

2016-2017 UTK Transfer Transition Guide
Major: Biological Sciences - Biochemistry and Cellular and Molecular Biology

This program leads to an Associate of Arts degree from Roane State Community College and a Bachelor of Science with a major in Biology (with a concentration in Biochemistry and Cellular and Molecular Biology) from the University of Tennessee, Knoxville.

RED courses are milestones.

Roane State Community College			
FIRST YEAR			
Fall Semester	Credit hours	Spring Semester	Credit hours
¹ ENGL 1010 - Composition I	3	¹ ENGL 1020 - Composition II	3
² Foreign Language	3	² Foreign Language	3
^{1,3} MATH 1910 - Calculus I	4	^{1,3} MATH 1920 - Calculus II	4
¹ BIOL 1110 - General Biology I	4	¹ BIOL 1120 - General Biology II	4
		SPCH 1010 - Fundamentals of Speech Communication	3
TOTAL	14	TOTAL	17

SECOND YEAR			
Fall Semester	Credit hours	Spring Semester	Credit hours
¹ CHEM 1110 - General Chemistry I	4	¹ CHEM 1120 - General Chemistry II	4
⁴ History Sequence	3	⁴ History Sequence	3
⁵ Humanities/Fine Arts Elective	6	⁶ Humanities/Fine Arts - Literature	3
⁷ Social/Behavioral Sciences	3	⁷ Social/Behavioral Sciences	3
TOTAL	16	TOTAL	13

¹Must make a "C" or better

²Foreign Language: Intermediate (2000-level) sequence in a single foreign language, i.e. French or Spanish.

³Must make a "C" or better in both MATH 1910 and MATH 1920.

⁴History Sequence: Complete HIST 1010-1020 or HIST 1210-1220

⁵Humanities/Fine Arts Elective chosen from **at least two departments**: ARTH 1030, 2010, 2020; ENGL 2110, 2120, 2210, 2220, 2310, 2320; MUS 1030; PHIL 1030; THEA 1030.

⁶Humanities/Fine Arts Literature chosen from ENGL 2110, 2120, 2210, 2220, 2310, 2320

⁷Social/Behavioral Science Elective chosen from ECON 2010, 2020; GEOG 1220; POLS 1025, 1030; PSYC 1030, 2130; SOCI 1010, 1020, 2110

University of Tennessee, Knoxville

THIRD YEAR			
Fall Semester	Credit hours	Spring Semester	Credit hours
Communicating through Writing (WC)	3	⁹ PHYS 221 - Elements of Physics I	4
⁸ Electives (300-400 level)	1-3	⁹ CHEM 360 - Organic Chemistry II	3
⁸ Connections	3	⁹ CHEM 369 - Organic Chemistry Lab	2
⁹ <i>CHEM 350 - Organic Chemistry I</i>	3	⁹ BIOL 220 or 260 or 280	2-4
⁹ <i>BIOL 240 - General Genetics</i>	4	⁹ Biology (major)	4
TOTAL	14-16	TOTAL	15-17

FOURTH YEAR			
Fall Semester	Credit hours	Spring Semester	Credit hours
⁸ Connections	3	⁸ Connections	3
⁹ Biology (major)	8	⁹ Biology (major)	12
⁹ PHYS 222 - Elements of Physics II	4		
Global Challenges (if BIOL 150 not taken at UTK)	0-3		
TOTAL	15-18	TOTAL	15

⁸42 upper division hours required

⁹A grade of C or better is required for all courses in the major, including pre-requisite courses.

RSCC Hours	60
UTK Hours	60
Total	121

Transfer Transition Guides

These guides, unless otherwise stated, provide an eight-semester plan for earning an associate degree at Roane State Community College and a baccalaureate degree at the University of Tennessee, Knoxville. When students enter UT Knoxville, they must meet the standards and follow the procedures outlined in the University's current Undergraduate Catalog.

1. Student transferring to UT Knoxville from two-year institutions must complete 60 semester hours at a senior institution.
2. The final 30 semester hours must be completed in residence at UT Knoxville.

3. Transfer students will have their progress tracked with uTrack – a tool that identifies milestones that are designed to keep students on track for timely graduation. For the 2016-2017 Transfer Transition Guides, milestone courses are indicated in *red*. Transfer students and counselors should review the UT Knoxville catalog (<http://catalog.utk.edu/>) for question concerning milestone completion for specific majors.

4. Students whose native language is *not* English may complete the foreign language requirement found in many transition guides by completing the English Composition requirement and any two-course literature sequence.

5. Grades earned at other colleges and universities are used only for admission, course placement, and other academic decisions at UT Knoxville. Although grades earned at other colleges and universities are not included in the UT Knoxville GPA, many UT Knoxville programs require a grade of "C" or higher in certain courses – including freshman composition.