

TRANSFER AGREEMENT

2023-2024

Roane State Community College

Tennessee Technological University

Use this as a guide to make your way through Roane State Community College and plan your future at Tennessee Technological University.

CONTENTS

Transfer Agreement Policies	i
Admission Standards	i
Application	i
Expenses	i
Scholarship Information	i
Undergraduate Colleges and Departments	ii
Questions Directory	ii
College of Agriculture and Human Ecology	1
College of Arts and Sciences	5
College of Business	18
College of Education	26
College of Engineering	37
College of Interdisciplinary Studies	40
School of Nursing	46
Index	47

Transfer Agreement Policies

1. This publication is a transfer agreement between Roane State Community College and Tennessee Technological University.
2. The current edition of this publication will be in effect for six years from the time a student becomes regularly admitted to Roane State.
3. Students entering Roane State must meet all the standards and follow the procedures of the current Roane State catalog.
4. Students entering Tennessee Technological University must meet the standards and follow the procedures of the current Tennessee Tech undergraduate catalog.
5. This agreement assumes that student will complete an associate degree at Roane State before entering Tennessee Tech. Students not completing an associate degree will have their applications evaluated as any other transfer student.
6. In some cases, individual programs at Tennessee Tech have specific requirements for admissions which supersede all others.

Admissions Standards

Under this agreement, in order to be eligible for admission to Tennessee Tech, you must have an associate degree from Roane State and a minimum 2.0 grade point average. Students not completing an associate degree will have their applications evaluated as any other transfer student. In selected majors, a higher grade point average is required for admission. Check the curricular requirements and prerequisite course requirements for the major of your choice for additional information.

Application

1. Apply online at www.tntech.edu/apply. Application priority deadlines for desired terms: [Fall = Aug. 1, Spring = Dec. 1, Summer = May 1]
2. Pay the \$25 application fee (if you've never paid it before) at the end of the application. If you choose not to pay at this time, you can log back into the online portal to pay later.
3. Request ALL official transcripts be sent to Tennessee Tech Admissions as soon as possible (including terms in progress). Make sure that you have final grades sent, as well, once they are posted. Please send to the mailing address listed below.
4. The grade point average (GPA) used for Admissions purposes will include grades earned at all previous institutions.
5. Students who have NOT earned 24 hours of transferable work should also submit a high school transcript or GED scores (along with ACT and/or SAT scores). Students who have not successfully completed college-level math or English courses must follow ACCUPLACER testing guidelines.
6. Applicants will be notified of their admissions status after all credentials have been received and evaluated.

Tentative admission may be granted on the basis of partial transcripts if the quality of work is clearly acceptable. Final admission is granted only after all official transcripts and credentials are received. Admission decisions will be e-mailed to the address provided by the student. You may also check your application status by logging back into your application.

7. Once accepted, your transcript evaluation will be able to be viewed. Only the credit, and not the grade, will transfer for academic and graduation purposes. Check out www.tntech.edu/transfer for your next steps (setting up student email, applying for housing, proper health forms, advisement, orientation, etc.)
8. All non-commuting, freshmen must live in university housing. Please visit www.tntech.edu/reslife (or call 931-372-3414) for more information.

Mailing Address:
TTU Admissions Office
P.O. Box 5006
Cookeville, TN 38505

Physical Address:
Admissions Office
Jere Whitson (208)
805 Quadrangle
Cookeville, TN 38505

Contact Information:
Phone: (931) 372-3888
Toll Free: (800) 255-8881
admissions@tntech.edu
M-F 8 am-4:30pm (CT)

To schedule a date to visit TTU, please sign up at www.tntech.edu/visit.

Expenses

For the list of current fees, check the Bursar's website at www.tntech.edu/bursar/

Scholarship Information

Scholarship opportunities are available for transfer students. For scholarship information, check the scholarship website at www.tntech.edu/scholarships/ The scholarship deadline date is December 15 for the next academic year. But, additional dates are applicable for transfer students. For more information, please visit www.tntech.edu/tsapp.

Undergraduate Colleges and Departments

College of Agriculture and Human Ecology

School of Agriculture
School of Human Ecology

College of Arts and Sciences

Biology
Chemistry
Earth Sciences
English
Foreign Languages
History
Mathematics
Physics
Sociology and Political Science

College of Business

Accounting
Decision Sciences and Management
Economics, Finance and Marketing

College of Education

Counseling and Psychology
Curriculum and Instruction
Exercise Science

College of Engineering

Chemical Engineering
Civil and Environmental Engineering
Computer Science
Electrical and Computer Engineering
Mechanical Engineering
Manufacturing and Engineering Technology

College of Fine Arts

School of Art, Craft, and Design
School of Music

College of Interdisciplinary Studies

Communication
School of Environmental Studies
School of Interdisciplinary Studies
School of Professional Studies

Whitson-Hester School of Nursing

Questions? Contact

Academic Records	Registrar, Jere Whitson 221	372-3317
Admissions	Admissions Office, Jere Whitson 208	372-3888
Athletics	Athletics, Hooper Eblen 300	372-3940
Auto Registration	Parking & Transportation, Roaden University Center 122	372-6428
Bills	Business Office, Derryberry Hall 100	372-3311
Books and Supplies	University Store, Roaden University Center G-7	372-3131
College of		
Agriculture and Human Ecology	Dean's Office, Oakley Hall 102	372-3149
Arts and Sciences	Dean's Office, Henderson Hall 208	372-3118
Student Success Center	Henderson Hall 202	372-3610
Business	Dean's Office, Foundation Hall 317	372-3372
Student Success Center	Foundation Hall 129	372-3371
Education	Dean's Office, T.J. Farr 100	372-3124
Student Success Center	T.J. Farr Building 202	372-6036
Engineering	Dean's Office, Clement Hall 201	372-3172
Student Success Center	Clement Hall 206	372-3833
Interdisciplinary Studies	Dean's Office, Southwest Hall 141A	372-3366
Student Success Center	Southwest Hall 146	372-6238
School of Nursing	Ben Clark, Academic Advisor, Nursing & Health Services	372-3229
Counseling	Counseling Center, Roaden University Center 307	372-3331
Financial Aid	Financial Aid Office, Jere Whitson 302	372-3073
Fraternities	Student Engagement, Roaden University Center 214	372-3123
Housing	Office of Residential Life, MS Cooper 217	372-3414
Launchpad	Volpe Library 180	372-6798
Religious Opportunity	Student Engagement, Roaden University Center 214	372-3123
Student Government	Student Engagement, Roaden University Center 214	372-3123
Student Organizations	Student Engagement, Roaden University Center 214	372-3123
Office of Teacher Education	College of Education, T. J. Farr 103	372-3170
Veteran Certification	Military Affairs and Veterans Affairs, Jere Whitson 324	372-3070

AGRICULTURE - AGRICULTURAL ENGINEERING TECHNOLOGY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	AGRI 1020 Introduction to Animal Science	4	0
HIST 2010, 2020 Early, Modern United States History	3	3	INFS 1010 Computer Applications	3	0
MATH 1130, 1530, 1730, 1830 or 1910	3-4	0	ENGL 2310 or 2320 Early or Modern World <u>OR</u>		
CHEM 1010, 1020 or CHEM 1110, 1120 Social/Behavioral Science Elective ¹	4	4	ENGL 2210 or 2220 Early or Modern British <u>OR</u>		
Elective	0	4	ENGL 2110 or 2120 Early or Modern American Literature	3	0
			COMM 2025 Fundamentals of Communication	0	3
			Humanities/Fine Arts Electives ²	3	3
			BIOL 1110, 1120 or PHYS 2010, 2020	4	4
			Social/Behavioral Science Elective ¹	0	3
Total	16	13-14	Total	17	13

TENNESSEE TECHNOLOGICAL UNIVERSITY

AGRICULTURE (AGRICULTURAL ENGINEERING TECHNOLOGY) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. James Baier, Director; School of Agriculture; Box 5034; Cookeville, TN 38505

Junior Year		Senior Year	
ACCT 3720 Survey of Accounting	3	AGET 3510, 3560, 3565, 4510, 4520, 4540, 4940, 4950, 4960, 4970, 4980; or AGR 4920, 3940, 3950 3960	
AGBE 2100 Economics of Agriculture	3	(Select one)	1-4
AGET 1600 Practical Applications in Ag Systems	3	AGET 3520 Agricultural Spatial Technologies I	3
AGET 2110, 2115 Agricultural Engineering Technology	3	AGET 3540 Fundamentals of GIS and GPS in Ag and Natural Resources	3
AGET 3110, 3115 Natural Resource Systems	3	AGET 4220 Agricultural Machinery & Tractors	2
AGET 3320, 3325 Small Power Equipment	3	AGET 4225 Agricultural Machinery & Tractors Lab	1
AGET 3620 Computer-Aided Design in Agriculture	3	AGET 4620 Agricultural Structures	3
AGR 1020 Connections to Agriculture	1	AGET 4720 Agricultural Processing	3
AGRN 1100 Plant Science	3	AGET 4850 Engineering Technology Design for Agriculture	3
AGRN 1110 Plant Science Lab	1	AGR 2022 Professionalism in Agriculture	1
AGRN 3000 Soils	4	AGR 3000 or 3200	3
		BMGT 3510 Management and Organizational Behavior	3
		Upper-division Agriculture Electives ⁴	6
Total	30	Total	32-35

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

³Select any course from any Agriculture discipline.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

ANIMAL SCIENCE - ANIMAL SCIENCE INDUSTRIES

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year			Sophomore Year		
	F	SP		F	SP
AGRI 1020 Introduction to Animal Science	4	0	AGRI 1050 Introduction to Soil Science	4	0
BIOL 1110 General Biology I	4	0	CHEM 1010, 1020 or 1110, 1120	4	4
COLS 1010 Study, Organize, Succeed	3	0	ENGL 2310 or 2320		
COMM 2025 Fundamentals of Communication	0	3	ENGL 2210 or 2220		
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2110 or 2120		
MATH 1130 or 1530	3	0			
Social/Behavioral Science Elective ²	0	3			
			Early or Modern World <u>OR</u>		
			Early or Modern British <u>OR</u>		
			Early or Modern American Lit	0	3
			HIST 2010, 2020 Early, Modern United States		
			History	3	3
			Humanities/Fine Arts Electives ²	3	3
			Social/Behavioral Science Elective ²	0	3
Total	17	16	Total	14	16

TENNESSEE TECHNOLOGICAL UNIVERSITY
 ANIMAL SCIENCE (ANIMAL SCIENCE INDUSTRIES) - BACHELOR OF SCIENCE DEGREE
 Advisor: Dr. James Baier, Director; School of Agriculture; Box 5034; Cookeville, TN 38505

Junior Year			Senior Year		
AGR 2022 Professionalism in Agriculture	1		AGBE 3220 Data Acquisition and Computer Analysis in Agribusiness		3
AGBE 2100 Economics of Agriculture	3		AGR 3000 or 3200		3
AGET 1600 Practical Applications in Agricultural Systems	3		AGR 4500 Senior Seminar		1
AGET 2110, 2115 or 3110, 3115	3		AGRN 4130 Forage Crops Production & Mgmt.		3
AGR 1020 Connections to Agriculture	1		4000-Level ANS Production Courses		6
AGRN 3000 Soils	4		ANS 3140 Reproduction in Farm Animals		3
ANS 2110 Livestock Evaluation	3		Upper-division Agriculture Elective ³		3
ANS 3015 Animal Nutrition	3		BIOL 3230 or 3200		4
ANS 3020 Feeds & Feeding	3		CHEM 3005 Elementary Organic Chemistry		4
ANS 3130 Animal Breeding	3				
ANS 3150 Common Diseases & Parasites of Domestic Animals	3				
ANS 3310 Meat, Dairy, and Poultry Products	3				
Total	33		Total		30

¹Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

³Upper-division course from any Agriculture discipline.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

COLLEGE OF ARTS AND SCIENCES

DEPARTMENT OF BIOLOGY

BIOLOGY - BOTANY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120 General Biology I, II	4	4	AGRI 1030 Intro to Plant Science	4	0
CHEM 1110, 1120 General Chemistry I, II	4	4	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
COLS 1010 Study, Organize, Succeed	3	0	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2110 or 2120 Early, Modern American Lit	0	3
MATH 1130 College Algebra	3	0	GEOL 1040 Physical Geology	4	0
MATH 1530 or 1830	0	3	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
Total	17	14	Total	16	13

TENNESSEE TECHNOLOGICAL UNIVERSITY

BIOLOGY (BOTANY)

BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Steve Hayslette, Department Chairperson
 Pennebaker Hall 207, Phone: (931) 372-3134

Junior Year		Senior Year	
BIOL 2310 General Botany	4	BIOL 3200 or 3230	4
BIOL 3130 General Ecology	4	BIOL 3920 Biological Communication Skills	3
AGHT 3450 Dendrology	3	BIOL 4310 Plant Anatomy	3
CHEM 3005 Elem Organic Chemistry	4	BIOL 4330 Plant Ecology	3
BIOL 3140 Cellular Biology	4	BIOL 4320 Plant Physiology	3
BIOL 3240 Field Botany	3	Botany Directed Electies	8-9
BIOL 3810 General Genetics	4	General Electives	7-8
MATH 3070 or BIOL 4220	3		
Total	29	Total	31

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

BIOLOGY - CELLULAR & MOLECULAR BIOLOGY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120 General Biology I, II	4	4	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
CHEM 1110, 1120 General Chemistry I, II	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
COLS 1010 Study, Organize, Succeed	3	0	ENGL 2110 or 2120 Early, Modern American Lit0		3
ENGL 1010, 1020 Composition I, II	3	3	HIST 2010, 2020 Early, Modern United States		
MATH 1130 College Algebra	3	0	History	3	3
MATH 1530 or 1830	0	3	COMM 2025 Fundamentals of Comm	3	0
			Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
			PHYS 2010, 2020 Non-Calculus Based		
			Physics I, II	4	4
Total	17	14	Total	16	16

TENNESSEE TECHNOLOGICAL UNIVERSITY BIOLOGY (CELLULAR & MOLECULAR BIOLOGY) BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Steve Hayslette, Department Chairperson
Pennebaker Hall 207, Phone: (931) 372-3134

Junior Year		Senior Year	
BIOL 3120 or 3130	3	BIOL 2010,4320 or 3530	3
BIOL 3140 Cellular Biology	4	BIOL 2310 General Botany	4
BIOL 3200 or 3230	4	BIOL 3530 or 4320	3
CHEM 3010, 3020		CHEM 4610, 4620 General Biochemistry I, II	8
Organic Chemistry I, II	8	BIOL 4040, 4060, or 4850	3
MATH 3070 or BIOL 4220	3	BIOL 4150 Molecular Genetics	3
BIOL 3810 General Genetics	4	BIOL 4160 Genetic Engineering Lab	2
BIOL 3920 Biological Communication Skills	3	CHEM 4650 General Biochemistry Lab	2
		General Electives	8
Total	28	Total	32

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transferecredit.php.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

8/22/23

BIOLOGY - ENVIRONMENTAL BIOLOGY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120 General Biology I, II	4	4	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
CHEM 1110, 1120 General Chemistry I, II	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
COLS 1010 Study, Organize, Succeed	3	0	ENGL 2110 or 2120 Early, Modern American Lit		3
ENGL 1010, 1020 Composition I, II	3	3	HIST 2010, 2020 Early, Modern United States		
MATH 1130 College Algebra	3	0	History	3	3
MATH 1530 Introductory Statistics	0	3	COMM 2025 Fundamentals of Comm	3	0
			GEOL 1040 Physical Geology	0	4
			Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
			Elective	1	0
Total	17	14	Total	13	16

TENNESSEE TECHNOLOGICAL UNIVERSITY BIOLOGY (ENVIRONMENTAL BIOLOGY) BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Steve Hayslette, Department Chairperson
Pennebaker Hall 207, Phone: (931) 372-3134

Junior Year	F	SP	Senior Year	F	SP
BIOL 2310 General Botany	4		BIOL 3200 General Microbiology		4
BIOL 3130 General Ecology	4		BIOL 3240 Field Botany		3
GEOL 1045 Earth Environment, Resources and Society	4		BIOL 3920 Biological Communication Skills		3
BIOL 3140 Cellular Biology	4		BIOL 4610 or BIOL 4840		3
BIOL 3810 General Genetics	4		BIOL 4630, 4810, 4820 or 4830		3
BIOL 3530 or 4320	3		MATH 3070 or BIOL 4220		3
CHEM 3005 Elem Organic Chemistry	4		Directed Electives from Biology Concentration ²	9-12	
ESS 3710 Chemistry and the Environment	3				
Total		30	Total		30

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercrredit.php.

²See Undergraduate Catalog.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

BIOLOGY - HEALTH SCIENCES

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120 General Biology I, II	4	4	BIOL 2010, 2020 Human Anatomy & Phys I, II	4	4
CHEM 1110, 1120 General Chemistry I, II	4	4	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
COLS 1010 Study, Organize, Succeed	3	0	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2110 or 2120 Early, Modern American Lit	0	3
MATH 1130 or 1910	3-4	0	HIST 2010, 2020 Early, Modern United States		
MATH 1530 Introductory Statistics	0	3	History	3	3
			COMM 2025 Fundamentals of Comm	3	0
			Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	0	3
			PSYC 1030 Intro to Psychology	3	0
Total	17	14	Total	16	16

TENNESSEE TECHNOLOGICAL UNIVERSITY

BIOLOGY (HEALTH SCIENCES)

BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Steve Hayslette, Department Chairperson

Pennebaker Hall 207, Phone: (931) 372-3134

Junior Year		Senior Year	
BIOL 3120 or 3130	3	BIOL 3920 Biological Communication Skills	3
BIOL 3140 Cellular Biology	4	BIOL 4040 Immunology	3
BIOL 3230 Health Science Microbiology	4	BIOL 4220 or MATH 3070	3
BIOL 3810 General Genetics	4	Health Science Biology Directed Electives ²	9-12
CHEM 3010, 3020		General Electives	4-8
Organic Chemistry I, II	8		
PHYS 2010, 2020			
Algebra-Based Physics I, II	8		
Total	31	Total	27

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²See Undergraduate Catalog.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

BIOLOGY - MARINE BIOLOGY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120 General Biology I, II	4	4	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
CHEM 1110, 1120 General Chemistry I, II	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
COLS 1010 Study, Organize, Succeed	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
ENGL 1010, 1020 Composition I, II	3	3	HIST 2010, 2020 Early, Modern United States		
MATH 1130 College Algebra	3	0	History	3	3
MATH 1530 or 1830	0	3	COMM 2025 Fundamentals of Comm	3	0
			Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
			GEOL 1040 Physical Geology	0	4
			Elective	1	0
Total	17	14	Total	13	16

TENNESSEE TECHNOLOGICAL UNIVERSITY
 BIOLOGY (MARINE BIOLOGY)
 BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Steve Hayslette, Department Chairperson
 Pennebaker Hall 207, Phone: (931) 372-3134

Junior Year	Senior Year
BIOL 2310 General Botany	4 Gulf Coast Research Lab courses
BIOL 3130 General Ecology	(taken during summer) ² 10-12
CHEM 3005 Elementary Organic Chemistry	BIOL 3920 Biological Communication Skills 3
BIOL 3140 Cellular Biology	Marine Biology Directed Elective ² 3
BIOL 3200 or 3230	General Electives 11-13
BIOL 3810 General Genetics	
BIOL 4650 Marine Biology	
BIOL 4220 or MATH 3070	
Total	31
	Total 29

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²See Undergraduate Catalog.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

BIOLOGY - MICROBIOLOGY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120 General Biology I, II	4	4	BIOL 2230 Microbiology	4	0
CHEM 1110, 1120 General Chemistry I, II	4	4	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
COLS 1010 Study, Organize, Succeed	3	0	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2110 or 2120 Early, Modern American Lit	0	3
MATH 1130 College Algebra	3	0	HIST 2010, 2020 Early, Modern United States		
MATH 1530 or 1830	0	3	History	3	3
			COMM 2025 Fundamentals of Comm	3	0
			Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
			Elective	0	1
Total	17	14	Total	16	13

TENNESSEE TECHNOLOGICAL UNIVERSITY BIOLOGY (MICROBIOLOGY)

BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Steve Hayslette, Department Chairperson
Pennebaker Hall 207, Phone: (931) 372-3134

Junior Year	Senior Year
BIOL 2310 General Botany	BIOL 3920 Biological Communication Skills
BIOL 3120 or 3130	BIOL 4130 Environmental Microbiology
BIOL 3140 Cellular Biology	BIOL 4150 Molecular Genetics
BIOL 3810 General Genetics	BIOL 4750 Medical Microbiology
BIOL 4110 Microbial Evolution	CHEM 4500 or CHEM 4610
BIOL 4220 or MATH 3070	Microbiology Directed Electives ²
Microbiology Directed Elective ²	General Electives
CHEM 3005 or 3010	
CHEM 3020 or Elective	
Total	Total
32-34	29-32

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²See Undergraduate Catalog.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

BIOLOGY - ZOOLOGY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120 General Biology I, II	4	4	BIOL 2230 Microbiology	4	0
CHEM 1110, 1120 General Chemistry I, II	4	4	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
COLS 1010 Study, Organize, Succeed	3	0	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2110 or 2120 Early, Modern American Lit	0	3
MATH 1130 College Algebra	3	0	HIST 2010, 2020 Early, Modern United States		
MATH 1530 or 1830	0	3	History	3	3
			COMM 2025 Fundamentals of Comm	3	0
			Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
			GEOL 1040 Physical Geology	0	4
Total	17	14	Total	16	16

TENNESSEE TECHNOLOGICAL UNIVERSITY BIOLOGY (ZOOLOGY)

BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Steve Hayslette, Department Chairperson
Pennebaker Hall 207, Phone: (931) 372-3134

Junior Year	F	SP	Senior Year	F	SP
BIOL 2310 General Botany	4	4	BIOL 3330 or 4610	3	3
BIOL 3130 General Ecology	4	4	BIOL 3530 Animal Physiology	9-12	13-15
BIOL 3140 Cellular Biology	4	4	Zoology Directed Electives ²		
BIOL 3810 General Genetics	4	4	Electives		
BIOL 3920 Biological Communication Skills	3	3			
BIOL 4220 or MATH 3070	3	3			
CHEM 3005 Elementary Organic Chemistry	4	4			
Zoology Directed Elective ²	3-4	3-4			
Total	28-29	28-29	Total	28-32	28-32

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²See Undergraduate Catalog.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

WILDLIFE AND FISHERIES SCIENCE - CONSERVATION BIOLOGY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120 General Biology I, II	4	4	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
CHEM 1010, 1020 Introductory Chemistry I, II	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
COLS 1010 Study, Organize, Succeed	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
ENGL 1010, 1020 Composition I, II	3	3	GEOL 1040 Physical Geology	4	0
MATH 1130 College Algebra	3	0	HIST 2010, 2020 Early, Modern United States		
MATH 1530 or 1830	0	3	History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
			Elective ²	0	1
Total	17	14	Total	16	13

TENNESSEE TECHNOLOGICAL UNIVERSITY WILDLIFE & FISHERIES SCIENCE (CONSERVATION BIOLOGY CONCENTRATION) -BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Steve Hayslette, Department Chairperson
Pennebaker Hall 207, Phone: (931) 372-3134

Junior Year	F	SP	Senior Year	F	SP
BIOL 2310 General Botany	4		BIOL 4330 or 4340		3
WFS 3130 General Ecology	4		WFS 4500 National Wildlife Policy		3
BIOL 3330 or BIOL 4610	3		WFS 4630 or 4820 Ornithology or Mammalogy		3
WFS 4220 or MATH 3070	3		WFS 4700 Habitat Management		3
BIOL 3240 Field Botany	3		WFS 4711 Fisheries Management		3
BIOL 3100 or 3810	4		WFS 4730 Conservation Biology		3
BIOL 3920 Biological Communication Skills	3		WFS 4740 Wildlife Principles		2
WFS 4810 or WFS 4830	3		Science Directed Elective ³		6-7
Conservation Biology Directed Elective	3-4		Elective		3
Total		30-31	Total		29-30

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

³ Choose two courses from AGHT 3450, AGRN 2000 or 3000, BIOL 3530, BIOL 4320, BIOL 4780, BIOL 4840, ESS 4100, ESS 4110, WFS 4650, WFS 4770, WFS 4800, and GEOG 4510 or WFS 4870 (only one of these final two courses will count toward this requirement.)

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

WILDLIFE AND FISHERIES SCIENCE - FISHERIES

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120 General Biology I, II	4	4	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
CHEM 1010, 1020 Introductory Chemistry I, II	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
COLS 1010 Study, Organize, Succeed	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
ENGL 1010, 1020 Composition I, II	3	3	GEOL 1040 Physical Geology	4	0
MATH 1130 College Algebra	3	0	HIST 2010, 2020 Early, Modern United States		
MATH 1530 or 1830	0	3	History	3	3
			COMM 2025 Fundamentals of Communication	0	3
			Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
			Elective ¹	1	0
Total	17	14	Total	14	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
 WILDLIFE & FISHERIES SCIENCE (FISHERIES SCIENCE) - BACHELOR OF SCIENCE DEGREE
 Advisor: Dr. Steve Hayslette, Department Chairperson
 Pennebaker Hall 207, Phone: (931) 372-3134

Junior Year		Senior Year	
BIOL 2310 General Botany	4	BIOL 4610 Invertebrate Zoology	3
BIOL 3240 Field Botany	3	BIOL 4780 Phycology	3
BIOL 3100 or 3810	4	WFS 4500 National Wildlife Policy	3
BIOL 3920 Biological Communication Skills	3	WFS 4760 Fish Culture	4
WFS 4710 Fisheries Management	4	WFS 4810 Ichthyology	3
MATH 3070 or BIOL 4220	3	WFS 4840 Limnology	3
WFS 3130 General Ecology	4	Fisheries Science Directed Elective ²	6-8
WFS 4740 Wildlife Principles	2	Electives	3
Fisheries Science Directed Elective ²	3-4		
Total	31-32	Total	29

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Choose two courses from AGRN 3000, BIOL 3530, BIOL 4330, GEOG 3200, WFS 3500, WFS 4230, WFS 4630, WFS 4640, WFS 4730, WFS 4770, WFS 4820, WFS 4830 and GEOG 4510 or WFS 4870 (only one of these final two courses will count toward this requirement.)

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

WILDLIFE AND FISHERIES SCIENCE - WILDLIFE

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120 General Biology I, II	4	4	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
CHEM 1010, 1020 Introductory Chemistry I, II	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
COLS 1010 Study, Organize, Succeed	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
ENGL 1010, 1020 Composition I, II	3	3	GEOL 1040 Physical Geology	4	0
MATH 1130 College Algebra	3	0	HIST 2010, 2020 Early, Modern United States		
MATH 1530 or 1830	0	3	History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
			Elective ²	0	1
Total	17	14	Total	16	13

TENNESSEE TECHNOLOGICAL UNIVERSITY

WILDLIFE & FISHERIES SCIENCE (WILDLIFE SCIENCE CONCENTRATION) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Steve Hayslette, Department Chairperson

Pennebaker Hall 207, Phone: (931) 372-3134

Junior Year		F	SP	Summer (Course offered summer only)		F	SP
BIOL 2310 General Botany		4	4	WFS 4790 Wildlife Techniques		6	6
BIOL 3240 Field Botany		3	3	Total		6	6
BIOL 3100 or 3810		4	4	Senior Year			
MATH 3070 or BIOL 4220		3	3	AGHT 3450 Dendrology		3	3
WFS 3130 General Ecology		3	3	BIOL 3920 Biological Communication Skills		3	3
WFS 3500 Wildlife Law Enforcement		3	3	WFS 4500 National Wildlife Policy		3	3
WFS 4660 Wild Bird Ecology		3	3	WFS 4670 Wild Mammal Ecology		3	3
WFS 4740 Wildlife Principles		2	2	WFS 4700 Habitat Management		3	3
WFS 4830 Herpetology		3	3	WFS 4711 Fisheries Management		3	3
				Wildlife Science Directed Electives ³		6-7	6-7
Total		29	29	Total		30-31	30-31

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

³ Choose two courses from AGRN 2000 or AGRN 3000, BIOL 3530, BIOL 4330, ESS 4100, ESS 4110, WFS 3550, WFS 4640, WFS 4730, WFS 4770, WFS 4810, and GEOG 4510 or WFS 4870 (only one of these final two courses will count toward this requirement.)

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

CHEMISTRY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
COLS 1010 Study, Organize, Succeed	3	0	CHEM 2010, 2020		
ENGL 1010, 1020 Composition I, II	3	3	Organic Chemistry I, II	4	4
CHEM 1110, 1120 General Chemistry I, II	4	4	ENGL 2310 or 2320 Early, Modern World Lit	<u>OR</u>	
COMM 2025 Fundamentals of Communication	0	3	ENGL 2210 or 2220 Early, Modern British Lit	<u>OR</u>	
MATH 1910, 1920 Calculus I, II	4	4	ENGL 2110 or 2120 Early, Modern American Lit	0	3
Humanities/Fine Arts Electives ¹	0	3	HIST 2010, 2020 Early, Modern United States		
Social/Behavioral Science Elective ¹	3	0	History	3	3
			PHYS 2110, 2120 Calculus-based Physics I, II	4	4
			Humanities/Fine Arts Elective ¹	3	0
			Social/Behavioral Science Elective ¹	0	3
Total	17	17	Total	14	17

TENNESSEE TECHNOLOGICAL UNIVERSITY
 CHEMISTRY (PURE CHEMISTRY) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Jeff Boles, Department Chairperson

Lab Science Commons 1104, Phone: (931) 372-3241

Junior Year		Senior Year	
CHEM 1500 First Year Interactions and Advisement	1	CHEM 4110 Inorganic Chemistry	3
CHEM 2010 Intro to Inorganic	3	CHEM 4150 Inorganic Laboratory	1
CHEM 2910 Undergraduate Research Methods	1	CHEM 4210 Chemistry of Polymers	3
CHEM 3410 Quantitative Analysis	4	CHEM 4520 Instrumental Analysis	4
CHEM 3510, 3520 Physical Chemistry I, II	8	CHEM 4610 Biochemistry	3
MATH 2110 Calculus III	4	CHEM 4910 Chemistry Seminar	2
MATH/PHYS Elective	3	CHEM 4991 Undergraduate Research	1
CHEM Advanced CHEM Elective	3	CHEM Advanced CHEM Electives	3
	2		6
Total	29	Total	26

¹If MATH 1910 (Calculus I) cannot be taken in the first semester due to the need for prerequisite math courses, it should be moved to the next semester. This may necessitate other courses originally planned for later semesters (specifically general education elective courses) to be switched with courses in an earlier semester to keep the number of credit hours in the 14-18 range.

²Any prerequisite math course taken can be counted toward your elective hours at Tennessee Tech after transferring.

³Advanced CHEM courses may need to be taken in different semester than where indicated depending on the scheduling of when some courses are offered.

⁴Total number of electives needed may vary depending on prerequisite courses required, courses taken to satisfy a minor, or other courses. Please consult with your advisor to determine of and how many elective hours you need to reach 120 degree hours.

⁵Elective courses at RSCC must be selected from the RSCC/TTU Transfer Course Equivalency table www.tnitech.edu/admissions/undergraduate/transfer/transfercredit.php.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

SOCIOLOGY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	COMM 2025 Fundamentals of Comm	0	3
MATH ²	3	0	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
Humanities/Fine Arts Elective ¹	0	3	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
Natural Science	4	4	ENGL 2110 or 2120 Early or Modern American Lit	0	3
SOC 1010 Intro to Sociology	3	0	HIST 2010, 2020 Early, Modern United States		
Foreign Language	3	0	History	3	3
SOC/SW/CJ Elective (SOCI 1040 Social Problems recommended)	0	3	SOC/SW/CJ Elective	0	3
Elective ¹	1	0	POLS 1030 American Government	3	0
			Social Science/Philosophy Elective	0	3
			PHIL 1030 Intro to Philosophy	3	0
			Electives ¹	4	3
Total	16	14	Total	13	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
 SOCIOLOGY- BACHELOR OF SCIENCE DEGREE
 Advisor: College of Arts and Sciences Student Success Center
 Henderson Hall 202, Phone: (931) 372-3610

Junior Year	F	SP	Senior Year	F	SP
SOC 3100 Sociological Theory	3	3	SOC 4920 or 4930	3	3
SOC 3900 Into to Research	3	3	SOC/SW/CJ Electives (Upper Division)	6	6
SOC 3910 Social Sci Stat Analysis	3	3	Social Science/Philosophy Elective	3	3
SOC/SW/CJ Electives (Upper Division)	9	9	Electives	18	18
Social Science/Philosophy Elective	3	3			
Electives	9	9			
Total	30	30	Total	30	30

¹Students need to take general electives. Consult your academic advisor.

²Any general education mathematics course. MATH 1010 "Math for General Studies" recommended.

³The minimum is a course in a specific language. For example, none of the "Country and the People" courses are acceptable.

- A total of 120 hours is required for graduation with a minimum of 36 hours at the upper level.
- Each student is personally responsible for completing all degree requirements and for informing himself/herself of these requirements. A student's advisor MAY NOT assume these responsibilities (see TTU Undergraduate Catalog.)
- Students must apply for graduation at least two semesters prior to expected graduation date.

Visit our website for more information: www.tntech.edu/cas/sociology/

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

SOCIOLOGY - SOCIAL WORK

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120 General Biology I, II	4	4	COMM 2025 Fundamentals of Comm	0	3
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
Foreign Language	3	0	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
MATH ¹	3	0	ENGL 2110 or 2120 Early or Modern American Lit	0	3
SOC 1010 Intro to Sociology	3	0	HIST 2010, 2020 Early, Modern United States		
SWRK 2010 Intro to Social Work	0	3	History	3	3
SOC/SW/CJ Elective (SOCi 1040 Social Problems recommended)	0	3	SOC/SW/CJ Elective	0	3
Elective ²	0	1	POLS 1030 American Government	3	0
			PHIL 1030 Intro to Philosophy	3	0
			PSY 1030 Intro to Psychology	3	0
			Humanities/Fine Arts Elective ¹	0	3
			COLS 1010 Study, Organize, Succeed	3	0
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
SOCIOLOGY (SOCIAL WORK) - BACHELOR OF SCIENCE DEGREE

Advisor: College of Arts and Sciences Student Success Center
Henderson Hall 202, Phone: (931) 372-3610

Junior Year		3	Senior Year		3
SOC 3100 Sociological Theory		3	SOC 4920 or 4930		3
SOC 3900 Into to Research		3	SW 4120 Case Management		3
SOC 3910 Social Sci Stat Analysis		3	SW 4900 Internship		3
SOC/SW/CJ Electives (Upper Division)		6	PHIL 2250 Introductory Ethics		3
PSY course or PSY 2210		3	SOC/SW/CJ Electives (Upper Division)		3
SW 4100 Probation and Parole		3	Electives		15
Electives		9			
Total		30	Total		30

¹Students need to take general electives. Consult your academic advisor.

²Any general education mathematics course. MATH 1010 "Math for General Studies" recommended.

³The minimum is a course in a specific language. For example, none of the "Country and the People" courses are acceptable.

- A total of 120 hours is required for graduation with a minimum of 36 hours at the upper level.
- Each student is personally responsible for completing all degree requirements and for informing himself/herself of these requirements. A student's advisor MAY NOT assume these responsibilities (see TTU Undergraduate Catalog.)
- Students must apply for graduation at least two semesters prior to expected graduation date.

Visit our website for more information: www.tntech.edu/cas/sociology/

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

COLLEGE OF BUSINESS

ACCOUNTING

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
COLS 1010 Study, Organize, Succeed	3	0	ECON 2100, 2200 Principles of Macroeconomics, Microeconomics	3	3
ENGL 1010, 1020 Composition I, II ¹	3	3	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
ACCT 1010, 1020 Principles of Accounting I, II	3	3	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
INFS 1010 Computer Applications	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
MATH 1130, 1530 College Algebra, Introductory Statistics	3	3	HIST 2010, 2020 Early, Modern United States History	3	3
COMM 2025 Fundamentals of Communication	0	3	Humanities/FineArts Elective ³	3	0
Humanities/FineArts Elective ³	0	3	MATH 1830 Applied Calculus	3	0
			Natural Science ³	4	4
			Elective ²	0	1
Total	15	15	Total	16	14

TENNESSEE TECHNOLOGICAL UNIVERSITY
 ACCOUNTING-BACHELOR OF SCIENCE DEGREE
 Advisor: Dr. Richard Rand, Department Chairperson
 Johnson Hall 210, Phone: (931) 372-3358

Junior Year		Senior Year	
ACCT 3170 Financial Acct and Reporting I ⁴	3	ACCT 3190 Financial Accounting and Reporting III ⁴	3
ACCT 3180 Financial Acct and Reporting II ⁴	3	ACCT 3620 Auditing I ⁴	3
ACCT 3210 Cost Accounting ⁴	3	BMGT 3720 Business Communication I	3
ACCT 3330 Federal Taxation I ⁴	3	DS 3520 Operations, Logistics and Supply Management	3
ACCT 3150 Accounting Analytics, Visualizations, and Information Technology ⁴	3	ACCT Elective	3
BMGT 3510 Management and Org. Behavior	3	BMGT 4930 Business Strategy	3
DS 3841 Management Info. Systems	3	DS 3620 Business Analytics: Data Driven Decision Making	3
ECON 3610 Business Statistics I	3	LAW 2810 Business Legal Environment & Ethics	3
FIN 3210 Principles of Managerial Finance	3	Business Elective	3
MKT 3400 Principles of Marketing	3	Elective ²	3
Total	30	Total	30

¹Must pass course with a grade of C or higher.

²Select two courses from the following: ASTR 1010-1020, BIOL 1010-1020, BIOL 1123-2310, BIOL 2010-2020, CHEM 1010-1020, CHEM 1110-1120, GEOL 1040-1045, PHYS 2010-2020, PHYS 2110-2120.

³Select two courses from the University approved Humanities/Fine Arts Elective list.

⁴Accounting majors must earn a C or better in this course to graduate with a major in accounting.

⁵Accounting electives, select one course:

- ACCT 4230 (5230) - Advanced Managerial Accounting
- ACCT 4300 (5300) - Financial Statement Analysis
- ACCT 4530 - Governmental and Not-For-Profit Accounting
- ACCT 4600 (5600) - Forensic Accounting and Fraud Auditing
- ACCT 4700 (5700) - International Experiences in Accounting
- ACCT 4800 - Internship in Accounting
- ACCT 4900 - Special Topics

⁶Electives-Business students must take a minimum of one (1) three-hour upper division business elective. Additional electives are required to complete the credits required for the degree. The additional elective credits may be completed with courses from any discipline at any level. Electives should be chosen in consultation with an academic advisor.

BUSINESS AND INFORMATION TECHNOLOGY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	3	0	ACCT 1010, 1020 Principles of Accounting I, II	3	3
ENGL 1010, 1020 Composition I, II	3	3	ECON 2100, 2200 Principles of Macroeconomics, Microeconomics	3	3
MATH 1130, 1530 College Algebra, Introductory Statistics	3	3	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
Natural Science ³	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
Humanities/FineArts Elective ¹	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
Elective ²	0	4	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/FineArts Elective ¹	3	0
			Elective ²	0	3
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
 BUSINESS AND INFORMATION TECHNOLOGY-BACHELOR OF SCIENCE DEGREE
 Advisor: Dr. Thomas Timmerman, Department Chairperson
 Johnson Hall 306, Phone: (931) 372-3160

Junior Year		3	3	Senior Year		3	3
BMGT 3510 Management and Org. Behavior		3		BMGT 4930 Business Strategy		3	
BMGT 3720 Business Communication I		3		DS 3520 Operations Management		3	
DS 3620 Business Analytics: Data Driven Decision Making		3		DS 3865 Business Database Management 2		3	
DS 3841 Management Info. Systems		3		DS 3870 Business Applications Development II		3	
DS 3850 Business Applications Development		3		DS 4250 Business Data Communications		3	
DS 3860 Business Database Management		3		DS 4330 Management Info Systems Analysis and Design		3	
ECON 3610 Business Statistics I		3		DS 4550 Information Systems Development Practicum		3	
FIN 3210 Principles of Managerial Finance		3		LAW 2810 Business Legal Environment & Ethics		3	
MKT 3400 Principles of Marketing		3		Business Elective		3	
DS Elective		3		Electives ⁴		5	
UBUS 1020 Success Skills for Business Studies		1					
Total		31		Total		29	

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses are to be selected in consultation with the academic advisor. See advisor.

³Science sequence, choose from: BIOL 1110-1120, CHEM 1110-1120, GEOL 1040-1050, ASTR 1010-1020, or PHYS 2010-2020.

⁴Elective courses must be selected in consultation with the advisor.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

BUSINESS MANAGEMENT - BUSINESS INTELLIGENCE AND ANALYTICS

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	3	0	ACCT 1010, 1020 Principles of Accounting I, II	3	3
ENGL 1010, 1020 Composition I, II	3	3	ECON 2100, 2200 Principles of Macroeconomics, Microeconomics	3	3
MATH 1130, 1530 College Algebra, Introductory Statistics	3	3	ENGL 2310, 2320 Early, Modern World Lit <u>OR</u>		
Natural Science ³	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
Humanities/Fine Arts Elective ¹	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
Elective ²	0	4	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Elective ¹	3	0
			Elective ²	0	3
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY BUSINESS MANAGEMENT - OPTION BUBA (BUSINESS INTELLIGENCE AND ANALYTICS) BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Thomas Timmerman, Department Chairperson
Johnson Hall 306, Phone: (931) 372-3160

Junior Year		Senior Year	
BMGT 3510 Management & Org. Behavior	3	BMGT 4930 Business Strategy	3
BMGT 3720 Business Communication I	3	DS 3520 Operations Management	3
ECON 3610 Business Statistics I		DS 3841 Management Info. Systems	3
FIN 3210 Prin. of Managerial Finance	3	DS 4210 Business Intelligence	3
MKT 3400 Principles of Marketing	3	DS 4220 Advanced Business Analytics	3
DS 3620 Business Analytics: Data Driven Decision Making	3	DS 4230 Advanced Business Analytics II	3
DS 3860 Business Database Management	3	DS 4510 Business Intelligence and Analytics Capstone	3
DS Elective ⁴	3	ECON 4640 Econometrics	3
Business Elective ⁴	3	LAW 2810 Business Legal Environment & Ethics	3
Electives ⁴	2	Business Elective ⁴	3
UBUS 1020 Success Skills for Business Studies	1		
Total	30	Total	30

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses are to be selected in consultation with the academic advisor. See advisor.

³Science sequence, choose from: BIOL 1110-1120, CHEM 1110-1120, GEOL 1040-1050, ASTR 1010-1020, or PHYS 2010-2020.

⁴DS and business elective courses must be approved by the academic advisor and be consistent with the intent of this concentration.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

BUSINESS MANAGEMENT - GENERAL MANAGEMENT

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ACCT 1010, 1020 Principles of Accounting I, II	3	3	ECON 2100, 2200 Principles of Macroeconomics, Microeconomics	3	3
COLS 1010 Study, Organize, Succeed	3	0	ENGL 2310, 2320 Early, Modern World Lit <u>OR</u>		
COMM 2025 Fundamentals of Communication	0	3	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
INFS 1010 Computer Applications	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
ENGL 1010, 1020 Composition I, II	3	3	HIST 2010, 2020 Early, Modern United States History	3	3
MATH 1130, 1530 College Algebra, Introductory Statistics	3	3	Humanities/Fine Arts Elective ¹	3	0
Humanities/Fine Arts Elective ¹	0	3	Natural Science ³	4	4
			Elective ²	3	1
Total	15	15	Total	16	14

TENNESSEE TECHNOLOGICAL UNIVERSITY
BUSINESS MANAGEMENT (GENERAL MANAGEMENT) - BACHELOR OF SCIENCE DEGREE
 Advisor: Dr. Thomas Timmerman, Department Chairperson
 Johnson Hall 306, Phone: (931) 372-3160

Junior Year			Senior Year		
BMGT 3510 Management & Org. Behavior	3		BMGT 3720 Business Communication I		3
BMGT 3600 International Management	3		BMGT 4520 Organizational Leadership		3
BMGT 3630 Human Resource Management	3		BMGT 4930 Business Strategy		3
DS 3841 Management Info. Systems	3		DS 3520 Operations Management		3
ECON 3610 Business Statistics I	3		DS 3620 Business Analytics: Data Driven Decision Making		3
FIN 3210 Prin. of Managerial Finance	3		LAW 2810 Business Legal Environment & Ethics		3
MKT 3400 Principles of Marketing	3		BMGT Electives ⁴		6
Business Elective ⁴	6		Electives ⁴		6
Elective ⁴	3				
Total		30	Total		30

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercrcredit.php.

²Elective courses are to be selected in consultation with the academic advisor. See advisor.

³Science sequence, choose from: BIOL 1110-1120, CHEM 1110-1120, GEOL 1040-1050, ASTR 1010-1020, or PHYS 2010-2020.

⁴Elective courses must be selected in consultation with the advisor.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

BUSINESS MANAGEMENT - HUMAN RESOURCE MANAGEMENT

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	3	0	ACCT 1010, 1020 Principles of Accounting I, II	3	3
ENGL 1010, 1020 Composition I, II	3	3	ECON 2210, 2220 Principles of Macroeconomics, Microeconomics	3	3
MATH 1130, 1530 College Algebra, Introductory Statistics	3	3	ENGL 2310, 2320 Early, Modern World Lit <u>OR</u>		
Natural Science ³	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
Humanities/Fine Arts Elective ¹	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
Elective ²	0	4	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Elective ¹	3	0
			Elective ²	0	3
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY BUSINESS MANAGEMENT - (HUMAN RESOURCE MANAGEMENT) BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Thomas Timmerman, Department Chairperson
Johnson Hall 306, Phone: (931) 372-3160

Junior Year		Senior Year	
BMGT 3510 Management & Org. Behavior	3	BMGT 3720 Business Communication I	3
BMGT 3630 Human Resource Management	3	BMGT 4100 Staffing	3
LAW 2810 Business Legal Environment & Ethics	3	BMGT 4120 Compensation Administration	3
DS 3620 Business Analytics: Data Driven Decision Making	3	BMGT 4150 Employment and Labor Law	3
DS 3841 Management Info. Systems	3	BMGT 4610 Training and Development	3
ECON 3610 Business Statistics I	3	BMGT 4930 Business Strategy	3
FIN 3210 Principles of Managerial Finance	3	DS 3520 Operations, Logistics, and Supply Chain Management	3
MKT 3400 Principles of Marketing	3	Business Elective ⁴	3
BMGT Electives	6	Electives ⁴	5
UBUS 1020 Success Skills for Business Studies	1		
Total	31	Total	29

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses are to be selected in consultation with the academic advisor. See advisor.

³Science sequence, choose from: BIOL 1110-1120, CHEM 1110-1120, GEOL 1040-1050, ASTR 1010-1020, or PHYS 2010-2020.

⁴Elective courses must be selected in consultation with the advisor.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

8/22/23

BUSINESS MANAGEMENT - OPERATIONS, LOGISTICS AND SUPPLY CHAIN MANAGEMENT

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	3	0	ACCT 1010, 1020 Principles of Accounting I, II	3	3
ENGL 1010, 1020 Composition I, II	3	3	ECON 2100, 2200 Principles of Macroeconomics, Microeconomics	3	3
MATH 1130, 1530 College Algebra, Introductory Statistics	3	3	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
Natural Science ³	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
Humanities/Fine Arts Electives ¹	3	0	ENGL 2110 or 2120 Early, Modern American Lit		
Elective ²	0	4	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Elective ¹	3	0
			Elective ²	0	3
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY BUSINESS MANAGEMENT (OPERATIONS, LOGISTICS AND SUPPLY CHAIN MANAGEMENT) BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Thomas Timmerman, Department Chairperson
Johnson Hall 306, Phone: (931) 372-3160

Junior Year		F	SP	Senior Year	F	SP
BMGT 3630 Human Resource Management		3	0	BMGT 3720 Business Communication I	3	0
FIN 3210 Prin. of Managerial Finance		3	0	BMGT 4410 Conflict Management and Negotiation	3	0
ACCT 3210 Cost Accounting		3	0	BMGT 4930 Business Strategy	3	0
BMGT 3510 Management & Org. Behavior		3	0	DS 3530 Advanced Operations, Logistics and Supply Chain Management	3	0
DS 3520 Operations, Logistics and Supply Chain Management		3	0	DS 4530 Operations, Logistics, and Supply Chain Management Capstone	3	0
DS 3540 Quality & Productivity Systems		3	0	LAW 2810 Business Legal Environment & Ethics	3	0
DS 3620 Business Analytics: Data Driven Decision Making		3	0	DS or BMGT or MET Electives ⁴	6	0
DS 3841 Management Info. Systems		3	0	Business Elective ⁴	3	0
ECON 3610 Business Statistics I		3	0	Elective	3	0
MKT 3400 Principles of Marketing		3	0			
UBUS 1020 Success Skills for Business Studies		1	0			
Total		31	0	Total	30	0

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses are to be selected in consultation with the academic advisor. See advisor.

³Science sequence, choose from: BIOL 1110-1120, CHEM 1110-1120, GEOL 1040-1050, ASTR 1010-1020, or PHYS 2010-2020.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

FINANCE

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	3	0	ACCT 1010, 1020 Principles of Accounting I, II	3	3
ENGL 1010, 1020 Composition I, II	3	3	ECON 2100, 2200 Principles of Macroeconomics, Microeconomics	3	3
MATH 1130, 1530 College Algebra, Introductory Statistics	3	3	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
Natural Science ³	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
Humanities/Fine Arts Elective ¹	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
Elective ²	0	4	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Elective ¹	3	0
			Elective ²	0	3
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
FINANCE - BACHELOR OF SCIENCE DEGREE
Advisor: Wesley Pech, Department Chairperson
Johnson Hall 216, Phone: (931) 372-3745

Junior Year		3	3	Senior Year		3	3
BMGT 3510 Management and Org. Behavior	3			BMGT 3720 Business Communication I			3
LAW 2810 Business Legal Environment & Ethics	3			BMGT 4930 Business Strategy			3
DS 3520 Operations Logistics, and Supply Chain Management	3			FIN 4230 Adv. Financial Decision Analysis			3
DS 3620 Business Analytics: Data Driven Decision Making	3			Business Elective ⁴			6
DS 3841 Management Info. Systems	3			Finance Electives ⁴			12
ECON 3610 Business Statistics I	3			MKT 3400 Principles of Marketing			3
FIN 2000 Personal Finance	3						
FIN 3210 Principles of Managerial Finance	3						
FIN 3220 Intermediate Financial Management	3						
FIN 3830 Fundamentals of Investment	3						
UBUS 1020 Success Skills for Business Studies	1						
Total		31		Total			30

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses are to be selected in consultation with the academic advisor. See advisor.

³Science sequence, choose from: BIOL 1110-1120, CHEM 1110-1120, GEOL 1040-1050, ASTR 1010-1020, or PHYS 2010-2020.

⁴Elective courses must be selected in consultation with the advisor.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

MARKETING

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE - GENERAL

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	3	0	ACCT 1010, 1020 Principles of Accounting	3	3
ENGL 1010, 1020 Composition I, II	3	3	ECON 2100, 2200 Principles of Macroeconomics, Microeconomics	3	3
MATH 1130, 1530 College Algebra, Introductory Statistics	3	3	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
Natural Science ³	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
Humanities/Fine Arts Elective ¹	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
Elective ²	0	4	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Elective ¹	3	0
			Elective ²	0	3
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
 MARKETING - BACHELOR OF SCIENCE DEGREE
 Advisor: Dr. Wesley Pech, Department Chairperson
 Johnson Hall 216, Phone: (931) 372-3745

Junior Year		3	Senior Year		3
BMGT 3510 Management and Org. Behavior		3	BMGT 3720 Business Communication I		3
DS 3520 Operations Logistics, and Supply Chain Management	3		BMGT 4930 Business Strategy		3
DS 3620 Business Analytics: Data Driven Decision Making	3		LAW 2810 Business Legal Environment & Ethics		3
DS 3841 Management Info. Systems	3		MKT 4620 Marketing Research		3
ECON 3610 Business Statistics I	3		MKT 4730 Marketing Strategy		3
FIN 3210 Principles of Managerial Finance	3		Marketing Electives ⁴		9
MKT 3400 Principles of Marketing	3		Business Elective ⁴		6
MKT 4530 Consumer Behavior	3				
Marketing Elective ⁴	3				
Elective ⁴	2				
UBUS 1020 Success Skills for Business Studies	1				
Total		30	Total		30

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercrredit.php.

²Elective courses are to be selected in consultation with the academic advisor. See advisor.

³Science sequence, choose from: BIOL 1110-1120, CHEM 1110-1120, GEOL 1040-1050, ASTR 1010-1020, or PHYS 2010-2020.

⁴Elective courses must be selected in consultation with the advisor.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

COLLEGE OF EDUCATION

OFFICE OF TEACHER EDUCATION

Admission to the Teacher Education Program for Undergraduate Students with an AS or AAS Degree

The undergraduate admission process applies to students pursuing a bachelor's degree and transfer students that received an AS or AAS Degree from a community college. Students fitting this category receive full admission to the Teacher Education Program upon meeting the requirements listed at the link below in the Undergraduate Requirements Section:

<https://www.tntech.edu/education/teachered/admission.php>

All requirements for admission to the Teacher Education Program must be completed by the designated deadline. Students will not be allowed to enroll in any upper division professional education courses without obtaining full admission to the program. A detailed list of requirements, deadlines, and links to all required forms can be found at the above link. Forms cannot be submitted online without a T Number (TTU student ID number).

Upon admission to the Teacher Education Program and completion of upper division coursework, students will prepare and submit requirements for the Field and Clinical Practice (Residency or Student Teaching experience). More detailed information on Field and Clinical Practice requirements and deadlines can be found at the link below:

<https://www.tntech.edu/education/teachered/field-clinical.php>

Admission to the Teacher Education Program for Undergraduate Students with an AST Degree

Students who completed the AST (Associate Science in Teaching) Degree through a community college will have completed some teacher education admission requirements previously in order to obtain their AST degree. In order to complete full admission to the Teacher Education Program at Tennessee Tech University students must show proof of having been awarded the AST Degree (this will be listed on official transcripts) and meet the requirements listed at the link below in the AST Degree Requirements section:

<https://www.tntech.edu/education/teachered/admission.php>

All requirements for admission to the Teacher Education Program must be completed by the designated deadline. Students will not be allowed to enroll in any upper division professional education courses without obtaining full admission to the program. A detailed list of requirements, deadlines, and links to all required forms can be found at the above link. Forms cannot be submitted online without a T Number (TTU student ID number).

Upon admission to the Teacher Education Program and completion of upper division coursework, students will prepare and submit requirements for the Field and Clinical Practice (Residency or Student Teaching experience). More detailed information on Field and Clinical Practice requirements and deadlines can be found at the link below:

<https://www.tntech.edu/education/teachered/field-clinical.php>

All forms and detailed information regarding progression through the Teacher Education Program at Tennessee Tech University can be found at: <https://www.tntech.edu/education/teachered/>

Teacher Education candidates may be required to meet revisions in various curricula necessitated by changing standards of the Council for Accreditation of Educator Preparation (CAEP) or by requirements of the Tennessee State Board of Education and teacher licensure.

ELEMENTARY EDUCATION (K-5 LICENSURE)

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE IN TEACHING

Freshman Year		Sophomore Year			
BIOL 1110	General Biology I	4	ASTR 1010	Intro to Astronomy OR	
COLS 1010	Study, Organize, Succeed	3	GEOL 1040	Physical Geology OR	
ENGL 1010, 1020	Composition I, II	6	GEOL 1050	Historical Geology (Select one)	4
EDU 101	Introduction to Teaching	3	EDU 211	Educational Psychology	3
EDU 111	Intro to Education of Exceptional Children	3	ENGL 2310 or 2320	Early, Modern World Lit <u>OR</u>	
MATH 1410	Number Concepts for Teachers	3	ENGL 2210 or 2220	Early, Modern British Lit <u>OR</u>	
MATH 1530	Introductory Statistics	3	ENGL 2110 or 2120	Early, Modern American Lit	3
ART 1035 or MUS 1030	Introduction to Art or Music	3	GEOG 2010	World Regional Geography	3
COMM 2025	Fundamentals of Communication	3	HIST 2010, 2020	Early, Modern United States History	6
			Humanities/Fine Arts Elective		3
			MATH 1420	Geometry Concepts for Teachers	3
			PSCI 1030	Survey of Physical Science	4
			POLS 1030	American Government	3
	Total	31		Total	32

TENNESSEE TECHNOLOGICAL UNIVERSITY ELEMENTARY EDUCATION (K-5 LICENSURE) - BACHELOR OF SCIENCE DEGREE

Advisor: College of Education Student Success Center
T.J. Farr 202, Phone: (931) 372-6036

Junior Year		Senior Year			
CUED 4700	Educational Data and Assessment	2	ELED 4871	Residency I	5
ECSP 4100	Dev. Appropriate Practices: K-4	3	ELED 4872	Professional Seminar I	5
ELED 3140	Teaching of Social Studies	2	ELED 4881	Residency II	10
ELED 3152	Teaching of Mathematics	3	ELED 4882	Professional Seminar	2
ELED 4142	Teaching of Science	3	CUED 4800	Student Engagement	3
ESLP 4100	ESL Methodology and Materials for PreK-12	3			
FOED 3010	Integrating Instructional Technology	3			
FOED 3800,3810	Field Experiences in Education	4			
READ 3311	Literacy I	7			
SPED 3001	Inclusive Teaching Practices for Diverse Learners	3			
Elective		2			
	Total	35		Total	25

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

SECONDARY EDUCATION (6-12 LICENSURE) OPTION: BIOLOGY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE - SECONDARY EDUCATION

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120 General Biology I, II	4	4	CHEM 1110 Gen. Chemistry I	4	0
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
EDU 101 Introduction to Teaching Profession	3	0	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
MATH 1530 Introductory Statistics	3	0	ENGL 2110 or 2120 Early or Modern American Lit	3	0
PHYS 2010 Non-Calculus Based Physics I	0	4	GEOL 1040 Physical Geology	0	4
Humanities/Fine Arts Elective	0	3	HIST 2010, 2020 Early, Modern United States History	3	3
Elective	1	0	Humanities/Fine Arts Elective	0	3
			COMM 2025 Fundamentals of Communication	0	3
			Social/Behavioral Science Electives	3	3
			EDU 211 Educational Psychology	3	0
Total	14	14	Total	16	16

TENNESSEE TECHNOLOGICAL UNIVERSITY SECONDARY EDUCATION (6-12 LICENSURE) - BACHELOR OF SCIENCE IN EDUCATION DEGREE

Advisor: College of Education Student Success Center

T.J. Farr 202, Phone: (931) 372-6036

Junior Year	F	SP	Senior Year	F	SP
BIOL 2010 Human Anatomy & Physiology I	4	4	SEED 4871 Residency I	5	5
BIOL 2310 General Botany	4	4	SEED 4872 Professional Seminar I	5	5
BIOL 3120 General Ecology	3	3	SEED 4881 Residency II	10	10
BIOL 3140 Cellular Biology	4	4	SEED 4882 Professional Seminar II	2	2
BIOL 3810 General Genetics	4	4	SPED 3000 Teaching Persons with Disabilities in the Regular Classroom	3	3
CUED 4400 Teaching Methods for Physical Sciences	3	3			
ESLP 3100 ESL Pedagogy: Secondary Education Methodology and Materials	1	1			
FOED 3010 Integrating Instruc Technology	3	3			
FOED 3820 Field Experiences in Education	2	2			
MATH 1710 Pre-Calculus Algebra	3	3			
READ 3350 Teaching Reading in the Content Area	3	3			
SEED 4123 Materials & Methods of Teaching the Sciences	3	3			
Total	35	35	Total	25	25

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

SECONDARY EDUCATION (6-12 LICENSURE) ENGLISH

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE - SECONDARY EDUCATION

Freshman Year	F	SP	Sophomore Year	F	SP
EDU 101 Introduction to Teaching Profession	3	0	EDU 211 Educational Psychology	0	3
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2310 or 2320 Early or Modern World Lit	0	3
MATH 1130 or 1530	3	0	HIST 2010, 2020 Early, Modern United States History	3	3
COMM 2025 Fundamentals of Communication	0	3	Social/Behavioral Science Electives	3	3
Humanities/Fine Arts Elective ²	0	3	FREN/GERM/SPAN 2010, 2020	3	3
Natural Science	4	4	Humanities/Fine Arts Elective ²	3	0
Electives ¹	4	0	Electives ¹	3	0
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY SECONDARY EDUCATION (6-12 LICENSURE) - BACHELOR OF SCIENCE IN EDUCATION DEGREE

Advisor: College of Education Student Success Center
T.J. Farr 202, Phone: (931) 372-6036

Junior Year	F	SP	Senior Year	F	SP
CUED 4150 Middle Level Curriculum	3	0	SEED 4871 Residency I	5	0
ENGL 2400, 3250, 4411, 4511, 4521, 4531, 4541 or any upper-division English writing course, Linguistics, Grammar, or History of English Language	3	0	SEED 4872 Professional Seminar I	5	0
ENGL 3810, 3820 British Literature I, II	6	0	SEED 4881 Residency II	10	0
ENGL 3910, 3920 American Literature I, II	6	0	SEED 4882 Professional Seminar II	2	0
ENGL 4121 Shakespeare	3	0	SPED 3000 Teaching Persons with Disabilities in the Regular Classroom	3	0
ENGL 4751, 4712, 4713, ENGL 4700 or ENGL literature upper-division elective	3	0			
ESLP 3100 ESL Pedagogy: Secondary Education Methodology and Materials	1	0			
FOED 3010 Integrating Instructional Technology	3	0			
FOED 3820 Field Experiences in Education	2	0			
READ 3350 Teaching Reading in the Content Area	3	0			
READ 4411 The Reading-Writing Connection	3	0			
READ 4570 Bks. & Rel. Mat. Adol./Adult	3	0			
SEED 4120 Material & Methods of Teaching English	3	0			
Total	42	0	Total	25	0

¹Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Must be selected from the General Education requirements in the Roane State catalog and the TTU course equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

SECONDARY EDUCATION (6-12 LICENSURE) MATHEMATICS

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE - SECONDARY EDUCATION

Freshman Year	F	SP	Sophomore Year	F	SP
EDU 101 Introduction to Teaching Profession	3	0	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
MATH 1910, 1920 Calculus I, II	4	4	ENGL 2110 or 2120 Early or Modern American Lit3		0
Humanities/Fine Arts Elective	0	3	HIST 2010, 2020 Early, Modern United States History	3	3
Natural Science Elective	4	4	Social/Behavioral Science Electives	3	3
	0	1	MATH 2010 Introduction to Algebra	3	0
			MATH 2110 Calculus III	4	0
			MATH 2120 Differential Equations	0	3
			COMM 2025 Fundamentals of Communication	0	3
			Humanities/Fine Arts Elective	0	3
Total	14	15	Total	16	15

TENNESSEE TECHNOLOGICAL UNIVERSITY SECONDARY EDUCATION (6-12 LICENSURE) - BACHELOR OF SCIENCE IN EDUCATION DEGREE

Advisor: College of Education Student Success Center

T.J. Farr 202, Phone: (931) 372-6036

Junior Year		Senior Year		
ESLP 3100 ESL Pedagogy: Secondary Education Methodology and Materials	1	SEED 4871 Residency I		5
FOED 3010 Integrating Instructional Technology	3	SEED 4872 Professional Seminar I		5
FOED 3820 Field Experiences in Education	2	SEED 4881 Residency II		10
MATH 3070 Statistical Methods I	3	SEED 4882 Professional Seminar II		2
MATH 3400 Intro to Concepts of Math	3	SEED 4322 Teaching Algebra in Middle/High School		3
MATH 3430 College Geometry	3	SPED 3000 Teaching Persons with Disabilities in the Regular Classroom		3
MATH 4010, 4050, 4350, or 4360	3			
MATH 4210 Numerical Analysis I	3			
MATH 4610 or 4620	3			
READ 3350 Teaching Reading in Content Area	3			
SEED 4122 Material & Methods of Teaching Math	3			
SEED 4422 Teaching Secondary Mathematics Using Technology	3			
Total	33	Total		28

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

SECONDARY EDUCATION (6-12 LICENSURE) SOCIAL STUDIES OPTION: HISTORY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE - SECONDARY EDUCATION

Freshman Year	F	SP	Sophomore Year	F	SP
EDU 101 Intro to Teaching Profession	3	0	EDU 211 Educational Psychology	0	3
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
HIST 2320 Modern World History	0	3	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
HIST 2010, 2020 Early, Modern United States History	3	3	ENGL 2110 or 2120 Early or Modern American Lit	3	0
MATH 1130 or 1530	3	0	PSYC 1030 Introduction to Psychology	0	3
Natural Science	4	4	HIST 2310, 2320 Early World, Modern World	3	3
Elective	0	1	HIST 2210, 2220 Early Western, Modern Civ	3	3
			COMM 2025 Fundamentals of Communication	3	0
			POLS 1030 American Government	3	0
			Humanities/Fine Arts Elective	0	3
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY SECONDARY EDUCATION (6-12 LICENSURE) - BACHELOR OF SCIENCE IN EDUCATION DEGREE

Advisor: College of Education Student Success Center
T.J. Farr 202, Phone: (931) 372-6036

Junior Year		Senior Year		
ESLP 3100 ESL Pedagogy: Secondary Education Methodology and Materials	1	SEED 4871 Residency I		5
FOED 3010 Integrating Instructional Technology	3	SEED 4872 Professional Seminar I		5
FOED 3820 Field Experiences in Education	2	SEED 4881 Residency II		10
GEOG 1012 Cultural Geography	3	SEED 4882 Professional Seminar II		2
HIST 3100 Tennessee Topics	3	SPED 3000 Teaching Persons with Disabilities in the Regular Classroom		3
HIST 4710, 4730, 4740, 4750, or 4790-4799	6			
HIST Upper Division Electives	9			
READ 3350 Teaching Reading in Content Area	3			
SEED 4124 Materials & Methods of Teaching Social Studies	3			
Electives from POLS, GEOG	6			
Total	39	Total		25

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

EXERCISE SCIENCE

Sport Administration Concentration

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	COMM 2025 Fundamentals of Communication	0	3
BIOL 1110, 1120 General Biology I, II	4	4	ECON 2210, 2200		
PSYC 1030 Introduction to Psychology	0	3	Principles of Macro, Microeconomics	3	3
HEA 221 Safety, First Aid, and CPR	0	3	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
HEA 227 Intro to Exercise Science	0	3	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
MATH 1130 or 1530	3	0	ENGL 2110 or 2120 Early or Modern American Lit	0	3
Elective ¹	1	0	HEA 225 Care & Prevention of Athletic Injuries	3	0
Social/Behavioral Science Elective	3	0	HIST 2010, 2020 Survey of Early, Modern United States History	3	3
			Humanities/Fine Arts Electives ²	3	3
			Elective	3	0
Total	14	16	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
EXERCISE SCIENCE - BACHELOR OF SCIENCE DEGREE

Advisor: College of Education Student Success Center

T.J. Farr 202, Phone: (931) 372-6036

Junior Year		Senior Year	
ACCT 3720 Survey of Accounting	3	EXPW 4171 Exercise & Sport Psychology	3
BMGT 3510 Management and Organization Behavior	3	EXPW 4520 Adapted Physical Activity & Sport or Guided Elective	3
EXPW 2160 Drug Use and Abuse	3	EXPW 4530 Organization and Administration of Interscholar Athletics	3
EXPW 2170 Intro to Sport Management	3	EXPW 4540 Ethical Issues in Sports	3
EXPW 2200 Leadership Development in Exercise and Sports	3	EXPW 4550 Sport Governance	3
EXPW 3170 Motor Learning	3	EXPW 4560 Facility Planning & Mgmt	3
EXPW 3310 Professional Preparation	1	EXPW 4570 Fundraising/Revenue Generation in Sport	3
EXPW 3410 Lifespan Motor Development or Guided Elective	3	EXPW 4580 Current Issues in Sport Management	3
FIN 3210 Principles of Managerial Finance	3	EXPW 4810 Field Experience	3
HIST 4470-4479 Sport Studies	3	LAW 2810 Business Legal Environment of Ethics	3
MKT 3400 Principles of Marketing	3	PHED 1002 Physical Fitness Test	0
PHED 1002 Physical Fitness Test	0		
Total	31	Total	30

¹Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table
www.tntech.edu/admissions/undergraduate/transfer/transfercrredit.php.

²Select from HIST 2310, HIST 2320; PHIL 1030; MUS 1030; ART 1035; ENGL 2210, 2220, 2310 or 2320; THEA 1030.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

EXERCISE SCIENCE

Fitness and Wellness

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	BIOL 2010, 2020 Human Anatomy & Physiology I, II	4	4
HEA 131 Elementary Nutrition	0	2	HEA 227 Intro to Exercise Science	3	0
MATH 1530 Introductory Statistics	3	0	HIST 2010, 2020 Survey of Early, Modern United States History	3	3
PSYC 1030 Introduction to Psychology	0	3	COMM 2025 Fundamentals of Communication	0	3
BIOL 1110, 1120 General Biology I, II	4	4	Social/Behavioral Science Elective ³	0	3
HEA 221 Safety, First Aid, and CPR	0	3	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
Electives ¹	5	0	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
			ENGL 2110 or 2120 Early or Modern American Lit	0	3
			Humanities/Fine Arts Electives ²	3	3
Total	15	15	Total	16	14

TENNESSEE TECHNOLOGICAL UNIVERSITY
EXERCISE SCIENCE (FITNESS AND WELLNESS) - BACHELOR OF SCIENCE DEGREE

Advisor: College of Education Student Success Center
T.J. Farr 202, Phone: (931) 372-6036

Junior Year	F	SP	Senior Year	F	SP
EXPW 1150 Care & Prevention of Athletic Injuries	3	3	BMGT 3510 Management of Organizational Behavior	3	3
EXPW 2150 Human Sexuality	3	3	EXPW 4440 Physiology of Exercise	3	3
EXPW 2160 Drug Use and Abuse	3	3	EXPW 4520 Adapted Physical Activity and Sport	3	3
EXPW 2200 Leadership Development in Exercise and Sport	3	3	EXPW 4171 Exercise & Sport Psychology	3	3
EXPW 2900 Structural Anatomy	3	3	EXPW 4730 Assessment & Evaluation in Exercise Science	3	3
EXPW 3032 Exercise Prescription for Fitness and Wellness	3	3	EXPW 4760 Functional Movement	3	3
EXPW 3170 Motor Learning	3	3	EXPW 4810 Field Experience	3	3
EXPW 3310 Professional Preparation	1	3	EXPW 4032 Training for Performance	3	3
EXPW 3410 Lifespan Motor Development	3	3	EXPW 4042 Health Promotion	3	3
EXPW 4420 Kinesiology	3	3	EXPW 4900 Research Methods in Exercise Science	3	3
PHED 1002 Physical Fitness Test	0	3	PHED 1002 Physical Fitness Test	0	3
Electives	2	3			
Total	30	30	Total	30	30

¹Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

EXERCISE SCIENCE

Pre-Occupational Therapy Concentration

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
HEA 201	Principles of Nutrition	0	3	BIOL 2010, 2020	Human Anatomy & Physiology I, II	4	4
ENGL 1010, 1020	Composition I, II	3	3	ENGL 2310 or 2320	Early or Modern World Lit	OR	
SOCI 1010	Introduction to Sociology	0	3	ENGL 2210 or 2220	Early or Modern British Lit	OR	
MATH 1530	Introductory Statistics	3	0	ENGL 2110 or 2120	Early or Modern American Lit	0	3
MATH 1130	College Algebra	0	3	Humanities/Fine Arts Electives ¹		3	3
PSYC 1030	Introduction to Psychology	3	0	COMM 2025	Fundamentals of Communication	0	3
Directed Electives ²		4	4	HEA 227	Intro to Exercise Science	3	0
				HIST 2010, 2020	Early, Modern United States History	3	3
				Directed Elective		3	0
	Total	13	16	Total		16	16

TENNESSEE TECHNOLOGICAL UNIVERSITY
EXERCISE SCIENCE - BACHELOR OF SCIENCE DEGREE

Advisor: College of Education Student Success Center

T.J. Farr 202, Phone: (931) 372-6036

Junior Year			Senior Year		
EXPW 1120	Intro to Occupational Therapy	1	EXPW 4171	Exercise & Sport Psychology	3
EXPW 1150	Care & Prevention of Athletic Injuries	3	EXPW 4420	Kinesiology	3
EXPW 2130 or 2015		3	EXPW 4520	Adapted Physical Activity and Sport	3
EXPW 2430	First Aid, Safety, & CPR	2	EXPW 4730	Assessment & Evaluation in Exercise Science	3
EXPW 2900	Structural Anatomy	3	EXPW 4820	Field Experience	3
EXPW 3032	Exercise Prescription for Fitness and Wellness	3	EXPW 4440	Physiology of Exercise	3
EXPW 3170	Motor Learning	3	EXPW 4900	Research Methods in Exercise Science	3
EXPW 3310	Professional Preparation	1	PHED 1002	Physical Fitness Test	0
EXPW 3550	Support and Services for Persons with Physical Impairments	3	Directed Electives		8
PHED 1002	Physical Fitness Test	0			
Directed Electives		8			
	Total	30	Total		29

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Directed Electives: BIOL 1110, BIOL 1120, CHEM 1110, CHEM 1120, PHYS 2010, PHYS 2020 or PSYC 2130.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

EXERCISE SCIENCE

Pre-Physical Therapy

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
MATH 1530 Introductory Statistics	3	0	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
MATH 1730 Pre-Calculus	0	4	ENGL 2110 or 2120 Early or Modern American Lit	0	3
SOCI 1010 Introduction to Sociology	0	3	COMM 2025 Fundamentals of Communication	0	3
Humanities/Fine Arts Elective ¹	3	0	HEA 131 Elementary Nutrition	0	2
PSYC 1030 Introduction to Psychology	3	0	BIOL 2010, 2020 Anatomy & Physiology I, II	4	4
HEA 221 Safety, First Aid and CPR	0	3	HIST 2010, 2020 Early, Modern United States		
HEA 227 Intro to Exercise Science	0	2	History	3	3
Directed Elective ²	4	0	Humanities/ Fine Arts Elective ¹	3	0
			Directed Elective ²	4	0
Total	16	15	Total	14	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

EXERCISE SCIENCE (PRE-PHYSICAL THERAPY) - BACHELOR OF SCIENCE DEGREE

Advisor: College of Education Student Success Center

T.J. Farr 202, Phone: (931) 372-6036

Junior Year		Senior Year	
EXPW 1130 Introduction to Physical Therapy	1	EXPW 3550 Support and Services for Persons with Physical Impairments	3
EXPW 1150 Care & Prevention of Athletic Injuries	3	EXPW 4171 Exercise and Sport Psychology	3
EXPW 2900 Structural Anatomy	3	EXPW 4440 Physiology of Exercise	3
EXPW 3032 Exercise Prescription for Fitness and Wellness	3	EXPW 4520 Adapted Physical Activity and Sport	3
EXPW 3170 Motor Learning	3	EXPW 4730 Assessment & Evaluation in Physical Education	3
EXPW 3310 Professional Preparation	1	EXPW 4760 or 4032	3
EXPW 4420 Kinesiology	3	EXPW 4900 Research Methods in Exercise Science	3
EXPW 4820 Field Experience	3	PHED 1002 Physical Fitness Test	0
PHED 1002 Physical Fitness Test	0	Directed Electives	10
Directed Electives	10		
Total	30	Total	31

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Directed Electives: BIOL 1110, 1120, CHEM 1110, CHEM 1120; PHYS 2010, PHYS 2020 or PSY 2130.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

PSYCHOLOGY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
BIOL 1110, 1120	General Biology I, II	4	4	ENGL 2310 or 2320	Early or Modern World Lit	OR	
COLS 1010	Study, Organize, Succeed	3	0	ENGL 2210 or 2220	Early or Modern British Lit	OR	
COMM 2025	Fundamentals of Comm	0	3	ENGL 2110 or 2120	Early or Modern American Lit	0	3
ENGL 1010, 1020	Composition I, II	3	3	HIST 2010, 2020	Early, Modern United States		
MATH 1530 OR 1130		3	0		History	3	3
Humanities/Fine Arts Elective ¹		0	3	Humanities/ Fine Arts Elective ¹		3	0
PSYC 1030	Introduction to Psychology	3	0	Psychology Electives ³		3	0
Elective ²		0	3	PSYC 2130	Lifespan Development Psychology	0	3
					Social/Behavioral Science Elective ¹	0	3
					Elective ²	4	3
	Total	16	16		Total	13	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
 PSYCHOLOGY - BACHELOR OF SCIENCE DEGREE
 Advisor: College of Education Student Success Center
 T.J. Farr 202, Phone: (931) 372-6036

Junior Year			Senior Year		
PSY 3010	Statistics and Experimental Design	3	PSY 4130	Brain & Behavior	3
PSY 3020	Information Literacy in Psychology	3	PSY 4930, 4931	Senior Thesis I, I	6
PSY 3110	Experimental Psychology	4	Psychology Elective (Upper Division)		12
PSY 4050	Learning & Cognition	3	Electives		9
PSY 4150 or 4160		3			
Electives		14			
	Total	30		Total	30

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

³Choose a course from the following: PSYC 2110 Psychology of Adjustment, PSYC 2120 Social Psychology, and EDU 211 Educational Psychology.

***Research strand:** designated psychological sciences research courses must be taken in sequence and may not be taken in the same semester. Only PSY 3010 is offered in the summer term. The remainder of courses are offered in fall/spring only.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

COLLEGE OF ENGINEERING

CHEMICAL ENGINEERING

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
CHEM 1110, 1120 General Chemistry I, II	4	4	CHEM 2010, 2020 Organic Chemistry	4	4
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
MATH 1910, 1920 Calculus I, II	4	4	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
COMM 2025 Fundamentals of Communication ³	3	0	ENGL 2110 or 2120 Early or Modern American Lit 0		3
Social/Behavioral Science Electives ¹	3	3	MATH 2120 Differential Equations	0	3
			MATH 2110 Calculus III	4	0
			PHYS 2110, 2120 Calculus-Based Physics I, II	4	4
			Humanities/Fine Arts Electives ¹	3	3
			HIST 2210, 2220 Survey of Western Civ I, II <u>OR</u>		
			HIST 2310, 2320 Survey of World History I, II <u>OR</u>		
			HIST 2010 or 2020 or 2030 ²	3	3
Total	17	14	Total	18	20

TENNESSEE TECHNOLOGICAL UNIVERSITY CHEMICAL ENGINEERING - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Robby Sanders, Department Chairperson

Prescott Hall 214, Phone: (931) 372-3297

(Recommend the advisor be contacted prior to transfer.)

Junior Year ³	Senior Year		
CHE 1020 Process, Products and Ethics	1	CHE 4050, 4051 Transfer Science III: Diffusion and Convection Mass Transfer	4
CHE 2015, 2020 Introduction to Chemical and Biological Process Analysis and Scaling I, II	6	CHE 4060, 4061 Chemical Reaction Engineering	4
CHE 3010 Thermodynamics of Chem Processes	3	CHE 4250 ChE Capstone Lab	2
CHE 3510, 3511 Separations & Sol Thermodynamics	4	CHE 4540 Process Dynamics & Controls	3
CHE 3050, 3051 Transfer Science I: Conduction	4	CHE 4410 Process Design I	3
CHE 3550, 3551 Transfer Science II: Fluid Mechanics	4	CHE 4420 Process Design II	3
CHE 3735 Chemical Engineering Operations	2	ChE Technical Electives ⁵	6
ENGR 1120 Programming for Engineers	2	CHEM 3510, 3520 Physical Chemistry	8
Technical Electives ⁴	6		
Total	32	Total	33

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Six hours of history are not required for the Bachelor of Science degree in Chemical Engineering but required for RSCC Associate Degree.

³Students must apply to the CHE Fast-Track MS program by the end of their second junior term.

⁴Six hours of Technical Electives can be from any of the following courses:

- Any College of Engineering course at the 3000 or 4000 level.
- Any BIOL/CHEM/ESS/MATH/PHYS at the 3000 or 4000 level.
- Any course with the prior approval of the ChE Undergraduate Program Coordinator.

⁵Six hours of ChE Technical Electives must come from two of the following courses:

- ChE 4245 – Clinical Immersion
- ChE 4330 – Polymer Engineering
- ChE 4335 – Fuel Cells
- ChE 4340 – Introduction to Rheology
- ChE 4440 – Protein Engineering
- ChE 4550 – Green Engineering
- ChE 4560 – Agile Manufacturing
- ChE 4661 – Transport in Biochemical & Biological Processes
- ChE 4973 – Special Topics in Chemical Engineering
- ChE 4990 – Undergraduate Research

In order to transfer into the Chemical Engineering Department, a student must have at least a 2.0 GPA according to the TTU Transfer Evaluations.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

COMPUTER SCIENCE

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	CISP 1010, 1020 Computer Science I, II	4	4
MATH 1910, 1920 Calculus I, II	4	4	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
Natural Science Sequence ³	4	4	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
Social/Behavioral Science Electives ¹	3	3	ENGL 2110 or 2120 Early or Modern American Lit 0		3
			HIST 2010, 2020 Early, Modern United States		
			History	3	3
			MATH 2010 Linear Algebra	3	0
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Electives ¹	3	3
			Elective ²	0	3
Total	14	14	Total	16	16

TENNESSEE TECHNOLOGICAL UNIVERSITY

COMPUTER SCIENCE: INFORMATION ASSURANCE & CYBER-SECURITY - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Jerry Gannod, Department Chairperson

Bruner Hall 244B, Phone: (931) 372-3691

Junior Year		3	Senior Year		3
CSC 2700	Discrete Structures for CSC	3	CSC 4100	Operating Systems	3
CSC 2310	Object-Oriented Programming and Design	4	CSC 4200	Computer Networks	3
CSC 2400	Design of Algorithms	3	CSC 4320	Computer Architecture	3
CSC 2510	Intro to DevOps with Unix	3	CSC 3570	IT Security	3
CSC 2570	Intro to Cybersecurity and Privacy	3	CSC 4575	Information Assurance and Cryptography	3
CSC 2770	Intro to Systems and Networking	3	CSC 4585	Software and Systems Security	3
CSC 3710	Foundations of Computer Science	3	CSC 4610, 4615	Software Engineering I, II	5
CSC 3040	Professionalism, Communication and Research in Computing	3	MATH 3070 or 3470		3
CSC 3300	Database Management Systems	3	CSC Elective		3
CSC 3410	Computer Organization and Assembly Language Programming	3			
Total		31	Total		29

¹Must be selected from the General Education requirements on page 40 of the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

³Take a least one sequence from BIOL 1113-1123, BIOL 1113-2310, CHEM 1110-1120, GEOL 1040-1045, PHYS 2010-2020 or PHYS 2110-2120.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

COLLEGE OF INTERDISCIPLINARY STUDIES

COMMUNICATION

COMMUNICATION STUDIES CONCENTRATION

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	MCOM 1010 Survey of Mass Communications	0	3
COMM 2025 Fundamentals of Communication	0	3	MCOM 1020 Introduction to Media Writing	3	0
General Education MATH	3	0	HIST 2010, 2020 Early, Modern United States History	3	3
Natural Science	4	4	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
Social/Behavioral Science Elective ¹	3	0	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
Humanities/Fine Arts Electives ¹	3	3	ENGL 2110 or 2120 Early or Modern American Lit	0	3
Electives ²	0	3	Social/Behavioral Science Elective ¹	0	3
			Electives ²	9	1
Total	16	16	Total	15	13

TENNESSEE TECHNOLOGICAL UNIVERSITY

COMMUNICATION (COMMUNICATION STUDIES) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Scott Christen, Department Chairperson, Communication Department
Roaden University Center 376, Phone: (931) 372-3060

Junior Year		Senior Year	
COMM 1020 Survey of Communication Studies	3	COMM 4620 Advanced Public Speaking	3
COMM 2075 Organizational Communication	3	COMM 4630 Persuasion	3
COMM 2090 Interpersonal Communication	3	Communication Theory Elective ³	6
COMM 3100 Communication Theory	3	Communication Application Elective ³	6
JOUR 3770 Law of Journalism	3	Electives ⁴	6
COMM 3630 Discussion & Parliamentary Procedure	3		
Communication Theory Elective ³	6		
COMM 3200 Research Methods in Communication	3		
COMM 3620 Intercultural Communication	3		
Mass Communication Application Elective ³	3		
Total	36	Total	24

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

³See 2023-24 Undergraduate Catalog at www.tntech.edu/uccatalog/home for a selection of Communication Application, Communication Theory and Mass Communication Application elective courses.

⁴Elective courses to be selected in consultation with academic advisor.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

COMMUNICATION - JOURNALISM CONCENTRATION

News Editorial Option

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	MCOM 1010 Survey of Mass Communications	0	3
COMM 2025 Fundamentals of Communication	0	3	MCOM 1020 Introduction to Media Writing	3	0
General Education MATH	3	0	HIST 2010, 2020 Early, Modern United States History	3	3
Natural Science	4	4	POLS 1030 American Government	3	0
SOCI 1010 Intro to Sociology	3	0	ENGL 2310 or 2320 Early or Modern World Lit	3	0
Humanities/Fine Arts Electives ¹	3	3	PSYC 1030 Introduction to Psychology	0	3
Electives ²	0	3	Electives ²	1	0
			Sociology Elective	3	3
Total	16	16	Total	16	12

TENNESSEE TECHNOLOGICAL UNIVERSITY

COMMUNICATION (JOURNALISM CONCENTRATION) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Scott Christen, Department Chairperson, Communication Department

Roaden University Center 376, Phone: (931) 372-3060

Junior Year		Senior Year	
JOUR 3350 Newspaper Production and Design	3	Emphasis Area Courses ³	6
COMM 2090 Interpersonal Communication	3	COMM 3100 Communication Theory	3
JOUR 3370 Photojournalism or		COMM 3200 Research Methods in Communication	3
JOUR 3400 Intro to Broadcasting or		JOUR 3740 Advertising Copy and Layout	3
JOUR 3500 Multimedia Storytelling	3	JOUR 3750 History of Journalism	3
JOUR 3460 Introduction to Public Relations	3	JOUR 3770 Law of Journalism	3
Emphasis Area Courses ³	6	JOUR 4360 Magazine Production and Design	3
COMM 3620 Intercultural Communication	3	JOUR 4820 Advanced Reporting	3
GEOG 1012 Cultural Geography	3	JOUR 4930 Advanced Copy Editing	3
SOC Elective	3	JOUR 4710 Literary Journalism or	
		JOUR 4830 Feature Writing	3
Total	30	Total	33

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

³See 2023-24 Undergraduate Catalog at www.tntech.edu/uccatalog/home for a selection of emphasis courses.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

COMMUNICATION - JOURNALISM CONCENTRATION

Public Relations Option

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	MCOM 1010 Survey of Mass Communications	0	3
COMM 2025 Fundamentals of Communication	0	3	MCOM 1020 Introduction to Media Writing	3	0
General Education MATH	3	0	HIST 2010, 2020 Early, Modern United States History	3	3
Natural Science	4	4	ENGL 2310 or 2320 Early or Modern World Lit	3	0
SOCI 1010 Intro to Sociology	3	0	PSYC 1030 Introduction to Psychology	0	3
Humanities/Fine Arts Electives ¹	3	3	Electives ²	1	0
Electives ²	0	3			
Total	16	16	Total	10	9

TENNESSEE TECHNOLOGICAL UNIVERSITY
 COMMUNICATION (JOURNALISM) - BACHELOR OF SCIENCE DEGREE
 Advisor: Dr. Scott Christen, Department Chairperson, Communication Department
 Roaden University Center 376, Phone: (931) 372-3060

Junior Year		F	SP	Senior Year	F	SP
JOUR 3350 Newspaper Production and Design		3	3	JOUR 3750 History of Journalism	3	3
JOUR 3460 Introduction to Public Relations		3	3	JOUR 4820 Advanced Reporting	3	3
GEOG 1012 Cultural Geography		3	3	PSY 3410 Group Dynamics	3	3
JOUR 3740 Advertising Copy and Layout		3	3	JOUR 4360 Magazine Production and Design	3	3
COMM 2090 Interpersonal Communication		3	3	JOUR 4460 Public Relations-Cases and Practices	3	3
JOUR 3370 Photojournalism or				Emphasis Area Courses ³	6	6
JOUR 3400 Intro to Broadcasting or				JOUR 4710 Literary Journalism or		
JOUR 3500 Multimedia Storytelling		3	3	JOUR 4830 Feature Writing	3	3
BMGT 3510 Management & Organizational Behavior		3	3	JOUR 4930 Advanced Copy Editing	3	3
COMM 3100 Communication Theory		3	3			
COMM 3620 Intercultural Communication		3	3			
Emphasis Area Courses ³			6			
COMM 3200 Research Methods in Communication		3	3			
JOUR 3470 Public Relations Writing		3	3			
JOUR 3770 Law of Journalism		3	3			
Total			42	Total		27

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

³See 2023-24 Undergraduate Catalog at www.tntech.edu/uccatalog/home for a selection of emphasis courses.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

INTERDISCIPLINARY STUDIES (B.S.) (LIST)

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	PSYC 1030 Introduction to Psychology	3	0
HIST 2010, 2020 Early, Modern United States History	3	3	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
General Education MATH	3	0	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
Natural Science ¹	4	4	ENGL 2110 or 2120 Early or Modern American Lit	0	3
Humanities/Fine Arts Elective ¹	3	3	ECON 2200 Principles of Microeconomics	0	3
Elective ²	0	3	SOCI 1010 Introduction to Sociology	0	3
			COMM 2025 Fundamentals of Communication	3	0
			Electives ²	7	6
Total	16	16	Total	13	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
 INTERDISCIPLINARY STUDIES - BACHELOR OF SCIENCE
 Jeannie Smith, Student Success Center Director
 Southwest Hall 146, Phone (931) 372-6238

Junior Year	F	SP	Senior Year	F	SP
Emphasis Area credits (3000-4000 level courses)	12	12	Emphasis Area credits	12	12
Electives credits (3000-4000 level)	17	17	Electives credits	15	15
LIST 4994 Introduction to Capstone	1	1	LIST or PRST 4995	3	3
Total	30	30	Total	30	30

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

The BS/LIST degree requires a minimum of 120 hours. Students without an Associate's degree may need to take electives or prerequisite credits.

DEGREE REQUIREMENTS

Students holding an A.S., A.A. and A.A.S. degrees: The B.S. degree requires a minimum of 120 hours, 60 hours must transfer as an A.S., A.A. or A.A. S. degree, and **50 hours minimum must be taken at a four-year institution.** Students must have a minimum of 45 hours at the 3000 or 4000 level with at least 12 of these hours at the 4000 level. To meet residence requirements, a student must complete 30 hours, including 24 of the last 30 hours of 3000 and 4000 level courses, at TTU.

PREREQUISITE REQUIREMENTS

Students holding A.A.S. degrees: The general education requirements for TTU must be met, some of which are included in the degree plan above. In addition, if these requirements were not included in the A.A.S. degree, they must be taken: English Composition, 3 hours; Oral Communication (speech-based), 3 hours; Math, 3 hours (requiring 2 years of Algebra and 1 year of Geometry in high school); Humanities/Fine Arts, 3 hours; Social/Behavioral Sciences, 6 hours; and Natural Sciences, 8 hours.

Students holding A.S. or A.A. degrees: The general education requirements for TTU must be met.

INTERDISCIPLINARY STUDIES (B.S.) (LIST)ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF APPLIED SCIENCE
Environmental Health Technology

Freshman Year		F	SP	Sophomore Year		F	SP
BIOL 1110	General Biology I	4	0	CHEM 1110, 1120	General Chemistry I, II	4	4
BIOL 1120 or BIOL 2530 or BIOL 1520		0	4	ENGL 1020	Composition II	0	3
BIOL 1510	Environmental Science I	0	3	EHTC 2301	Environmental Law	3	0
COLS 1010	Study, Organize, Succeed	3	0	EHTC 2310	Environmental Instrumentation	3	0
ENGL 1010	Composition I	3	0	EHTC 2320	Industrial Hygiene and Safety II	3	0
EHTC 1300	Waste Management and Pollution Prevention	3	0	EHTC 2311	Safety and Emergency Response	0	3
EHTC 1301	Industrial Higiene and Safety I	0	3	EHTC 2315	Applied Radiological Control Tech	0	3
COMM 2025	Fundamentals of Communication	0	3	GEOL 1040	Physical Geology	4	0
MATH 1530	Introductory Statistics	3	0	SOCI 1010	Introduction to Sociology	0	3
MUS 1030 or Humanities/Fine Arts Elective		0	3				
	Total	16	16		Total	17	16

TENNESSEE TECHNOLOGICAL UNIVERSITY
INTERDISCIPLINARY STUDIES - BACHELOR OF SCIENCE
Jeannie Smith, Student Success Center Director
Southwest Hall 146, Phone (931) 372-6238

Junior Year			Senior Year		
ESS 1100	Intro to Environmental Studies	3	BMGT 3520	Business Communications	3
ESS 3100	Global Sustainability Issues and Initiatives	3	ESS 3000	Intro to Environmental Law or Social/Behavioral Science Elective	3
ESS 4091, 4092 or 4093		3	ESS 3200	Nonprofit Organizations and the Environment	3
ESS 4300	Environ Mgt System	3	ESS 3710	Chemistry and the Environment	3
LIST 3100	Critical Thinking/Problem Solving	3	ESS 4110	Human Dimensions of Nat Resources	3
LIST 3215	Intro to Project Mgt Expect & Methodologies	3	GEOG 4510	Theory of GIS I	3
LIST 4220	Project Mgt: Process and Develop Strategies	3	LIST 3410	Team Bldg/Workplace Dynamics	3
LIST 4710	Workplace Conflict/Resolution	3	LIST 4250	Project Mgt: Schedule and Finance	3
LIST 4850	Ethics & Leadership	3	LIST 4260	Project Mgt: Risk Mitigation, Assess and Quality	3
RELS 2010	Intro to Religious Studies	3	LIST 4994	Introduction to Capstone	1
			LIST 4995	Culminating Project	3
	Total	30		Total	30

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

The BS/LIST degree requires a minimum of 120 hours. Students without an Associate's degree may need to take electives or prerequisite credits.

DEGREE REQUIREMENTS

Students holding an A.S., A.A. and A.A.S. degrees: The B.S. degree requires a minimum of 120 hours, 60 hours must transfer as an A.S., A.A. or A.A. S. degree, and **50 hours minimum must be taken at a four-year institution.** Students must have a minimum of 45 hours at the 3000 or 4000 level with at least 12 of these hours at the 4000 level. To meet residence requirements, a student must complete 30 hours, including 24 of the last 30 hours of 3000 and 4000 level courses, at TTU.

PREREQUISITE REQUIREMENTS

Students holding A.A.S. degrees: The general education requirements for TTU must be met, some of which are included in the degree plan above. In addition, if these requirements were not included in the A.A.S. degree, they must be taken: English Composition, 3 hours; Oral Communication (speech-based), 3 hours; Math, 3 hours (requiring 2 years of Algebra and 1 year of Geometry in high school); Humanities/Fine Arts, 3 hours; Social/Behavioral Sciences, 6 hours; and Natural Sciences, 8 hours.

INTERDISCIPLINARY STUDIES (B.S.) (LIST)

8/22/23

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF APPLIED SCIENCE
Contemporary Management

Freshman Year	F	SP	Sophomore Year	F	SP
COLS 1010 Study, Organize, Succeed	3	0	BUSN 2399 Management Seminar ²	0	3
ENGL 1010 Composition I	3	0	CHEM 1010 or 1110	0	4
MGT 200 Foundations of Business	4	0	ENGL 1020 Composition II	3	0
MGT 201 Management of Concepts	4	0	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
MGT 203 Human Resource Management	4	0	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
MGT 205 Marketing in the Global Econ	0	4	ENGL 2110 or 2120 Early or Modern American Lit	0	3
MGT 206 Applied Economics	0	4	HIST 2010, 2020 Early, Modern United States		
MGT 207 Managerial Accounting & Fin	0	4	History	3	3
COMM 2025 Fundamentals of Communication	0	3	MATH 1010 Math for General Studies	3	0
			MUS 1030 or Humanities/Fine Arts Elective ¹	0	3
			SOCI 1010 Introduction to Sociology	3	0
			Computer Elective	3	0
Total	18	15	Total	15	16

TENNESSEE TECHNOLOGICAL UNIVERSITY INTERDISCIPLINARY STUDIES - BACHELOR OF SCIENCE

Jeannie Smith, Student Success Center Director
Southwest Hall 146, Phone (931) 372-6238

Junior Year	F	SP	Senior Year	F	SP
ESS 1100 Intro to Environmental Studies	3		BMGT 3520 Business Communications		3
ESS 3100 Global Sustainability Issues and Initiatives	3		ESS 3000 Intro to Environmental Law or Social/Behavioral Science Elective		3
ESS 4091, 4092 or 4093	3		ESS 3200 Nonprofit Organizations and the Environment		3
ESS 4300 Environ Mgt System	3		ESS 3710 Chemistry and the Environment		3
LIST 3100 Critical Thinking/Problem Solving	3		ESS 4110 Human Dimensions of Nat Resources		3
LIST 3215 Intro to Project Mgt Expect & Methodologies	3		GEOG 4510 Theory of GIS I		3
LIST 4220 Project Mgt: Process and Develop Strategies	3		LIST 3410 Team Bldg/Workplace Dynamics		3
LIST 4710 Workplace Conflict/Resolution	3		LIST 4250 Project Mgt: Schedule and Finance		3
LIST 4850 Ethics & Leadership	3		LIST 4260 Project Mgt: Risk Mitigation, Assess and Quality		3
RELS 2010 Intro to Religious Studies	3		LIST 4994 Introduction to Capstone		1
			LIST 4995 Culminating Project		3
Total	30		Total		30

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

The BS/LIST degree requires a minimum of 120 hours. Students without an Associate's degree may need to take electives or prerequisite credits.

DEGREE REQUIREMENTS

Students holding an A.S., A.A. and A.A.S. degrees: The B.S. degree requires a minimum of 120 hours, 60 hours must transfer as an A.S., A.A. or A.A. S. degree, and **50 hours minimum must be taken at a four-year institution.** Students must have a minimum of 45 hours at the 3000 or 4000 level with at least 12 of these hours at the 4000 level. To meet residence requirements, a student must complete 30 hours, including 24 of the last 30 hours of 3000 and 4000 level courses, at TTU.

PREREQUISITE REQUIREMENTS

Students holding A.A.S. degrees: The general education requirements for TTU must be met, some of which are included in the degree plan above. In addition, if these requirements were not included in the A.A.S. degree, they must be taken: English Composition, 3 hours; Oral Communication (speech-based), 3 hours; Math, 3 hours (requiring 2 years of Algebra and 1 year of Geometry in high school); Humanities/Fine Arts, 3 hours; Social/Behavioral Sciences, 6 hours; and Natural Sciences, 8 hours.

Students holding A.S. or A.A. degrees: The general education requirements for TTU must be met.

INTERDISCIPLINARY STUDIES (B.S.) (LIST)

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	PSYC 1030 Introduction to Psychology	3	0
HIST 2010, 2020 Early, Modern United States History	3	3	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
General Education MATH	0	3	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
Natural Science ¹	4	4	ENGL 2110 or 2120 Early or Modern American Lit	0	3
Humanities/Fine Arts Elective ¹	3	3	ECON 2200 Principles of Microeconomics	0	3
			SOCI 1010 Introduction to Sociology	0	3
			COMM 2025 Fundamentals of Communication	3	0
			Electives ²	7	6
Total	16	16	Total	13	15

TENNESSEE TECHNOLOGICAL UNIVERSITY INTERDISCIPLINARY STUDIES - BACHELOR OF SCIENCE

Jeannie Smith, Student Success Center Director
Southwest Hall 146, Phone (931) 372-6238

Junior Year		Senior Year	
BMGT 3510 Management & Organization Behavior	3	BMGT 3630 Human Resource Management	3
LIST 4093 Special Topics	3	LIST 3100 Critical Thinking	3
SOC 3300 Occupational Sociology	3	LIST 4200 Personal and Prof Integrity	3
SOC 4430 People in Organizations	3	LIST 4300 Workplace Performance	3
PC 3250 Professional Communication I	3	LIST 4340 Technology for Presentations	3
LIST 4100 Adult Learning	3	LIST 4850 Topics in Org Development	3
LIST 4994 Introduction to Capstone	1	UNIV 4116 Internship	6
Social Science Upper-Division	6	LIST or PRST 4995 Directed Elective	3
Directed Electives Upper Division	5		
Total	30	Total	30

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

The BS/LIST degree requires a minimum of 120 hours. Students without an Associate's degree may need to take electives or prerequisite credits.

DEGREE REQUIREMENTS

Students holding an A.S., A.A. and A.A.S. degrees: The B.S. degree requires a minimum of 120 hours, 60 hours must transfer as an A.S., A.A. or A.A. S. degree, and **50 hours minimum must be taken at a four-year institution.** Students must have a minimum of 45 hours at the 3000 or 4000 level with at least 12 of these hours at the 4000 level. To meet residence requirements, a student must complete 30 hours, including 24 of the last 30 hours of 3000 and 4000 level courses, at TTU.

PREREQUISITE REQUIREMENTS

Students holding A.A.S. degrees: The general education requirements for TTU must be met, some of which are included in the degree plan above. In addition, if these requirements were not included in the A.A.S. degree, they must be taken: English Composition, 3 hours; Oral Communication (speech-based), 3 hours; Math, 3 hours (requiring 2 years of Algebra and 1 year of Geometry in high school); Humanities/Fine Arts, 3 hours; Social/Behavioral Sciences, 6 hours; and Natural Sciences, 8 hours.

Students holding A.S. or A.A. degrees: The general education requirements for TTU must be met.

PROFESSIONAL STUDIES (B.S.) (PRST)ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	INFS 1010 Computer Applications	3	0
HIST 2010, 2020 Early, Modern United States History	3	3	ENGL Literature ¹	3	0
General Education MATH	0	3	Humanities/Fine Arts Elective ¹	0	3
Natural Science ¹	4	4	Electives ²	10	12
Humanities/Fine Arts Elective ¹	0	3	COMM 2025 Fundamentals of Communication	3	0
Total	16	13	Total	16	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
 Jeannie Smith, Student Success Center Director
 Southwest Hall 146, Phone (931) 372-6238

Junior Year		Senior Year	
Professional Core (3000-4000 level courses)	9	Professional Core (3000-4000 level courses)	12
Concentration (3000-4000 level)	15	Electives credits	15
Electives credits (3000-4000 level)	6	PRST 4995 Capstone Project	3
Total	30	Total	30

Available concentrations in Health Administration, Information Technology, Organizational Leadership, or International Organization Leadership, <http://www.tnecampus.info/welcome-tn-ecampusinfo>. This is an online degree program delivered through TN eCampus, <http://www.tnecampus.org>.

The BS/PRST degree requires a minimum of 120 hours. Students without an Associate's degree may need to take electives or prerequisite credits.

DEGREE REQUIREMENTS

Students holding an A.S., A.A. and A.A.S. degrees: The B.S. degree requires a minimum of 120 hours, 60 hours must transfer as an A.S., A.A. or A.A. S. degree, and 50 hours minimum must be taken at a four-year institution. Students must have a minimum of 45 hours at the 3000 or 4000 level. To meet residence requirements, a student must complete 30 hours, including 24 of the last 30 hours of 3000 and 4000 level courses, at TTU.

PREREQUISITE REQUIREMENTS

Students holding A.A.S. degrees: The general education requirements for TTU must be met, some of which are included in the degree plan above. In addition, if these requirements were not included in the A.A.S. degree, they must be taken: English Composition, 3 hours; Oral Communication (speech-based), 3 hours; Math, 3 hours (requiring 2 years of Algebra and 1 year of Geometry in high school); Humanities/Fine Arts, 3 hours; Social/Behavioral Sciences, 6 hours; and Natural Sciences, 8 hours.

Students holding A.S. or A.A. degrees: The general education requirements for TTU must be met.

SCHOOL OF NURSING

NURSING

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF APPLIED SCIENCE

This articulation agreement is designed for the RSCC student who successfully completed the AAS Nursing curriculum at Roane State.

Freshman Year		Sophomore Year			
BIOL 2010, 2020	Anatomy and Physiology I, II	8	NRSNG 1710	Fundamentals of Nursing	7
BIOL 2230	Microbiology	4	NRSNG 1360	Pharmacology in Nursing	3
COMM 2025	Fundamentals of Communication	3	NRSNG 1320	Women's Health and the Childbearing	
ENGL 1010	Composition I	3		Years	3
Humanities/Fine Arts Elective ¹		3	NRSNG 1620	Medical-Surgical Nursin I	6
MATH 1530	Introductory Statistics	3	NRSNG 2630	Medical-Surgical Nursing II	6
PSYC 1030	Introduction to Psychology	3	NRSNG 1330	Pediatric Nursing	3
			NRSNG 1340	Mental Health Nursing	3
			NRSNG 2240	Professional Practice in Nursing	2
			NRSNG 2640	Medical-Surgical Nursing III	6
	Total	27		Total	39

TENNESSEE TECHNOLOGICAL UNIVERSITY
 NURSING - BACHELOR OF SCIENCE DEGREE (RNBSN)
 Advisor: Jamie Gunter
 Nursing and Health Services Building 318, Phone (931) 372-3846

Transition-TTU		
ENGL 1020 ³	English Composition II	3
ENGL 2130, 2235, or 2330 ³		3
Humanities/Fine Arts Elective ⁵		3
HIST 2010, 2020 ³	Early, Modern US History	6
SOC 1010 ³	Introduction to Sociology	3
Elective ⁶		10
	Total	31

Junior Year		Senior Year	
NLN ²	Mobility Profile II Exams		
NURS 3260, 3261 or 3281		NURS 3430	Survey of Pharmacological Aspects
	Health Assessment & Promotion		of Nursing
NURS 3270, 3271, 3250, 3280, 3350, 3361, 3370, 3371,	2-3	NURS 4300	Research in Health Care
4000, 4001, 4100, 4101 ⁴	32	NURS 4350	Health of Communities
NURS 3380	Pathophysiological Processes	NURS 4351	Health of Communities: Lab
	for the Prof. Nurse	NURS 4450	Leadership & Management
NURS 3465	Bridging to Professional Nursing	NURS 4451	Leadership & Management: Lab
	Practice		
	Total		Total
	42		20

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php.

²If conditions of the Tennessee Career Mobility Plan are not met: then NLN Mobility Profile II exams must be successfully completed prior to the end of Fall semester of the junior year.

³Equivalent courses may be taken at Roane State and transferred to TTU.

⁴Credit for required courses NURS 3270, 3271, 3250, 3280, 3350, 3361, 3370, 3371, 4000, 4001, 4100, 4101 (32 hours total) will be awarded after the successful completion of 12 hours of Upper Division nursing course work. Admission to Upper Division Nursing at TTU is not automatic. Enrollment is limited and competitive. Application for Upper Division Nursing must be made directly with the School of Nursing in addition to application to the University. Applications will be available twice per year. Please check the website for specific dates at www.tntech.edu/nursing under "How to Apply".

⁵Courses must be selected from the general education list.

⁶Elective hours needed to meet 120 hour degree requirement.

Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

2023-2024**ARMY ROTC****RESERVE OFFICERS' TRAINING CORPS****OBJECTIVE**

The objective of the Reserve Officers' Training Corps (ROTC) is to prepare selected students to serve as officers in the Army Reserve, Army National Guard, and Active Army.

ENROLLMENT REQUIREMENTS

The general requirements for enrollment in ROTC are:

1. Be a citizen of the United States,
2. Physically and mentally qualified,
3. Accepted by the university as a full-time student,
4. Morally qualified,
5. For non-ROTC scholarship students, complete graduation requirements prior to reaching age 28, and
6. For ROTC scholarship students, complete graduation requirements prior to reaching age 25.

TWO-YEAR ROTC PROGRAMS

There are two options available to students who transfer from institutions without ROTC programs:

Option 1: Students will attend the ROTC Leaders Training Course (LTC) at Fort Knox, Kentucky. (In order to attend LTC, students need the permission of the Professor of Military Science at the school they will attend.) After LTC, students enroll in the ROTC Advanced Course as Military Science (MS) III's and take the MS III courses for two semesters. The following summer, students attend Leader Development and Assessment Course (LDAC). The next school year, they enroll as MS IV's for two semesters and receive a commission as a Second Lieutenant upon graduation.

Option 2: Students who have completed basic training with any military service of the United States, or have attended one of the United States Service Academies for at least one year, will receive credit for the ROTC Basic Course and will not have to attend LTC. These students will begin ROTC as MS III's. They will attend LDAC the following year, enroll as MS IVs and be commissioned upon graduation. Students who have had four years of ROTC in high school can, at the discretion of the Professor of Military Science, be given placement credit for the basic course and will enter as MS III's without attending LTC.

FINANCIAL AID

Students who attend institutions that do not have ROTC are eligible to apply for the ROTC two-year scholarships before attending LTC. The scholarship will pay Fall & Spring Semester tuition, selected fees, and a book allowance. All students enrolled in the ROTC Advance Course and all scholarship students receive a monthly subsistence allowance during the school year. Students are also paid for the period of their attendance at the Leader's Training Course (LTC) and the Leader Development Assessment Course (LDAC).

COMMISSIONING REQUIREMENTS

In order to receive commission, students must Tennessee Tech graduation requirements, complete required ROTC courses, meet the Army height/weight requirements, and pass the Army Physical Fitness Test.

INDEX

(Alphabetized by College)

College of Agriculture and Human Ecology	
School of Agriculture	
Agriculture: Agribusiness Management	1
Agriculture: Agricultural Engineering Technology.....	2
Animal Science: Animal Science Industries.....	3
College of Arts and Sciences	
Department of Biology	
Biology: Botany	4
Biology: Cellular & Molecular	5
Biology: Environmental Biology	6
Biology: Health Science	7
Biology: Marine Biology	8
Biology: Microbiology	9
Biology: Zoology	10
Wildlife and Fisheries Science: Conservation Biology.....	11
Wildlife and Fisheries Science: Fisheries Science	12
Wildlife and Fisheries Science: Wildlife Science	13
Department of Chemistry	
Chemistry: Pure Chemistry.....	14
Department of Sociology and Political Science	
Sociology	15
Sociology: Social Work	16
College of Business	
Department of Decision Sciences and Management	
Accounting	17
Business and Information Technology	18
Business Information Technology: Business Intelligence and Analytics	19
Business Management: General Management	20
Business Management: Human Resource Management	21
Business Management: Operations , Logistics and Supply Chain Management	22
Department of Economics, Finance and Marketing	
Finance	23
Marketing	24
College of Education	
Admission to Teacher Education	25
Department of Counseling and Psychology	
Psychology	35
Department of Curriculum and Instruction	
Elementary Education, K-5 Licensure	26
Secondary Education (7-12): Biology	27
Secondary Education (7-12): English	28
Secondary Education (7-12): Mathematics.....	29
Secondary Education (7-12): History.....	30
Department of Exercise Science	
Exercise Science: Sport Administration	31
Exercise Science: Fitness & Wellness.....	32
Exercise Science: Pre-Occupational Therapy	33
Exercise Science: Pre-Physical Therapy.....	34
College of Engineering	
Department of Chemical Engineering.....	36
Department of Computer Science	
Computer Science: Information Assurance and Cyber-security	37

College of Interdisciplinary Studies
Department of Communication
 Communication: Communication.....38
 Communication: Journalism Concentration (News Editorial Option).....39
 Communication: Journalism Concentration (Public Relations Option)40
School of Interdisciplinary Studies
 Interdisciplinary Studies.....41
School of Professional Studies
 Professional Studies45
Whitson-Hester School of Nursing
 A.A.S. Nursing46
ROTC.47

INDEX

(Alphabetized by Major)

A.A.S. Nursing.....	46
Accounting.....	17
Agriculture: Agribusiness Management.....	1
Agriculture: Agricultural Engineering Technology.....	2
Animal Science: Animal Science Industries.....	3
Biology: Botany.....	4
Biology: Cellular & Molecular.....	5
Biology: Environmental Biology.....	6
Biology: Health Science.....	7
Biology: Marine Biology.....	8
Biology: Microbiology.....	9
Biology: Zoology.....	10
Business and Information Technology.....	18
Business Information Technology: Business Intelligence and Analytics.....	19
Chemistry: Pure Chemistry.....	14
Chemical Engineering.....	36
Communication: Communication.....	38
Communication: Journalism Concentration (News Editorial Option).....	39
Communication: Journalism Concentration (Public Relations Option).....	40
Computer Science: Informational Assurance & Cyber-Security.....	37
Elementary Education, K-5 Licensure.....	26
Finance.....	23
General Management (Business Management).....	20
Exercise Science: Sport Administration Concentration.....	31
Exercise Science: Fitness & Wellness Concentration.....	32
Exercise Science: Pre-Occupational Therapy Concentration.....	33
Exercise Science: Pre-Physical Therapy Concentration.....	34
Human Resource Management (Business Management).....	21
Interdisciplinary Studies.....	41
Marketing.....	24
Operations, Logistics and Supply Chain Management (Business Management).....	22
Professional Studies.....	45
Psychology.....	35
ROTC.....	47
Secondary Education Biology Option (7-12 Licensure).....	27
Secondary Education English (7-12 Licensure).....	28
Secondary Education Mathematics (7-12 Licensure).....	29
Secondary Education Social Studies Option: History (7-12 Licensure).....	30
Sociology.....	15
Sociology: Social Work.....	16
Wildlife and Fisheries Science: Conservation Biology.....	11
Wildlife and Fisheries Science: Fisheries Science.....	12
Wildlife and Fisheries Science: Wildlife Science.....	13