINE at your convenience**
Biochemistry — online at your convenience. The same high academic standards, the same professors, the same degree from the place with the great reputation: University of Saint Joseph.

  The online format will provide you with the flexibility and convenience to continue your education while earning a living. The courses use a variety of pedagogies: threaded discussion, case studies, problem solving, essay writing, and peer review. Students generally receive more individualized attention than those in the traditional classroom.

- **CHEMISTRY HYBRID online and on campus**
The Chemistry hybrid program is held online as well as in the classroom with classes held on weeknights to accommodate your professional work schedule. Courses are specifically designed for working professionals. Classes meet one evening a week or are offered online to accommodate your busy schedule. With rolling admissions, you can start your program when it suits you.

**M.S. IN BIOCHEMISTRY Program Requirements (30 Credits)**

**Required Courses**

- CHEM 500 Chemical Thermodynamics 3
- CHEM 525 Biochemistry 3
- CHEM 530 Biochemistry II 3
- BIOL 525 Genetics 3

**Course Electives** are offered on a wide range of topics including: Cell Biology, Medicinal Chemistry, Pharmacology, Biochemistry of Diseases, Organic Chemistry, Forensics. A complete course listing can be found on our website at www.usj.edu/gradbiochem.

**M.S. IN CHEMISTRY Program Requirements (30 Credits)**

**Required Courses**

- CHEM 500 Chemical Thermodynamics 3
- CHEM 525 Inorganic Chemistry 3
- CHEM 525 Biochemistry I 3
- CHEM 560 Advanced Organic Chemistry I 3
- or CHEM 561 Advanced Organic Chemistry II 3

**Course Electives** are offered on a wide range of topics including: Planetary Chemistry, Medicinal Chemistry, Biochemistry of Diseases, Organometallic Chemistry, Environmental Chemistry, Forensics. A complete course listing can be found on our website at www.usj.edu/gradchemistry.

**THESIS OPTION**
This option is for a limited number of students who must receive prior approval of their research proposal by the program director and a thesis advisor. If approved for this option, the student enrolls in CHEM 589 Research Seminar (3) and CHEM 599 Master’s Thesis (3) as part of the 30 credits. Students in the thesis option will present and defend their thesis as a culminating activity in lieu of a written comprehensive exam.

**ADMISSION REQUIREMENTS**

- An admission application, available at www.usj.edu/graduate
- $50 application fee
- Sealed transcript of your bachelor’s degree in Chemistry, Biochemistry, or Biology from a regionally-accredited institution (Minimum GPA - 2.8)
- Prerequisites for admission: Two semesters each of introductory Chemistry, Organic Chemistry, and Physics (all with labs) and two semesters of Calculus
- An interview, in person or by phone, with the program director to discuss your interest in the program and to work on a planned program of study
- For students taking courses on campus and born before 12/31/56: Record of immunization for Measles, Mumps, and Rubella, submitted to the Health Services Center at the University of Saint Joseph. Requirement is waived for students taking only online courses and for those born on or before 12/31/56.
- No GRE or other exam required

**NEXT STEPS**

- Submit an application, available at www.usj.edu/graduate
- Visit www.usj.edu/graduate to access the latest graduate catalog or to register for upcoming events
- Visit www.usj.edu/gradbiochem or www.usj.edu/gradchemistry for more information about the program and the faculty

**CONTACT INFORMATION**

Program Information and Developing your Plan of Study:
Dr. Diane Dean, Chemistry program director
Tel: 860.231.5305; ddean@usj.edu

General Information: Office of Graduate and Professional Studies
Tel: 860.231.5261; Fax: 860.231.5479
graduate@usj.edu

“The online Biochemistry program at University of Saint Joseph gives me access to dedicated professors who impart critical and up-to-date knowledge in the field while allowing me the flexibility to attend classes when it is most convenient for me.”

— Kristi Upton M’11 Biochemistry