The mission of the Department of Chemistry is to conduct world-class, groundbreaking research in the chemical sciences while offering the highest quality of education to undergraduate students, graduate students, and postdoctoral associates. The department's leadership in research includes the traditional areas of physical, analytical, inorganic, and organic chemistry, and has rapidly evolved to encompass environmental chemistry, chemical biology, biophysical chemistry, soft and hard materials chemistry, and nanotechnology. The Department of Chemistry prides itself on its highly interactive, diverse, and collegial scientific environment. Our emphasis on collaboration connects us to colleagues across campus, around the country, and throughout the world.

The undergraduate chemistry major leads to a bachelor of science or a bachelor of arts degree awarded by the College of Letters & Science. The curriculum provides excellent preparation in chemistry, along with a wide breadth of liberal arts coursework. At the same time, the program provides significant opportunities for students to participate in scientific inquiry, within both laboratory courses and research laboratories. Students from other colleges within the university may pursue the chemistry major as an additional major. When pursuing a chemistry major, the undergraduate student must meet university general education requirements and breadth requirements of their own college, along with the specific requirements for the chemistry major.

The chemistry major provides students with the critical thinking and problem-solving skills necessary to be successful in a wide variety of careers in the chemical industries (e.g., consumer and agricultural products, materials, energy, petroleum, paper, food, etc.), as well as environmental, pharmaceutical, and other health-related sciences. Students are also well-prepared for graduate-level work in chemistry, chemical physics, biochemistry, biophysics, materials chemistry, and other related fields. Students who excel in undergraduate chemistry coursework are often able to obtain funding for their graduate work through teaching or research assistantships and fellowships. Combined with a master's program in secondary education, the major qualifies the student to teach chemistry in secondary schools. Chemistry majors have also been successful in a variety of professional programs where they have studied medicine, pharmacy, dentistry, veterinary medicine, business, or law.

How to Get In

Students may declare the chemistry major after they have completed General Chemistry (CHEM 104, CHEM 109, or CHEM 116). Transfer students may declare in their first semester at UW-Madison, if they have transfer credit for one of these courses. Students should schedule an appointment with the undergraduate chemistry advisor to declare and develop a course plan toward graduation. To better inform their decision, undecided students who are exploring chemistry along with other majors are encouraged to take an additional chemistry course or two beyond General Chemistry before declaring. Any student interested in chemistry is welcome to schedule an appointment (https://www.chem.wisc.edu/content/undergraduate-advising) with the advisor to further explore the major.

Students are advised to declare the major no later than the end of their sophomore year. There are many advantages to declaring the chemistry major early, including access to chemistry advising, access to scholarships only available to chemistry majors, and access to announcements for chemistry majors. Students who have declared the major become a part of our chemistry community, enabling them to better connect with faculty, staff, and other chemistry majors.

Requirements

University General Education Requirements

All undergraduate students at the University of Wisconsin–Madison are required to fulfill a minimum set of common university general education requirements to ensure that every graduate acquires the essential core of an undergraduate education. This core establishes a foundation for living a productive life, being a citizen of the world, appreciating aesthetic values, and engaging in lifelong learning in a continually changing world. Various schools and colleges will have requirements in addition to the requirements listed below. Consult your advisor for assistance, as needed. For additional information, see the university Undergraduate General Education Requirements (http://guide.wisc.edu/undergraduate/#requirementsforundergraduatestudenttext) section of the Guide.

General Education

- Breadth—Humanities/Literature/Arts: 6 credits
- Breadth—Natural Science: 4 to 6 credits, consisting of one 4- or 5-credit course with a laboratory component; or two courses providing a total of 6 credits
- Breadth—Social Studies: 3 credits
- Communication Part A & Part B *
- Ethnic Studies *
- Quantitative Reasoning Part A & Part B *

* The mortarboard symbol appears before the title of any course that fulfills one of the Communication Part A or Part B, Ethnic Studies, or Quantitative Reasoning Part A or Part B requirements.

College of Letters & Science Breadth and Degree Requirements: Bachelor of Arts (B.A.)

Students pursuing a bachelor of arts degree in the College of Letters & Science must complete all of the requirements below. The College of Letters & Science allows this major to be paired with either a bachelor of arts or a bachelor of science curriculum. View a comparison of the degree requirements here. (https://pubs.wisc.edu/home/archives/ug15/images/babs2009.pdf)

Bachelor of Arts Degree Requirements

Mathematics  Fulfilled with completion of University General Education requirements Quantitative Reasoning a (QR A) and Quantitative Reasoning b (QR B) coursework. Please note that some majors may require students to complete additional math coursework beyond the B.A. mathematics requirement.
Foreign Language • Complete the fourth unit of a foreign language; OR
• Complete the third unit of a foreign language and the second unit of an additional foreign language

Note: A unit is one year of high school work or one semester/term of college work.

L&S Breadth • Humanities, 12 credits: 6 of the 12 credits must be in literature
• Social Sciences, 12 credits
• Natural Sciences, 12 credits: must include one 3+ credit course in the biological sciences; must include one 3+ credit course in the physical sciences

Liberal Arts and Science Coursework

Total Credits 108 credits

Depth of Intermediate/Advanced work

Major Declare and complete at least one (1) major

Total Credits 120 credits

UW-Madison Experience 30 credits in residence, overall

Minimum 30 credits in residence after the 90th credit

GPAs 2.000 in all coursework at UW-Madison

NON-L&S STUDENTS PURSING AN L&S MAJOR
Non-L&S students who have permission from their school/college to pursue an additional major within L&S only need to fulfill the major requirements and do not need to complete the L&S breadth and degree requirements above. Please note that the following special degree programs are not considered majors so are not available to non-L&S degree-seeking candidates:

• Applied Mathematics, Engineering and Physics (Bachelor of Science–Applied Mathematics, Engineering and Physics)
• Journalism (Bachelor of Arts–Journalism; Bachelor of Science–Journalism)
• Music (Bachelor of Music)
• Social Work (Bachelor of Social Work)

REQUIREMENTS FOR THE MAJOR

MATH & PHYSICS

PHYSICS 202 General Physics
PHYSICS 248 A Modern Introduction to Physics

Total Credits 15

CHEMISTRY

Code Title Credits

General Chemistry (1 course) 5
CHEM 104 General Chemistry II
CHEM 109 Advanced General Chemistry
CHEM 115 Chemical Principles I

Analytical Chemistry (1 course) 4
CHEM 327 Fundamentals of Analytical Science
CHEM 329 Fundamentals of Analytical Science
CHEM 116 Chemical Principles II

Inorganic Chemistry (1 course) 4
CHEM 345 Intermediate Organic Chemistry

Organic Chemistry (3 courses) 8
CHEM 343 Introductory Organic Chemistry
CHEM 344 Introductory Organic Chemistry Laboratory
CHEM 345 Intermediate Organic Chemistry

Physical Chemistry 3-4

Part 1 (1 course) 6
CHEM 551 Physical Chemistry
CHEM 555 Biophysical Chemistry
CBE 310 Chemical Process Thermodynamics
M S & E 330 Thermodynamics of Materials

Part 2 (1 course) 4
CHEM 562 Physical Chemistry

Part 3 (2 courses) 7
CHEM 563 Physical Chemistry Laboratory
CHEM 564 Physical Chemistry Laboratory

Advanced Non-laboratory Coursework 5
non-laboratory courses CHEM 500–680, except CHEM 561–567 8

BIOCHEM 500-680 3
M S & E/
CHEM 421 Polymeric Materials
CBE 440 Chemical Engineering Materials
CBE 540 Polymer Science and Technology
CBE 547 Introduction to Colloid and Interface Science

Additional Laboratory Work 3

CHEM 346 Intermediate Organic Chemistry Laboratory
CHEM 524 Chemical Instrumentation
CHEM 681 Senior Honors Thesis
& CHEM 682 and Senior Honors Thesis
CHEM 691 Senior Thesis
& CHEM 692 and Senior Thesis
CHEM 698 Directed Study
BIOCHEM 681 Senior Honors Thesis
& BIOCHEM 682 and Senior Honors Thesis

1 MATH 222 Calculus and Analytic Geometry
2 MATH 276 Topics in Calculus II
3 PHYSICS 207 General Physics
4 PHYSICS 201 General Physics
5 PHYSICS 247 A Modern Introduction to Physics
6 PHYSICS 208 General Physics

First Introductory Course (1 course)

Second Introductory Course (1 course)
BIOCHEM 691 Senior Thesis & BIOCHEM 692 and Senior Thesis
BIOCHEM 699 Special Problems
BMOLCHEM 504 Human Biochemistry Laboratory
CBE 599 Special Problems

Total Credits: 32-34

RESIDENCE AND QUALITY OF WORK IN THE MAJOR

2.000 GPA in all CHEM and major courses
2.000 GPA in at least 15 upper-level credits in the major in residence. Upper-level work includes CHEM 346, CHEM/M S & E 421, CHEM 500-699, BIOCHEM 500-699, BMOLCHEM 504, CBE 310, CBE 440, CBE 540, CBE 547, CBE 599, and M S & E 330.
15 credits in CHEM, taken at UW–Madison

NOTES
1. MATH 234 and MATH 320 are highly recommended.
2. PHYSICS 207/PHYSICS 208 is the preferred sequence for chemistry majors, while PHYSICS 201/PHYSICS 202 is recommended for engineering students. PHYSICS 247/PHYSICS 248 is an honors sequence that may be taken by chemistry majors as well.
3. Enrollment in CHEM 115 and CHEM 116 is by invitation only. Entering first-year students are screened on the basis of high school record and placement scores, and additional information is sent to those who might be eligible.
4. Chemistry majors are strongly encouraged to take CHEM 329 or CHEM 116 instead of CHEM 327.
5. CHEM 343 must be taken first, followed by CHEM 345. CHEM 344 may be taken concurrently with or after CHEM 345.
6. CBE 310 is recommended only for students who are also majoring in chemical and biological engineering. M S & E 330 is recommended only for students also majoring in materials science and engineering.
7. It is recommended that CHEM 563 be taken after Physical Chemistry Part I and that CHEM 564 be taken after CHEM 562. Especially strong students needing to complete physical chemistry in two semesters may take CHEM 563 concurrently with CHEM 561 (or CHEM 565) and CHEM 564 concurrently with CHEM 562.
8. One credit from each of CHEM 116, CHEM 565, and BMOLCHEM 504 count toward the 5 credits. Only 2 of the 3 credits from CHEM 524 count. The other credit from CHEM 524 and the other 2 credits from BMOLCHEM 504 count toward the additional laboratory work requirement.
9. Only 1 of the 3 credits from CHEM 524 counts for additional laboratory work requirement. The other 2 credits count toward the advanced non-laboratory coursework.
10. BMOLCHEM 504 is not recommended for students who are also majoring in Biochemistry, because it overlaps significantly with required biochemistry course work. Only 2 of the 3 credits count towards the additional laboratory work. The remaining 1 credit counts toward advanced non-laboratory coursework.

HONORS IN THE MAJOR

Students may declare Honors in the Chemistry Major in consultation with the chemistry major advisor (https://www.chem.wisc.edu/content/undergraduate-advising). To be admitted to the Honors Program in Chemistry, students must have declared a major in chemistry and achieved a 3.200 overall GPA. They must also have achieved a 3.200 GPA in all CHEM courses taken and courses accepted for the major.

HONORS IN THE CHEMISTRY MAJOR REQUIREMENTS

To earn Honors in the Major in Chemistry, students must satisfy both the requirements for the major (above) and the following additional requirements:

- Earn a 3.300 overall university GPA
- Earn a 3.300 GPA for all CHEM courses and all courses accepted for the major
- Complete at least 3 credits of advanced work beyond those already required for the major. This requirement may be met in one of three ways:
  - Additional 500-level or higher non-laboratory CHEM or BIOCHEM courses;
  - Additional CHEM 699 Directed Study, BIOCHEM 699 Special Problems, or CBE 599 Special Problems credits that are not already being used to satisfy the 3 additional laboratory credits required for the major;
  - Additional breadth courses in other related disciplines

Examples of breadth courses include engineering, physics, molecular biology, computer science, water chemistry, and business. Advanced-level courses should be chosen in consultation with the student’s research mentor.

UNIVERSITY DEGREE REQUIREMENTS

Total Degree:
To receive a bachelor’s degree from UW–Madison, students must earn a minimum of 120 degree credits. The requirements for some programs may exceed 120 degree credits. Students should consult with their college or department advisor for information on specific credit requirements.

Residency:
Degree candidates are required to earn a minimum of 30 credits in residence at UW–Madison. “In residence” means on the UW–Madison campus with an undergraduate degree classification. “In residence” credit also includes UW–Madison courses offered in distance or online formats and credits earned in UW–Madison Study Abroad/Study Away programs.

Quality of Work:
Undergraduate students must maintain the minimum grade point average specified by the school, college, or academic program to remain in good academic standing. Students whose academic performance drops below these minimum thresholds will be placed on academic probation.

LEARNING OUTCOMES

1. Identify, formulate and solve integrative problems using appropriate information and approaches.
2. Demonstrate an understanding of basic chemical transformations, including the ability to predict chemical reactivity and properties.
3. Recognize the relationship between structure, bonding and the properties of molecules and materials.

4. Model chemical systems and experimental data using relevant quantitative, mathematical and computational methods.

5. Design, conduct and analyze experiments safely and successfully.

6. Locate, evaluate and use information in the chemical literature.

7. Communicate chemical knowledge effectively through written reports, oral presentations and visual aids.

8. Work collaboratively with others, both chemists and those from other disciplines, to solve problems and create new knowledge.

9. Recognize how chemistry relates to contemporary issues in our society.

10. Understand professional and ethical responsibility.

**ADVISING AND CAREERS**

**ADVISING**

The chemistry advisor (http://www.chem.wisc.edu/content/undergraduate-advising) provides advising for chemistry majors and prospective chemistry majors. Appointments with the advisor can be scheduled via the Scheduling Assistant (https://calendar.wisc.edu/scheduling-assistant/public/profiles/OaaAyBiv.html). Drop-in advising is available during the first two weeks of the fall and spring semesters and during busy enrollment periods, typically in April and November.

Chemistry majors interested in getting involved in research should explore the undergraduate research (http://www.chem.wisc.edu/content/get-started) pages on the chemistry website. Students needing additional information may contact the undergraduate research director by email (chem_ugr_research@chem.wisc.edu).

Students with enrollment and course access questions should first visit our enrollment inquiries (http://www.chem.wisc.edu/content/enrollment-inquiries) web page. If further assistance is needed, students may visit the Undergraduate Chemistry Office (room 1328 Chemistry) during normal business hours, email (undergrad@chem.wisc.edu), or call 608-263-2424.

**CAREER SERVICES**

The chemistry major prepares graduates for a wide variety of careers in the chemical and related industries (e.g., consumer and agricultural products, materials, energy, petroleum, paper, and food), as well as environmental, pharmaceutical, and other health-related sciences. Combined with a master’s program in secondary education, the major qualifies the student to teach chemistry in secondary schools. The major prepares students for graduate-level work in chemistry, chemical physics, biochemistry, biophysics, materials chemistry, and other related fields. Students who excel in undergraduate chemistry coursework are able to obtain funding for graduate studies in chemistry and related sciences through teaching or research assistantships and fellowships. Some chemistry major graduates go on to professional schools to study medicine, pharmacy, dentistry, veterinary medicine, business, or law.

Students are encouraged to begin their career planning early and to take advantage of the numerous resources offered by SuccessWorks at the College of Letters & Science. Information about careers, internships, resumes, cover letters, job search strategies, interviewing, and graduate school preparation are all available through SuccessWorks. Students can also register for BuckyNet (https://careers.ls.wisc.edu/httpswww.uwalumni-comservicesalumni-directorygetting-started), an online resource for students to make connections with potential employers. Current career, research, and internship opportunities of specific interest to chemistry students can be found on the Career Services (http://www.chem.wisc.edu/content/career-services) pages of the chemistry website.

**L&S CAREER RESOURCES**

SuccessWorks at the College of Letters & Science helps students leverage the academic skills learned in their major, certificates, and liberal arts degree; explore and try out different career paths; participate in internships; prepare for the job search and/or graduate school applications; and network with professionals in the field (alumni and employers).

SuccessWorks can also assist students in career advising, résumé and cover letter writing, networking opportunities, and interview skills, as well as course offerings for undergraduates to begin their career exploration early in their undergraduate career.

- SuccessWorks (https://careers.ls.wisc.edu)
- Set up a career advising appointment (https://careers.ls.wisc.edu/make-an-appointment)
- INTER-LS 210 L&S Career Development: Taking Initiative (1 credit, targeted to first- and second-year students)—for more information, see Inter-LS 210: Career Development, Taking Initiative (https://careers.ls.wisc.edu/inter-ls-210-career-development-taking-initiative)
- Learn how we’re transforming career preparation: L&S Career Initiative (http://ls.wisc.edu/lsci)

**PEOPLE**

**PROFESSORS**

Berry, John
Blackwell, Helen
Brunold, Thomas
Burke, Steven
Burstyn, Thomas
Ediger, Mark
Gellman, Samuel
Hamers, Robert
Hermans, Ivo
Jin, Song
Landis, Clark
McMahon, Robert
Moore, John
Nathanson, Gilbert
Record, Thomas
Schwartz, David
Shakhashiri, Bassam
Silbert, Edvin (associate chair)
Smith, Lloyd
Stahl, Shannon
Weisshaar, James
Woods, Claude
Wright, John
Yethiraj, Arun
Yoon, Tehshik
Zanni, Martin

ASSOCIATE PROFESSORS
Bertram, Timothy
Fredrickson, Daniel
Schmidt, Jordan
Schomaker, Jennifer
Weix, Daniel

ASSISTANT PROFESSORS
Buller, Andrew
Garand, Etienne
Goldsmith, Randall
Wickens, Zachary

AFFILIATED PROFESSORS
Abbott, Nicholas (Professor of Chemical and Biological Engineering)
Forest, Katrina (Professor of Bacteriology)
Ge, Ying (Associate Professor of Cell and Regenerative Biology)
Gilbert, Pupa (Professor of Physics)
Golden, Jennifer (Associate Professor of Pharmacy)
Gong, Sarah (Professor of Biomedical Engineering)
Gopalan, Padma (Professor of Materials Science and Engineering)
Jackson, Catherine (Assistant Professor of History of Science)
Kuech, Thomas (Professor of Chemical and Biological Engineering)
Li, Lingjun (Professor of Pharmacy)
Lynn, David (Professor of Chemical and Biological Engineering)
Mecozzi, Sandro (Associate Professor of Pharmacy)
Middlecamp, Catherine (Professor, Nelson Institute for Environmental Studies)
Pedersen, Joel (Professor of Soil Science)
Tang, Weiping (Professor of Pharmacy)
Weibel, Douglas (Professor of Biochemistry)
Yu, Lian (Professor of Pharmacy)

INSTRUCTIONAL STAFF
Bain, Rachel (Instructional Technology Specialist)
Block, Stephen (Lecturer and General Chemistry Assistant Laboratory Director)
Bowman, Matthew (Lecturer)
Doolittle, Pamela (Analytical Chemistry Laboratory Director)
Esselman, Brian (Lecturer and Organic Chemistry Assistant Laboratory Director)
Hill, Nicholas (Organic Chemistry Laboratory Director)
Hooker, Paul (Senior Lecturer)
Lamont, Liana ( Faculty Assistant)
Maynard, James (Lecture Demonstrator)
McClain, Robert (Analytical Chemistry Laboratory Director)
Stoll, Lindy (Faculty Assistant)
Tatarsky, Amy (Faculty Assistant)
Wendt, Mark (Physical Chemistry Laboratory Director)
Wilkinson, Chad (General Chemistry Laboratory Director)
Zelewski, Linda (Senior Lecturer)
Zhou, Jia (Associate Lecturer)

CHEMISTRY LEARNING CENTER
Dang, Allice (Assistant Faculty Associate)

RESEARCH
There are many research opportunities for undergraduates in the Department of Chemistry. When conducting research, students will have the opportunity to work alongside world-class faculty, staff, and graduate students to gain hands-on research experiences that will supplement their liberal arts education and prepare students for future careers. We have researchers involved in all the core areas of chemistry: analytical, chemical biology, chemical education, inorganic, materials, organic, physical, and theoretical. Many of our researchers conduct research across disciplines, including medicine, pharmacy, biology, engineering, energy, environmental sciences, and physics. Although preference is given to chemistry majors in good academic standing, any student interested in conducting chemistry research can seek out opportunities in our department. Students have the option of volunteering in a research lab or conducting research for course credit by enrolling in CHEM 299 Directed Study, CHEM 699 Directed Study, CHEM 681/ CHEM 682 Senior Honors Thesis, or CHEM 691/ CHEM 692 Senior Thesis. Students can also gain research experiences through the elective courses CHEM 260 Entering Research I, CHEM 261 Entering Research II, and CHEM 346 Intermediate Organic Chemistry Laboratory, as well as the required course CHEM 329 Fundamentals of Analytical Science. In some cases, experienced undergraduates may be paid to conduct research. For additional information about undergraduate research, including how to get involved, please visit the department's Undergraduate Research (https://www.chem.wisc.edu/content/research-overview) page.

STUDENT ORGANIZATIONS
A number of student organizations are available for students interested in the chemical sciences.

- The American Chemical Society (ACS) Student Chapter (https://win.wisc.edu/organization/acs) facilitates opportunities for students in the chemical sciences to promote the learning and advancement of chemistry. The chapter supports students in their academic development, professional development, and research pursuits.
- Alpha Chi Sigma (AXE) (https://alphachisigmuw.wordpress.com) is a national, co-ed, professional chemistry organization that was founded at UW–Madison in 1902. The UW-Madison chapter has an active membership of about 40 students, both graduate and undergraduate. The organization also has two houses, at 619 and 621 North Lake Street, which house nearly half of the members. The houses are the primary locations for events like tutoring, chapter dinners, meetings, and social events.
• Students Participating in Chemical Education (SPICE) (http://ice.chem.wisc.edu/SPICE.html) trains undergraduates to perform chemistry demonstrations in order to interest elementary and middle school students in chemistry and science via cool experiments, hands-on activities, and exploration stations at public venues.

• The UW–Madison student chapter of NOBCChE (https://win.wisc.edu/organization/NOBCChe) (National Organization for the Professional Advancement of Black Chemists and Chemical Engineers) seeks to encourage students of color to pursue graduate and professional degrees in chemistry, chemical engineering, and other chemistry-related fields. Members participate in professional development through national conference presentations, networking, and community service activities.

• SACNAS (http://uwmadisonsacnas.weebly.com) (the Society for the Advancement of Hispanics/Chicanos and Native Americans) is a society of scientists dedicated to fostering the success of Hispanic/Chicano and Native American scientists—from college students to professionals—to attain advanced degrees, careers, and positions of leadership in science.

ACS CERTIFIED DEGREE

The UW–Madison Department of Chemistry is approved by the American Chemical Society (ACS) to certify the degrees of graduating students who have completed the curriculum and professional training recommended by ACS for chemistry bachelor's degree graduates. Certification indicates that the student has completed rigorous course work that provides them with the skills needed for a successful career in science.

Students graduating with the chemistry major from UW–Madison already meet most of the requirements for ACS certification. They can obtain the certification by electing to take specific courses that satisfy both the requirements of the major and the ACS guidelines. Additional requirements for certification are:

• A course in biochemistry, satisfied by BIOCHEM 501 Introduction to Biochemistry or BIOCHEM 507 General Biochemistry I (3 credits)

• At least 400 total laboratory hours, which can be satisfied by the combination of all the required core laboratory courses (in organic, inorganic, analytical and physical chemistry) plus two to three laboratory credits from any combination of CHEM 346 Intermediate Organic Chemistry Laboratory, CHEM 524 Chemical Instrumentation (3 credit course, but only one credit is a lab credit), CHEM 681/CHM 682 Senior Honors Thesis, CHEM 691/CHM 692 Senior Thesis or BMOLCHEM 504 Human Biochemistry Laboratory. The exact number of lab credits required from these courses depends on how the student has satisfied the core lab requirements. Please consult the Chemistry Major Advisor (https://www.chem.wisc.edu/content/undergraduate-advising) for more details.

However, CHEM 699 can be used to satisfy additional lab credits needed for the chemistry major.

RESOURCES AND SCHOLARSHIPS

ACADEMIC RESOURCES

A number of resources are available to students seeking assistance with their chemistry courses. Students are strongly encouraged to attend the office hours of the instructors for the course.

Further assistance may be sought from various tutoring services on campus, including the Greater University Tutoring Services (GUTS) (http://www.guts.wisc.edu), University Housing Tutoring (http://www.housing.wisc.edu/residencehalls-academics-tutoring.htm), and the College of Engineering Undergraduate Learning Center (ULC) (https://www.engr.wisc.edu/academics/student-services/ulc). Alpha Chi Sigma (AXE) (https://win.wisc.edu/organization/axsigma) is a co-ed professional chemistry fraternity that also offers tutoring. For students seeking more individualized tutoring, the Department of Chemistry maintains a list of private tutors (https://www.chem.wisc.edu/content/tutors) available for hire.

SCHOLARSHIPS

Through the generosity of alumni and other friends of the department, the Department of Chemistry is able to offer scholarships and summer research support. In 2017, the department awarded 36 undergraduate scholarships that totaled more than $150,000.

Any student who is a chemistry major or is conducting research with a chemistry faculty member is eligible to apply for the scholarships. An overall GPA of at least 3.000 is required for application; awards are based on both merit and financial need. Students may apply for academic year scholarships and/or summer research support. Learn more about chemistry scholarships (https://www.chem.wisc.edu/content/chemistry-scholarships) and how to apply.