



UT Arlington Chemistry and Biochemistry Department
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www.uta.edu/chemistry

Major Information

Please see the UT Arlington departmental advisor for questions about majoring in this area. Your advisor will make sure your coursework stays on track to graduate and may suggest alternate coursework or concurrent enrollment options. This plan is meant to guide your course selection in conjunction with regular departmental advising sessions at UT Arlington and Tarrant County College. If you are interested in earning an Associates degree please work with your TCC advisor to complete any additional coursework.

	TCC Course Title	TCC Course Number	UTA Course Number
1st Semester	English Composition I	ENGL 1301	ENGL 1301
	Precalculus	MATH 2412	MATH 1323
	General Chemistry I	CHEM 1411	CHEM 1441
	General Geology I or Cell and Molecular Biology I	GEOG 1403 or BIOL 1406	GEOG 1425 or BIOL 1441
	United States History to 1876	HIST 1301	HIST 1311
2nd Semester	English Composition II	ENGL 1302	ENGL 1302
	United States History from 1876	HIST 1302	HIST 1312
	Calculus with Analytical Geometry I	MATH 2513	MATH 1426
	General Chemistry II	CHEM 1412	CHEM 1442
	General Geology II or Cell and Molecular Biology II	GEOG 1404 or BIOL 1407	GEOG 1426 or BIOL 1442
3rd Semester	Fine Arts Elective	ART 1301, DANC 2302, DRAM 1310, or MUSI 1306	ART 1301, DNCE 1300, THEA 1343, MUSI 1300
	Organic Chemistry I	CHEM 2423	CHEM 2321 and CHEM 2181
	Calculus with Analytical Geometry II	MATH 2414	MATH 2425
	Literature Elective	ENGL 2322, ENGL 2327, or ENGL 2332	ENGL 2319, ENGL 2329, or ENGL 2309
	Engineering Physics I	PHYS 2425	PHYS 1443
4th Semester	Fundamentals of Speech Communication	SPCH 1311	COMM 1301
	Organic Chemistry II	CHEM 2425	CHEM 2322 and CHEM 2182
	Microcomputer Applications or C Programming	COSC 1401 or COSC 1420	CSE 1301 or CSE 1310
	Engineering Physics II	PHYS 2426	PHYS 1444
	Liberal Arts Elective		See UTA advisor listed above
	Concepts of Physical Activity	PHED 1164	Elective

Notes

1. This degree plan assumes that a student is "precalculus ready," that is, the student is ready for Precalculus based on placement testing at TCC or at UT Arlington. If the student is not precalculus ready, please consult a UT Arlington Academic advisor before registering for courses at TCC.

2. This degree track at TCC is based on completion of the AS Degree at TCC, which requires the following additional TCC coursework: GOVT-2305 and GOVT-2306 and ANTH-2346 or ECON-2301 or ECON-2302 or GEOG-1301 or GEOG-1302 or GEOG-1303 or PSYC-2301 or SOCI-1301.