

- The College of Arts and Sciences encourages students to explore teaching at the secondary level as a career option. Students seeking secondary teacher certification should contact the Teach North Texas Program in the College of Arts and Sciences.
- The College of Arts and Sciences expects students to have completed the Texas State recommended high school program and be ready to enroll in Language 2040 (TCCNS: Language 2311) and a college level mathematics course. If you are not prepared for this level, the necessary prerequisites will either replace electives or increase the hours required for this degree.

### Courses Recommended for Transfer

The UNT Core requirements, with the exception of U.S. History and Political Science, and the College & Major requirements are shown with Texas Common Course Numbering System values only when UNT offers equivalent courses. There may be other courses in transfer that apply toward the specific degree requirement, but those listed are known to apply.

#### UNT Core: English Composition & Rhetoric

This requirement will be met by fulfilling the B.S. Biology English Composition & Rhetoric requirement (see next column).

#### UNT Core: Social & Behavioral Sciences

One course chosen from: ANTH 2346 or 2351; COMM 1307; CRIJ 1301; ECON 2301 or 2302; HUMA 2323; PSYC 2301; SOCI 1301; SPCH 1318; TECA 1354

#### UNT Core: Mathematics

This requirement will be met by fulfilling the B.S. Biology major mathematics requirement (see page two).

#### UNT Core: Discovery

One course chosen from: ARTS 1301; BIOL/HECO 1322; GEOG 1303; HIST 2321 or 2322; MATH 2305 or 2405; PHIL 1301, 2303, or 2306; SPCH 1311 or 1315; TECA 1303

#### UNT Core: Natural Science

This requirement will be met by fulfilling the B.S. Biology major requirements (see page two).

#### UNT Core: Capstone

The Capstone Core requirement is unique to UNT and will be fulfilled by an advanced course at UNT.

#### UNT Core: U.S. History

Two courses chosen from: HIST 1301, 1302, 2301

#### College of Arts & Sciences Core: Foreign Language (Option 1)

Any foreign language 2311 and 2312.

#### UNT Core: Political Science

As of Fall 2013, only the following courses are offered at the two-year level:

- GOVT 2305 and 2306

Other acceptable combinations are:

- GOVT 2301 and 2302
- GOVT 2301 and 2305
- GOVT 2301 and 2306
- GOVT 2302 and 2306

Courses must be taken in the same language.

NOTE: Prerequisites for foreign language 2311 and 2312 courses are 1311 and 1312 or 1411 and 1412 or 1511 and 1512.

Placement exams may be available; see your community college academic advisor for details.

#### UNT Core: Visual & Performing Arts

One course chosen from: ARTS 1301, 1303, or 1304; DRAM 1310; MUSI 1306 or 1307; SPCH 2341

#### Biology: Foreign Language (Option 2)

Complete two courses from approved options at UNT. A student who wishes to fulfill the foreign language requirement by this option must first be counseled by an undergraduate advisor of the Department of Biological Sciences at UNT and must obtain written approval of Option II for B.S. Biology major for inclusion in the student's degree plan.

#### UNT Core: Humanities

One course chosen from: ENGL 2322, 2323, 2327, 2328, 2332, or 2333; PHIL 1304 or 2316

#### B.S. Biology: English Composition & Rhetoric

ENGL 1301 and 2311

A grade of 'C' or better is required on courses applied toward this requirement.

*ENGL 2311 is required for Biology majors however, students who have completed ENGL 1302 prior to attending UNT may substitute this course for ENGL 2311*

# College of Arts & Sciences

## B.S. Biology

### 2013-2014 Texas Common Course Numbering System Transfer Guide



#### B.S. Biology: Major Requirements

Only TCCNS options are shown:

- BIOL 1406\* or 1106/1306
- BIOL 1407\* or 1107/1307
- BIOL 2421 or 2321/2121

A grade of 'C' or better is required on courses applied toward this requirement.

BIOL 1406 and 1407 fulfill both Natural Science core and major requirements.

*Courses listed above are TCCNS options and do not include all courses required for the UNT Biology major.*

\*BIOL 1411 and 1413, if both completed prior to attending UNT, may substitute for BIOL 1406 and 1407.

#### B.S. Biology: Minor in Chemistry (Required)

Minor of 20 hours in Chemistry is required.

TCCNS Options:

- CHEM 1411 or 1111/1311
- CHEM 1412 or 1112/1312
- CHEM 2423 or 2123/2323 (approved substitution)
- CHEM 2425 or 2125/2325 (approved substitution)

A grade of 'C' or better is required on courses applied toward this requirement.

CHEM 1411 and 1412 fulfill both Natural Science core and program requirements.

#### B.S. Biology: Other Course Requirements

Only TCCNS options are shown:

- ENGL 2311 (fulfills both a portion of the English Composition & Rhetoric core requirement and program requirements)
- PHYS 1401 or 1101/1301
- PHYS 1402 or 1102/1302
- MATH 2312, or 2412 (fulfills both Mathematics core and program requirements)
- MATH 2313 or 2413 or 2513
- A minimum 2.5 grade point average must be maintained on all advanced courses in the division of sciences.
- A minimum 2.5 grade point average is required for graduation. Students in the department whose UNT or overall grade point average drop below 2.5 for two consecutive semesters will be removed from the program.
- Only two attempts will be allowed for each biology and biochemistry course in this degree.

#### B.S. Biology: Advanced Coursework

No TCCNS options available

#### Teacher Certification Option

The College of Arts and Sciences encourages students to explore teaching at the secondary level as a career option. A higher GPA may be required for the certification option. For more information contact the College of Arts and Sciences Office of Student Advising at 940-565-2051.

#### Special Notes

**Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of degree requirements for the Bachelor of Science degree as specified in the "[General University Requirements](#)" section of the UNT catalog and the College of Arts and Sciences requirements.

**UNT Core Curriculum/Transfer of Core Curriculum:** UNT complies with the [mandates of the 1997 Texas Legislature](#) regarding requirements for state-assisted institutions. Students who successfully complete the common core curriculum (in whole or in part) at a Texas state-assisted institution of higher education are eligible to transfer as "core complete" for those categories in the UNT University Core Curriculum.

Individual academic programs may require courses contained in parts of the University Core Curriculum. Students who wish to take courses that will fulfill both core and major/program requirements simultaneously should check with academic advisors for assistance in selecting core courses.

**Choice of Catalog:** Any student transferring directly from a Texas public community college to UNT shall have the same choice of catalog designating degree requirements as the student would have had if the dates of attendance at the university had been the same as the dates of attendance at the community college.

The College of Arts and Sciences required curriculum and policies are located in the [Undergraduate Catalog 2013-2014](#).

For additional program and contact information see the College of Arts and Sciences Student Advising website: [www.cas.unt.edu/advising](http://www.cas.unt.edu/advising)

# College of Arts & Sciences

## B.S. Biology-Option I

### 2013-2014 Texas Common Course Numbering System Transfer Guide



This four-year plan provides a model for on-time completion of this UNT program using as many TCCNS courses as possible. The four-year plan also shows the first point when no TCCNS options are available for this program. See the current [Undergraduate Catalog](#) for course prerequisites. Course availability at UNT is subject to change, and the plan shown below may change based on updates to UNT's course offerings.

UNT courses noted (#) do not have TCCNS equivalents, but have approved transferable substitutions.

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
FRESHMAN	BIOL 1710/BIOL 1730	BIOL 1406 or 1106/1306 or 1411*	BIOL 1720/BIOL 1740	BIOL 1407 or 1107/1307 or 1413*
	CHEM 1410/CHEM 1430	CHEM 1411 or 1111/1311	CHEM 1420/CHEM 1440	CHEM 1412 or 1112/1312
	ENGL 1310	ENGL 1301	TECM 2700	ENGL 2311
	MATH 1710	MATH 2313 or 2413 or 2513	UNT Core: Discovery	See list of approved courses
	<b>*BIOL 1411 and 1413, if both completed prior to attending UNT, may substitute for BIOL 1406 and 1407.</b>			

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
SOPHOMORE	CHEM 2370/3210#	CHEM 2423 or 2323/2123	CHEM 2380/3220#	CHEM 2425 or 2325/2125
	Foreign Language 2040	Foreign Language 2311	Foreign Language 2050	Foreign Language 2312
	BIOL course (2000 level)	None	UNT Core: Political Science	See list of approved courses
	UNT Core: Political Science	See list of approved courses	UNT Core: Humanities	See list of approved courses
			Biology course (2000 level)	None

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
JUNIOR	UNT Core: U.S. History	See list of approved courses	UNT Core: U. S. History	See list of approved courses
	PHYS 1410/1430	PHYS 1401 or 1101/1301	PHYS 1420/1440	PHYS 1402 or 1102/1302
	BIOL 3510/3520	None	UNT Core: Visual and Performing Arts	See list of approved courses
	BIOL 3451/3452		UNT Core: Social and Behavioral Sciences	See list of approved courses
			Physiology Course with Laboratory	None

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
SENIOR	Biology (advanced, with laboratory)	None	Biology (advanced, with lab)	None
	Biology (advanced)		Biology (advanced)	
	Chemistry (advanced)		UNT Core: Capstone	
	Elective (advanced)		Elective (advanced)	