

## Contact Us

[Chemistry Department Undergraduate Page](#)

General Inquiries – [chemistry@brown.edu](mailto:chemistry@brown.edu)

Department Chair – [chemistry\\_chairman@brown.edu](mailto:chemistry_chairman@brown.edu)

Director of Undergraduate Studies – [Prof. Amit Basu](#)

*Interested in the Chemistry Concentration?*

Contact [Prof. Amit Basu](#) or [Prof. Eunsuk Kim](#)

*Interested in the Chemical Physics Concentration?*

Contact [Prof. Richard Strat](#)

*Interested in the Biochemistry Concentration?*

[chemistry@brown.edu](mailto:chemistry@brown.edu)

All declared concentrators are added to our chemistry department listserv.

Students may email [chemistry@brown.edu](mailto:chemistry@brown.edu) to be added to the listserv.



**Department of Chemistry**  
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## Undergraduate Chemistry@Brown A Quick Start Guide



Chemistry



Biochemistry



Chemical Physics



# Overview

Welcome to the Chemistry Department at Brown University! Whether you are just starting your coursework in chemistry, contemplating a concentration in Chemistry, or a confirmed concentrator, this handout provides an overview of key information (and many links to more information) that may be useful to you.

**Introductory Courses and Advanced Placement** The department offers two introductory courses, Chem 0100 (Introductory Chemistry) and Chem 0330 (Equilibrium, Rate, and Structure). More information about appropriate course placement, including placement exams, and advanced standing can be found [here](#). Information about transferring credits can be found [here](#).

**Concentrations and Degrees Offered** The department offers both the **AB** and **ScB** degrees in **Chemistry**. Additionally, students pursuing the ScB in Chemistry can opt for the *Chemical Biology* or *Materials Chemistry* tracks. The department also jointly administers the **Biochemistry** and **Chemical Physics** Concentrations (both **ScB** only) in conjunction with the MCB and Physics Departments respectively. You should meet with a concentration advisor to discuss which concentration, degree, or track is the best option for your interests and goals. Each concentration provides an opportunity for students with strong academic records to graduate with **Honors** by carrying out research in collaboration with a faculty member and submitting a Senior Thesis.

A list of concentration requirements, advisors, and Honors requirements for each concentration can be found on [Focal Point](#) and the [University Bulletin](#) at the links below:

[Chemistry](#) • [Biochemistry](#) • [Chemical Physics](#)

**Research / Independent Study** Conducting research is a critical component of the scientific enterprise, and while this is a requirement for the ScB degrees, all students are encouraged and welcome to get involved with research in the department. The University has a program of Undergraduate Teaching and Research Assistantships ([UTRA](#)) that financially support research students during the summer (and occasionally during the semesters), and many faculty also have funding from grants to support undergraduate researchers. A detailed list of research areas is found on the [Research Opportunities in the Chemistry Department webpage](#). Please contact a Concentration Advisor if you would like to discuss how to connect with research opportunities on campus. The most direct way to get involved with research is to [contact the faculty member directly](#).

You are encouraged to attend the department's undergraduate poster session and Senior thesis presentations (both held in the Spring) to learn more about on-going research in the department. A list of off-campus summer research and internship opportunities can be found [here](#).

**Employment** The department offers several options for student employment as teaching assistants for numerous courses, stockroom assistants, and various additional opportunities. More information about these [employment opportunities](#) can be found by logging into [Workday](#). Once you are logged in, type "Find Student Jobs" in the search bar. This will lead you to all available student employment opportunities. You can further refine your search by typing "Chemistry" in the search bar above the job listings.

**ChemDUG** The Chemistry Departmental Undergraduate Group (Chem DUG) encourages all Chemistry, Chemical Physics and Biochemistry concentrators (and prospective concentrators) to get together on a regular basis, sometimes over an informal dinner. The meetings serve as a source of information about topics such as summer research opportunities (at Brown and elsewhere), the best ways to apply to graduate schools and the pros and cons of MD/PhD programs. Roughly once a year, the DUG invites an outside speaker to Brown for the purpose of giving a general interest seminar. The DUG also arranges research presentations from faculty at Brown and other institutions and other fun activities like making liquid nitrogen ice cream. In addition, the DUG selects several alumni to return to campus each spring for a Brown Degree Day event.

More information about the Chem DUG can be found [here](#).

**DIAC** The [Chemistry Department Diversity & Inclusion Action Committee \(DIAC\)](#) is composed of engaged faculty, graduate students, and undergraduates, addressing issues of inclusion, diversity, and community. The DIAC meets monthly, and all are welcome to attend our meetings.

**Beyond Brown** The Focal Point website contains an "Alumni Pathways section" (located at the bottom right of each page) which provides examples of the various careers that alums have pursued from each concentration, as well as their first job after graduation.

[Chemistry](#) • [Biochemistry](#) • [Chemical Physics](#)