

Emory University  
Department of Chemistry

**BS/MS Degree Program**

The BS/MS Degree Program combines undergraduate with graduate coursework and research in Chemistry. The program is aimed at highly motivated students who wish to pursue the subject in significantly greater depth than is expected of the typical undergraduate during their time at Emory College.

**Course requirements:** The course requirements of the BS/MS degree are the following, in addition to the completion of all requirements for the BS.

3 Graduate Level (500+) Chemistry 3- or 4-Unit Lecture Courses

(one of these may also be applied towards elective credit for the BS degree)

2 Semesters of Graduate Seminar

CHEM 791R, or 792R, or 793R, or 794R

Introduction to Library Course

CHEM 597R

**Research and thesis requirement:** The research requirement of the BS/MS degree is that the student must write and defend a Masters-level thesis based on research pursued under the supervision of a faculty research mentor in the chemistry department. A typical M.S. research project spans multiple years, starting in the Junior year or earlier. The requirements and standards for the M.S. thesis will be the same as for any M.S. thesis in Chemistry awarded by the Laney Graduate School; among other requirements, the research mentor must be a member of the graduate faculty in chemistry, and the written and oral components of the thesis must be approved by two additional readers from the graduate faculty in chemistry.

Note: The student's research activities that are incorporated into the M.S. thesis may be performed for credit (including, as part of a course that is applied to the requirements of the BS degree), for a salary or stipend (for instance, through the SURE program) or on another basis.

**Timeline:** The expectation for the BS/MS program is that all requirements for both degrees be completed within 4 years. In the event that a student is unable to complete all of the MS degree requirements at the same time that he/she completes the BS degree, the student may enroll the semester following and pay a reduced graduate fee. Requirements for the master's degree must be complete within one year of the Bachelor's degree award. A student who is unable to do so will no longer be allowed to continue under the terms of the dual degree program.

**Application procedure:** Applications to this joint degree program, due by the end of the Fall semester of the Junior year, require a letter of application from the student, a letter of support from the student's research mentor, a specific plan to complete the graduate course requirements (created in consultation with the research mentor), and submission of GRE General Test scores, and a copy of the student's unofficial transcript. Interested

students should contact Dr. Huw Davies & Ann Dasher for further information and advice about the program and the application process.

**On the combination of College Honors and BS/MS programs:** As far as permitted by the terms of the Emory College Honors program, it is permissible for 500-level coursework used to fulfill the requirements for Honors to be applied to the requirements for the BS/MS degree. It is also permissible (as far as permitted by the policies established by Emory College or by the Department of Chemistry for the Honors program) that any research performed, and any part or whole of a thesis document written to fulfill the requirements for Honors, may also be applied to the research requirements of the M.S. thesis, as long as all requirements for the M.S. thesis are met.