

Suggested Course Sequence for Chemistry (BS) and Chemistry (MS) Fast Track Program

First Year: Fall	Hours	Spring	Hours
Chem 1341/1181 - General Chemistry I	4	Chem 1342/1182 - General Chemistry II	4
Math 1426 - Calculus I	4	Math 2425 - Calculus II	4
Engl 1301 - Critical Thinking, Reading, and Writing I	3	Engl 1302 - Critical Thinking, Reading, and Writing II	3
Pols 2311 - Government of the United States	3	Pols 2312 - State and Local Government	3
Semester Hour Total:	14		14

Second Year: Fall	Hours	Spring	Hours
Chem 2321 - Organic Chemistry I	3	*Chem 2322 - Organic Chemistry II	3
*Chem 2335 - Quantitative Chemistry	3	Chem 2144 - Synthesis and Analysis Lab II	1
Chem 2343 Synthesis and Analysis Lab I	3	Math 2326 - Calculus III	3
Phys 1443 - General Technical Physics I	4	Phys 1444 - General Technical Physics II	4
Semester Hour Total:	13	Language, Philosophy, and Culture Course	3
			14

Third Year: Fall	Hours	Spring	Hours
Math 3319 - Differential Equations and Linear Algebra	3	Phys 3313 - Modern Physics	3
*Chem 3321 - Physical Chemistry I	3	Chem 3322 - Physical Chemistry II	3
Chem 3181 - Physical Chemistry I lab	1	Chem 3182 - Physical Chemistry II lab	1
Hist 1311 - History of the United States I	3	Hist 1312 - History of the United States II	3
Biol 1441- Cellular and Molecular Biology	4	*Chem 4318- Inorganic II	3
Semester Hour Total:	14		13

Undergraduate students have the option of taking up to three of the following graduate courses in place of undergraduate coursework: Chem 5341 (Inorganic)- Fall, Chem 5331 (Advanced Biochemistry)- Fall, Chem 5361 Graduate Physical Chem- varies, Chem 5392 (Research), or Chem 5421 (Instrumental Analysis) - Fall

Fourth Year: Fall	Hours	Spring	Hours
Chem 3317 - Inorganic I (or 5341)	3	Chem 4311 - Biochemistry I (or 5331)	3
Chem 4101 - Seminar in Chemistry	1	Chem 4346 - Advanced Synthetic	3
Chem 4461 - Instrumental Analysis (or 5421)	4	Chem 4380 - Research (or 5392)	3
Creative Arts	3	Social and Behavioral Science	3
Biol 1442 - Evolution and Ecology	4		
Semester Hour Total:	15		12

Please note: only 9-10 graduate credits can be applied to the bachelor's degree portion of the fast track program. 120 credit hours, and 36 advanced credit hours are needed to complete this degree

Graduate coursework must be discussed with the chemistry graduate advisor

Undergraduate Advisor:

Lauren Jones
Science Hall 303
Email: LJones@uta.edu

Graduate Advisor:

Dr. Frank Foss
Chemistry Research Building 202
ffoss@uta.edu

Email is preferred.

Classes marked with an * are foundational courses, please see the reverse side of this page for more information

Please note that opting not to take 9-10 graduate credits may delay graduation for your MS degree

Admission to the Program

Foundational Courses:

Students must take four specific undergraduate chemistry courses in order to be admitted into the fast track program. These fast track foundation courses are those that the chem faculty believes are necessary to have predictive value regarding success in advanced coursework prior to applying to the graduate program.

Chem 2322
Chem 2335
Chem 3321
Chem 4318

Once admitted students may take up to 9 credit hours of Chem graduate coursework (10 credits if Chem 5461 is taken) that may be used to satisfy both undergraduate and graduate requirements for the BS in Chemistry and MS in Chemistry degrees. (A "B" or above is required for graduate courses)
Students must have a cumulative GPA for the foundational courses of a 3.25

Requirements:

Unconditional Admission:

- 1) Student must be within 30 hours of completing a BS in Chemistry at UTA
- 2) The student must be within 15 hours of Chem specific coursework from completing a BS in Chemistry at UTA
- 3) The student must have completed 30 hours of coursework at UTA
- 4) The student must have an overall GPA of 3.3 in all coursework at all schools and an overall GPA of at least 3.3 in all coursework completed at UTA
- 5) The student must have a GPA of at least 3.3 in all Chem courses completed at UTA
- 6) The student must have completed 12 hours of specific undergraduate chem courses at UTA with a GPA of at least 3.25 in foundational coursework. Of the foundational coursework, only Chem 2322 can be transferred.

Provisional Admission:

A student may gain provisional admission if, by the semester in which the application is made, he or she has already completed 3 out of the 4 required Chem foundational courses with a GPA of at least 3.33 in them, with the 4th course to be completed in the semester of application. Provisional students will be changed to unconditional admission upon satisfactory completion of remaining requirements. Students failing to meet all requirements at the end of their semester of application will be removed from the fast track program. None of the benefits of the fast track program will apply. Provisionally admitted students who have been removed from the program may subsequently apply to graduate programs via the normal application process, paying all fees and meeting all relevant admission criteria. Admission will not be automatic as it will be subject of the normal admission practices of the Department of Chemistry & Biochemistry and the Office of Graduate Studies.

Application to the Fast Track Program:

Undergraduate students apply to the Department of Chemistry & Biochemistry by completing a fast track application form available from the Chem academic advisor. Students will be notified by the department of their acceptance into the fast track program. Students who are completing their undergraduate degree requirements may request to continue their studies toward their master's degree if they are in good standing in the fast track program. After census date of the final undergraduate semester, the Department of Chemistry & Biochemistry will forward the fast track application form to graduate admissions, which uses the form as an application into graduate school.