



Arizona State University (Tempe campus)

Chemistry, MS

Study details

Course type: Master's degree

Degree: Chemistry, MS LACHEMMS

Study mode: Full time

Duration: 24 Month

Cost of study

Cost : 38 526 USD

Reg. fee : 115 USD

Scholarship :

Insurance : 2 765 USD

Intake/s

Jan/Aug

Requirements

Admission requirements

- Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.
- Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in chemistry, biochemistry or a closely related field from a regionally accredited institution.
- Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. personal statement
4. three letters of recommendation
5. proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency (TOEFL 80 (no band below 20) (IELTS 6.5 at least 6.0 in all skills)) regardless of their current residency.

Accommodation

Provided by partner agencies;

On-campus housing and meals \$18,933

Speciality

STEM-OPT for international students on F-1 visas

This program may be eligible for an Optional Practical Training extension for up to 24 months. This OPT work authorization period may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing a degree through ASU Online.

Additional information

Program description

Degree awarded: MS Chemistry

Students earning an MS degree in chemistry in the School of Molecular Sciences are trained in the foundation disciplines of analytical, organic, physical, inorganic and environmental chemistry and geochemistry. Most also choose to learn by joining transdisciplinary research teams that work on larger, mission-based contemporary problems in areas such as:

- energy and sustainability
- frontiers of chemical measurement
- fundamental molecular science
- geologic and biospheric science
- materials and nanoscience
- medicine and health
- structure function and dynamics

The master's degree program in chemistry provides students with the training they need to solve molecular scale problems and to contribute to research in current challenging societal issues.

Career opportunities

Professionals with training achieved in pursuit of a graduate degree in chemistry or biochemistry have opportunities in five general areas: industry (research and development, quality control), academia (high school and higher education), government (research, policy), nonprofit (policy, public education) and entrepreneurship (consulting, startups). In addition to specialized technical skills, graduates possess many high-demand skills, like critical thinking, teamwork and collaboration, and time management.

Some career examples include:

- chemical technician
- chemistry lecturer
- environmental science specialist
- government scientist
- high school teacher

- materials scientist
- military scientist
- science consultant