

# TRANSFER AGREEMENT

2019-20

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.*

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## 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.
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](http://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](http://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](mailto: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](http://www.tntech.edu/visit).\*\*\*

## 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](http://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 transferrable 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

## Expenses

For the list of current fees, check the Bursar's website at [www.tntech.edu/bursar/](http://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/](http://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](http://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, Physical Education & Wellness

### 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

Art, Craft, and Design  
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	University Police	372-3234
Bills	Business Office, Derryberry Hall 100	372-3311
Books and Supplies	University Store, 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 202	372-3118
Student Success Center	Henderson Hall 202	372-3610
Business	Dean's Office, Johnson Hall 101	372-3372
Student Success Center	Johnson Hall 107	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		
Student Success Center	Dean's Office, Southwest Hall 146	372-6238
School of Nursing	Ben Clark, Academic Advisor, Nursing & Health Services	372-3229
Counseling	Counseling Center, University Center 307	372-3331
Financial Aid	Financial Aid Office, Jere Whitson 302	372-3073
Fraternities	Student Organizations Office, University Center 234	372-3236
Housing	Office of Residential Life, MS Cooper 217	372-3414
Religious Opportunity	Student Organizations Office, University Center 234	372-3236
Student Government	Student Organizations Office, University Center 234	372-3236
Student Organizations	Student Organizations Office, University Center 234	372-3236
Office of Teacher Education	College of Education, T. J. Farr 103	372-3170
Veteran Certification	Military Affairs and Veterans Affairs, Jere Whitson 324	372-3503

# COLLEGE OF AGRICULTURE AND HUMAN ECOLOGY

## SCHOOL OF AGRICULTURE

### AGRIBUSINESS MANAGEMENT

#### ROANE STATE COMMUNITY COLLEGE

#### DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	ACCT 1010, 1020 Principles of Accounting I, II	3	3
HIST 2010, 2020 Early, Modern United States History	3	3	ECON 2210, 2220 Principles of Macroeconomics, Microeconomics	3	3
MATH 1130, 1530, 1630, 1830 or 1910	0	3-4	ENGL 2310 or 2320 Early, Modern World <u>OR</u>		
Natural Science	4	4	ENGL 2210 or 2220 Early, Modern British <u>OR</u>		
Humanities/Fine Arts Elective <sup>1</sup>	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Elective <sup>1</sup>	0	3
			Electives	3-4	3
Total	13	14	Total	12-13	12

#### TENNESSEE TECHNOLOGICAL UNIVERSITY

#### Agribusiness Management Concentration - Bachelor of Science Degree

Advisor: Dr. Dennis Duncan, Director; School of Agriculture; Box 5034; Cookeville, TN 38505

Junior Year			Senior Year		
AGBE 2100 Economics of Agriculture	3		AGBE 3950 Agribusiness Internship		3
AGBE 3100 Agriculture Marketing	3		AGBE 4120 Natural Resource Economics		3
AGBE 3220 Data Acquisition and Computer Analysis in Agribusiness	3		AGBE 4130 Agricultural Policy		3
AGBE 3400 Agricultural Finance	3		AGHE 2022 Professionalism in Agriculture and Human Ecology		1
AGBE 3430 Intro to Agribusiness Management	3		AGHE 3000, 3200 or 3275		3
AGET 2110, 2115 or 3110, 3115	3		AGHE 4500 Senior Seminar		1
AGHE 1020 Connections in Agriculture and Human Ecology	1		LAW 2810 Business and Legal Environment and Ethics		3
ANS 1200 Introductory Animal Science	3		MKT 3400 Principles of Marketing		3
AGRN 1100 Plant Science	3		Upper Division Business or Economics Electives		6
AGRN 2000 Soil and the Environment	3		Upper Division Agriculture Electives <sup>3</sup>		6
Upper Division Agriculture Elective <sup>3</sup>	3				
Total	31		Total		32

(Note: A student would be able to qualify for consideration into the MBA program at Tennessee Tech by completing the following courses as Business/Economics electives: MKT 3400, BMGT 3510, FIN 3210, DS 3620, LAW 2810 and ECON 3610.)

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>May not be a course in agriculture. Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table [www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>3</sup>Selected from the following disciplines: AGBE, AGED, AGET, AGHT, AGRN and ANS. No more than one course may be selected from any of these disciplines.

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

## 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	INFS 1010 Computer Applications	3	0
HIST 2010, 2020 Early, Modern United States History	3	3	ENGL 2310 or 2320 Early or Modern World <u>OR</u>		
MATH 1130, 1530, 1630, 1730, 1830 or 1910 (Select two)	3	3-4	ENGL 2210 or 2220 Early or Modern British <u>OR</u>		
CHEM 1010, 1020 or CHEM 1110, 1120 Social/Behavioral Science Elective <sup>1</sup>	4	4	ENGL 2110 or 2120 Early or Modern American Literature	3	0
	3	0	COMM 2025 Fundamentals of Communication	0	3
			Humanities/Fine Arts Electives <sup>2</sup>	3	3
			BIOL 1110, 1120 or PHYS 2010, 2020 Social/Behavioral Science Elective <sup>1</sup>	4	4
				0	3
<b>Total</b>	<b>16</b>	<b>13-14</b>	<b>Total</b>	<b>13-14</b>	<b>13</b>

#### TENNESSEE TECHNOLOGICAL UNIVERSITY

#### AGRICULTURAL ENGINEERING TECHNOLOGY CONCENTRATION - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Dennis Duncan, Director; School of Agriculture; Box 5034; Cookeville, TN 38505

Junior Year		F	SP	Senior Year		F	SP
ACCT 3720 Survey of Accounting	3			AGET 3510, 3560, 3565, 4620, 4940, 4950, 4960, 4970, 4980; or AGR 4920, 3940, 3950 3960			
AGBE 2100 Economics of Agriculture	3			(Select one)	1-4		
AGET 2110, 2115 Agricultural Engineering Technology	3			AGET 3520 Agricultural Spaital Technologies I	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 4610 Greenhouse Structures & Landscaping Equipment	3		
AGHE 1020 Connections in Agriculture and Human Ecology	1			AGET 4720 Agricultural Processing	3		
ANS 1200 Introductory Animal Science	3			AGHE 2022 Professionalism in Agriculture and Human Ecology	1		
ANS 1210 Introductory Animal Science Lab	1			AGHE 4500 Senior Seminar	1		
AGRN 1100 Plant Science	3			AGHE 3000, 3200, or 3275	3		
AGRN 1110 Plant Science Lab	1			BMGT 3510 Management and Organization Behavior	3		
AGRN 3000 Soils	4			Upper-division Agricultural Electives <sup>4</sup>	9		
MET 2000 Occupational Safety	2						
<b>Total</b>		<b>33</b>		<b>Total</b>		<b>30</b>	

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table [www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>3</sup>Select 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

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 1110, 1120 General Biology I, II	4	4
HIST 2010, 2020 Early, Modern United States History	3	3	INFS 1010 Computer Applications	3	0
MATH 1130, 1530, 1630, or 1830	3	3	ENGL 2310 or 2320		
CHEM 1010, 1020 or 1110, 1120	4	4	Early or Modern World <u>OR</u>		
Electives <sup>1</sup>	3	2	ENGL 2210 or 2220		
			Early or Modern British <u>OR</u>		
			ENGL 2110 or 2120		
			Early or Modern American Lit	0	3
			COMM 2025 Fundamentals of Communication	0	3
			Humanities/Fine Arts Electives <sup>2</sup>	3	3
			Social/Behavioral Science Electives <sup>2</sup>	3	3
Total	16	15	Total	13	16

## TENNESSEE TECHNOLOGICAL UNIVERSITY

## ANIMAL SCIENCE CONCENTRATION - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Dennis Duncan, Director; School of Agriculture; Box 5034; Cookeville, TN 38505

Junior Year			Senior Year		
AGBE 2100 Economics of Agriculture	3		AGHE 2022 Professionalism in Agriculture and Human Ecology		1
AGET 2110, 2115 or 3110, 3115	3		AGHE 3000, 3200, or 3275		3
AGHE 1020 Connections in Agriculture and Human Ecology	1		AGHE 4500 Senior Seminar		1
ANS 1200 Introductory Animal Science	3		AGRN 4130 Forage Crops Production & Mgmt.		3
ANS 1210 Introductory Animal Science Lab	1		ANS 3020 Feeds & Feeding		3
ANS 2020, 2110 Livestock Mgmt., Livestock Eval.	6		ANS 3130 Animal Breeding		3
ANS 3010 Animal Nutrition	3		ANS 3310 Meat, Dairy, and Poultry Products		3
ANS 3140 Reproduction in Farm Animals	3		4000-Level ANS Production Courses		6
ANS 3150 Common Diseases & Parasites of Domestic Animals	3		Upper-division Agriculture Electives <sup>3</sup>		3
AGRN 1100 Plant Science	3		BIOL 3200 or 3230		
AGRN 1110 Plant Science Lab	1		Microbiology		4
AGRN 3000 Soils	4		CHEM 3005 Elementary Organic Chemistry		4
Total		34	Total		33-34

<sup>1</sup>Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table [www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>3</sup>Upper-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.**

# SCHOOL OF HUMAN ECOLOGY

## HUMAN ECOLOGY

### MERCHANDISING AND DESIGN

Freshman Year		Sophomore Year			
CHEM 1010, 1020	Intro Chemistry I, II	8	ECON 2210, 2220	Principles of Macroeconomics, Microeconomics	6
ENGL 1010, 1020	Composition I, II	6	ENGL 2310 or 2320	Early or Modern World Literature <u>OR</u>	
MATH 1010	Survey of Mathematics	3	ENGL 2210 or 2220	Early or Modern British Literature <u>OR</u>	
MATH 1530	Introductory Statistics	3	ENGL 2110 or 2120	Early or Modern American Literature	3
PSYC 1030	Introduction to Psychology	3	SOCI 1010	Intro to Sociology	3
COMM 2025	Fundamentals of Communication	3	HIST 2010, 2020	Early, Modern United States History	6
Humanities/Fine Arts Electives <sup>1</sup>		6	Electives		4
	<b>Total</b>	<b>32</b>		<b>Total</b>	<b>25</b>

#### TENNESSEE TECHNOLOGICAL UNIVERSITY

HUMAN ECOLOGY (MERCHANDISING AND DESIGN CONCENTRATION) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Melinda Anderson, Director; School of Human Ecology

Phone: (931) 372-3157

Junior Year		Senior Year			
AGHE 2022	Professionalism in Agriculture and Human Ecology	1	ACCT 3720	Survey of Accounting	3
HEC 1005	Intro to Human Ecology	1	AGHE 3000, 3200, or 3275		3
HEC 1010	Life Span Development	3	AGHE 4500	Senior Seminar	1
HEC 1100	Concepts of Design	3	HEC 3310	Textiles I	3
HEC 1150	Analysis of Apparel and Findings	3	HEC 3320	Textiles II	3
HEC 2065	Families in Society	3	HEC 4315	Global Social Responsibility	3
HEC 2311	Practicum: Merchandising & Design	1	HEC 4320	Merchandise Promotion & Advertising	3
HEC 2355	Clothing Construction	3	HEC 4360	Merchandising II	3
HEC 3011	Consumer Economics	3	HEC 4990	Internship	6
HEC 3350	Merchandising I	3	Upper Division Business Elective		3
HEC 4340	History of Furnishings and Dress	3			
MKT 3400	Principles of Marketing	3			
Apparel Course		6			
AGHE 1020	Connections in Agriculture and Human Ecology	1			
	<b>Total</b>	<b>37</b>		<b>Total</b>	<b>31</b>

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>AGHE 1020 not required for transfer students with more than 12 hours.

<sup>3</sup>To progress into Textiles I, a minimum grade of "C" is required in CHEM 1010 and 1020 and these must courses must be taken before the junior year.

<sup>4</sup>Select two: HEC 2300 Tailoring, HEC 3300 Flat Pattern, HEC 4300 Draping, HEC 4301 Computer Aided Apparel Design.

**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

## 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 or 1110, 1120	4	4	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 <sup>1</sup>	3	3
			Social/Behavioral Science Electives <sup>1</sup>	3	3
			Electives <sup>2</sup>	0	4
<b>Total</b>	<b>14</b>	<b>14</b>	<b>Total</b>	<b>16</b>	<b>16</b>

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

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

Junior Year		Senior Year	
BIOL 1000 Intro to Biological Methods	1	BIOL 3330 or 4610	3
BIOL 2310 General Botany	4	WFS 4500 National Wildlife Policy	3
BIOL 3240 Field Botany	3	WFS 4630 or 4820 Ornithology or Mammalogy	3
BIOL 3810 General Genetics	4	WFS 4700 Habitat Management	3
BIOL 3920 Biological Communication Skills	3	WFS 4711 Fisheries Management	3
BIOL 4330 Plant Ecology	3	WFS 4730 Conservation Biology	3
GEOL 2000 Earth Evolution & Life History	3	WFS 4740 Wildlife Principles	2
MATH 3070 or BIOL/WFS 4220	3	WFS 4810 or 4830 Ichthyology or Herpetology	3
WFS 3130 General Ecology	4	Science Directed Elective <sup>3</sup>	3
Science Directed Elective <sup>3</sup>	4		
<b>Total</b>	<b>31</b>	<b>Total</b>	<b>29</b>

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table [www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>3</sup> Choose two courses from AGHT 3450, AGRN 2300 plus AGRN 2310 (both must be taken concurrently and count as a single course for this requirement), BIOL 3530, BIOL 4320, BIOL 4840, WFS 4770, and GEOG 4410 or GEOG 4510 or WFS 4870 (only one of these final three 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 or 1110, 1120	4	4	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 1830 Calculus for Business	0	3	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication	0	3
			Humanities/Fine Arts Electives <sup>1</sup>	3	3
			Social/Behavioral Science Electives <sup>1</sup>	3	3
			Electives <sup>1</sup>	4	0
Total	14	14	Total	17	15

### TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Advisor: Dr. Chris Brown, Department Chairperson

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

Junior Year	F	SP	Senior Year	F	SP
BIOL 1000 Intro to Biological Methods	1		BIOL 3240 Field Botany		3
BIOL 2310 General Botany	4		BIOL 4610 Invertebrate Zoology		3
BIOL 3810 General Genetics	4		BIOL 4780 Phycology		3
BIOL 3920 Biological Communication Skills	3		WFS 4740 Wildlife Principles		2
GEOL 2000 Earth Evolution & Life History	3		WFS 4760 Fish Culture		4
WFS 4500 National Wildlife Policy	3		WFS 4840 Limnology		3
WFS 4710 Fisheries Management	4		Science Directed Elective <sup>2</sup>		6-10
WFS 4810 Ichthyology	3		Electives		1-5
MATH 3070 or BIOL/WFS 4220	3				
WFS 3130 General Ecology	4				
Total		31	Total		29

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Choose two courses from AGRN 2300 plus AGRN 2310 (both must be taken concurrently and count as a single course for this requirement), BIOL 3530, BIOL 4330, WFS 4700, WFS 4730, WFS 4770, and GEOG 4410 or GEOG 4510 or WFS 4870 (only one of these final three 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 or 1110, 1120	4	4	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 <sup>1</sup>	3	3
			Social/Behavioral Science Electives <sup>1</sup>	3	3
			Electives <sup>2</sup>	0	4
<b>Total</b>	<b>14</b>	<b>14</b>	<b>Total</b>	<b>16</b>	<b>16</b>

#### TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Advisor: Dr. Chris Brown, Department Chairperson

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

Junior Year			Senior Year		
BIOL 1000 Intro to Biological Methods	1		Summer (Course offered summer only)		
BIOL 2310 General Botany	4		WFS 4790 Wildlife Techniques		6
BIOL 3240 Field Botany	3		<b>Total</b>		<b>6</b>
BIOL 3810 General Genetics	4		Senior Year		
BIOL 3920 Biological Communication Skills	3		AGHT 3450 Dendrology		3
BIOL 4330 Plant Ecology			WFS 4500 National Wildlife Policy		3
GEOL 2000 Earth Evolution & Life History	3		WFS 4660 Wild Bird Ecology		3
WFS 3130 General Ecology	3		WFS 4670 Wild Mammal Ecology		3
WFS 3500 Wildlife Law Enforcement	3		WFS 4830 Herpetology		3
WFS 4740 Wildlife Principles	2		WFS 4700 Habitat Management		3
Science Directed Electives <sup>3</sup>	6-7		MATH 3070 or BIOL/WFS 4220		3
<b>Total</b>		<b>32-33</b>	<b>Total</b>		<b>21</b>

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table [www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>3</sup> Choose two courses from AGHT 3450, AGRN 2300 plus AGRN 2310 (both must be taken concurrently and count as a single course for this requirement), BIOL 3530, BIOL 4320, WFS 4770, WFS 4800 and GEOG 4410 or GEOG 4510 or WFS 4870 (only one of these final three 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.**

## COLLEGE OF BUSINESS

### BUSINESS MANAGEMENT - 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, 1830 College Algebra, Calculus for Business	3	3	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
Natural Science <sup>3</sup>	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
Humanities/FineArts Elective <sup>1</sup>	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
Elective <sup>2</sup>	0	4	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication 3	3	0
			Humanities/FineArts Elective <sup>1</sup>	3	0
			Elective <sup>2</sup>	0	3
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY  
BUSINESS MANAGEMENT - OPTION BIT (BUSINESS AND INFORMATION TECHNOLOGY)  
BACHELOR OF SCIENCE DEGREE

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

Junior Year		3	Senior Year		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 3870 Business Applications Development II		3
DS 3841 Management Info. Systems		3	DS 4250 Business Data Communications		3
DS 3850 Business Applications Development		3	DS 4330 Management Info Systems Analysis and Design		3
DS 3860 Business Database Management		3	DS 4550 Information Systems Development Practicum		3
ECON 3610 Business Statistics I		3	ECON 3320, 3810, or 3820		3
FIN 3210 Principles of Managerial Finance		3	LAW 2810 Business Legal Environment & Ethics		3
MKT 3400 Principles of Marketing		3	Business Elective <sup>4</sup>		3
DS Elective		3	Electives <sup>4</sup>		3
Total		30	Total		30

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses are to be selected in consultation with the academic advisor. See advisor.

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

<sup>4</sup>Elective courses must be selected in consultation with the advisor.

# 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, 1830	College Algebra, Calculus for Business	3	3	ENGL 2310, 2320	Early, Modern World Lit <u>OR</u>		
Natural Science <sup>3</sup>		4	4	ENGL 2210 or 2220	Early, Modern British Lit <u>OR</u>		
Humanities/Fine Arts Elective <sup>1</sup>		3	0	ENGL 2110 or 2120	Early, Modern American Lit <sup>0</sup>		3
Elective <sup>2</sup>		0	4	HIST 2010, 2020	Early, Modern United States History	3	3
				COMM 2025	Fundamentals of Communication	3	0
				Humanities/Fine Arts Elective <sup>1</sup>		3	0
				Elective <sup>2</sup>		0	3
	<b>Total</b>	<b>16</b>	<b>14</b>	<b>Total</b>		<b>15</b>	<b>15</b>

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

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

Junior Year			Senior Year		
BMGT 3510	Management & Org. Behavior	3	BMGT 4930	Business Strategy	3
ECON 3610	Business Statistics I		DS 3520	Operations Management	3
FIN 3210	Prin. of Managerial Finance	3	DS 3841	Management Info. Systems	3
MKT 3400	Principles of Marketing	3	DS 4210	Business Intelligence	3
DS 3620	Business Analytics: Data Driven Decision Making	3	DS 4220	Advanced Business Analytics	3
DS 3860	Business Database Management	3	DS 4510	Business Intelligence and Analytics Capstone	3
DS Elective <sup>4</sup>		3	ECON 3810 or 3820		3
Business Elective <sup>4</sup>		3	ECON 4640	Econometrics	3
Electives <sup>4</sup>		6	LAW 2810	Business Legal Environment & Ethics	3
			Business Electives <sup>4</sup>		3
	<b>Total</b>	<b>30</b>	<b>Total</b>		<b>30</b>

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses are to be selected in consultation with the academic advisor. See advisor.

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

<sup>4</sup>DS 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
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, 1830 College Algebra, Calculus for Business	3	3	ENGL 2310, 2320 Early, Modern World Lit <u>OR</u>		
Natural Science <sup>3</sup>	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
Humanities/Fine Arts Elective <sup>1</sup>	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
Elective <sup>2</sup>	0	4	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Elective <sup>1</sup>	3	0
			Elective <sup>2</sup>	0	3
Total	16	14	Total	15	15

### TENNESSEE TECHNOLOGICAL UNIVERSITY BUSINESS MANAGEMENT - OPTION BUMA (GENERAL MANAGEMENT) BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Thomas Timmerman, Interim 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 3620 Business Analytics: Data Driven Decision Making	3		DS 3520 Operations Management	3	
DS 3841 Management Info. Systems	3		ECON 3320, 3810, or 3820	3	
ECON 3610 Business Statistics I	3		LAW 2810 Business Legal Environment & Ethics	3	
FIN 3210 Prin. of Managerial Finance	3		BGMT Electives <sup>4</sup>	6	
MKT 3400 Principles of Marketing	3		Electives <sup>4</sup>	6	
Business Elective <sup>4</sup>	3				
DS Elective	3				
Total	30		Total	30	

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses are to be selected in consultation with the academic advisor. See advisor.

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

<sup>4</sup>Elective 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, 1830 College Algebra, Calculus for Business	3	3	ENGL 2310, 2320 Early, Modern World Lit <u>OR</u>		
Natural Science <sup>3</sup>	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
Humanities/Fine Arts Elective <sup>1</sup>	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
Elective <sup>2</sup>	0	4	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Elective <sup>1</sup>	3	0
			Elective <sup>2</sup>	0	3
Total	16	14	Total	15	15

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

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

Junior Year		3	3	Senior Year		3	3
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 Management		3	
MKT 3400 Principles of Marketing	3			ECON 3320, 3810, or 3820		3	
BMGT Electives	6			Business Elective <sup>4</sup>		3	
Total		30		Electives <sup>4</sup>		3	
				Total		30	

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses are to be selected in consultation with the academic advisor. See advisor.

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

<sup>4</sup>Elective 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.**

9/17/19

## BUSINESS MANAGEMENT - PRODUCTION/OPERATIONS 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, 1830 College Algebra, Calculus for Business	3	3	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
Natural Science <sup>3</sup>	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
Humanities/Fine Arts Electives <sup>1</sup>	3	0	ENGL 2110 or 2120 Early, Modern American Lit		
Elective <sup>2</sup>	0	4	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Elective <sup>1</sup>	3	0
			Elective <sup>2</sup>	0	3
<b>Total</b>	<b>16</b>	<b>14</b>	<b>Total</b>	<b>15</b>	<b>15</b>

### TENNESSEE TECHNOLOGICAL UNIVERSITY BUSINESS MANAGEMENT - OPTION BUPR (PRODUCTION/OPERATIONS MANAGEMENT) BACHELOR OF SCIENCE DEGREE

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

Junior Year			Senior Year		
BMGT 3630 Human Resource Management	3		BMGT 3720 Business Communication I		3
FIN 3210 Prin. of Managerial Finance	3		BMGT 4930 Business Strategy		3
ACCT 3210 Cost Accounting	3		ECON 3320, 3810, or 3820		3
BMGT 3510 Management & Org. Behavior	3		LAW 2810 Business Legal Environment & Ethics		3
DS 3520 Operations Management	3		DS or BMGT Electives <sup>4</sup>		6
DS 3540 Quality & Productivity Systems	3		Business Electives <sup>4</sup>		6
DS 3620 Business Analytics: Data Driven Decision Making	3		MET Electives <sup>4</sup>		6
DS 3841 Management Info. Systems	3				
ECON 3610 Business Statistics I	3				
MKT 3400 Principles of Marketing	3				
<b>Total</b>		<b>30</b>	<b>Total</b>		<b>30</b>

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses are to be selected in consultation with the academic advisor. See advisor.

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

<sup>4</sup>Elective 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.**



## 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, 18130 College Algebra, Calculus for Business	3	3	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
Natural Science <sup>3</sup>	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
Humanities/Fine Arts Elective <sup>1</sup>	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
Elective <sup>2</sup>	0	4	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Elective <sup>1</sup>	3	0
			Elective <sup>2</sup>	0	3
Total	16	14	Total	15	15

### TENNESSEE TECHNOLOGICAL UNIVERSITY FINANCE - BACHELOR OF SCIENCE DEGREE

Advisor: Department Chairperson  
Johnson Hall 216, Phone: (931) 372-3745

Junior Year	F	SP	Senior Year	F	SP
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 Management	3		FIN 4230 Adv. Financial Decision Analysis		3
DS 3620 Business Analytics: Data Driven Decision Making	3		ECON 4510 International Trade and Finance, <u>OR</u>		
DS 3841 Management Info. Systems	3		FIN 4910 Multinational Financial Mgmt.		3
ECON 3320, 3810, or 3820	3		Business Elective <sup>4</sup>		3
ECON 3610 Business Statistics I	3		Finance Electives <sup>4</sup>		9
FIN 3210 Principles of Managerial Finance	3		Electives <sup>4</sup>		3
FIN 3220 Intermediate Financial Management	3		MKT 3400 Principles of Marketing		3
FIN 3830 Fundamentals of Investment	3				
Total	30		Total		30

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses are to be selected in consultation with the academic advisor. See advisor.

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

<sup>4</sup>Elective 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, 1830 College Algebra, Calculus for Business	3	3	ENGL 2310 or 2320 Early, Modern World Lit <u>OR</u>		
Natural Science <sup>3</sup>	4	4	ENGL 2210 or 2220 Early, Modern British Lit <u>OR</u>		
Humanities/Fine Arts Elective <sup>1</sup>	3	0	ENGL 2110 or 2120 Early, Modern American Lit	0	3
Elective <sup>2</sup>	0	4	HIST 2010, 2020 Early, Modern United States History	3	3
			COMM 2025 Fundamentals of Communication	3	0
			Humanities/Fine Arts Elective <sup>1</sup>	3	0
			Elective <sup>2</sup>	0	3
<b>Total</b>	<b>16</b>	<b>14</b>	<b>Total</b>	<b>15</b>	<b>15</b>

#### TENNESSEE TECHNOLOGICAL UNIVERSITY MARKETING - BACHELOR OF SCIENCE DEGREE

Advisor: 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	
DS 3520      Operations 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 3320, 3810, or 3820		3		MKT 4730      Marketing Strategy		3	
ECON 3610      Business Statistics I		3		Marketing Electives <sup>4</sup>			12
FIN 3210      Principles of Managerial Finance		3		Business Elective <sup>4</sup>			3
MKT 3400      Principles of Marketing		3					
Marketing Elective <sup>4</sup>		3					
Elective <sup>4</sup>		3					
<b>Total</b>			<b>30</b>	<b>Total</b>			<b>30</b>

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses are to be selected in consultation with the academic advisor. See advisor.

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

<sup>4</sup>Elective 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.**

## DEPARTMENT OF CURRICULUM AND INSTRUCTION

EARLY CHILDHOOD EDUCATION  
EARLY CHILDHOOD/SPECIAL EDUCATION/PREK-3ROANE STATE COMMUNITY COLLEGE

## DEGREE: ASSOCIATE OF SCIENCE IN TEACHING

Freshman Year		F	SP	Sophomore Year		F	SP
BIOL 1110	General Biology I	4	0	ECED 2360	Development of Exceptional Children	0	3
ENGL 1010, 1020	Composition I, II	3	3	EDU 210	Child & Adolescent Development	3	0
EDU 101	Intro to the Teaching Prof.	3	0	GEOG 2010	World Regional Geography	3	0
MATH 1410, 1420	Number Concepts/Algebra Structures, Problem Solving/Geometry	3	3	PSCI 1030	Survey of Physical Science	0	4
GEOL 1040	Physical Geology I	0	4	ENGL 2310 or 2320	Early, Modern World Lit <u>OR</u>		
SOCI 1010	Intro to Sociology	0	3	ENGL 2210 or 2220	Early, Modern British Lit <u>OR</u>		
COMM 2025	Fundamentals of Communication	3	0	ENGL 2110 or 2120	Early, Modern American Lit	3	0
				HIST 2010, 2020	Early, Modern United States History	3	3
				ART 1035 or MUS 1030	Introduction to Art or Music	0	3
					Total	12	16
	Total	16	13				

TENNESSEE TECHNOLOGICAL UNIVERSITY  
EARLY CHILDHOOD EDUCATION (ECED PREK-3 AND SPED PREK-3 LICENSURE)  
Advisor: College of Education Student Success Center  
T.J. Farr 202, Phone: (931) 372-6036

Junior Year			Senior Year		
CFS 3600	Family Community & Prof. Partnerships		ECSP 4300	Assessment of Young Children	3
ECED 3301	Math, Science, Social Studies for the Young Child	7	ECSP 4871	Residency I	5
ECED 3310	Practicum: Concepts for Young Children	1	ECSP 4872	Professional Seminar I	5
ECSP 3001	Curriculum for Infants, Toddlers and Preschoolers	3	ECSP 4881	Residency II	10
ECSP 3211	Practicum: Procedures for Infants, Toddlers, and Preschoolers	1	ECSP 4882	Professional Seminar II	2
ECSP 4000	Developmentally Appropriate Practice Birth-Preschool	3		Total	25
ECSP 4100	Developmentally Appropriate Practice K-4	3			
ESLP 4100	ESL Methodology and Materials for PreK-12	3			
FOED 3010	Integrating Instructional Technology	3			
FOED 3810	Field Experiences in Education	2			
HEC 3520	Parenting and Child Guidance	2			
MUS 1074	Music to Meet Exceptional Needs	1			
READ 3311	Literacy I	7			
	Total	38			

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

# EARLY CHILDHOOD EDUCATION (PREK-3 LICENSURE) EARLY CHILDHOOD/SPECIAL EDUCATION/PREK-3

9/17/19

## ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF APPLIED SCIENCE

Freshman Year			Sophomore Year		
COLS 1010	Study, Organize, Succeed	3	BIOL 1110	General Biology I	4
ENGL 1010, 1020	Composition I, II	6	ECED 2360	Developmental of Exceptional Children	3
ECED 1310	Intro to Early Childhood Education	3	ECED 2365	Final Practicum	3
ECED 2310	Safe, Healthy, Learning Environment	3	ECED 2370	Development Assessment	3
ECED 2315	Early Childhood Curriculum	3	ECED 2380	Language & Literacy in ECED	3
ECED 2320	Infant, Toddler Child Development	3	ECED 2385	Math & Science in Early Childhood	3
ECED 2335	Initial Practicum	3	ECED Elective		3
ECED 2340	Family Dynamics & Community Involvement	3	GEOG 2010	World Regional Geography	3
MATH 1410	Number Concepts/Algebra Structures	3	MUS 1030	Introduction to Music	3
COMM 2025	Fundamentals of Communication	3	SOCI 1010	Intro to Sociology	3
Total		33	Total		31

TENNESSEE TECHNOLOGICAL UNIVERSITY  
EARLY CHILDHOOD EDUCATION (ECED PREK-3 AND SPED PREK-3 LICENSURE)  
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Transition-Roane State		
EDU 101	Introduction to Teaching Profession	3
English Literature		6
GEOL 1040	Physical Geology	4
HIST 2010 2020	Early, Modern US History	6
MATH 1420	Geometry Concepts for Teachers	3
PSCI 1030	Survey of Physical Science	4
Total		29

Junior Year			Senior Year		
CFS 3600	Family, Community & Professional Partnerships	2	ECSP 4300	Assessment of Young Children	3
ECSP 3001	Curriculum for Infants, Toddlers & Preschoolers	3	ECSP 4871	Residency I	5
ECSP 3211	Procedures for Infants, Toddlers & Preschoolers Practicum	1	ECSP 4872	Professional Seminar I	5
ECED 3301, 3310	Mathematics, Science & Social Studies for Young Children; Practicum	8	ECSP 4881	Residency II	10
ECSP 4000	Developmentally Appropriate Practices: Birth-Preschool	3	ECSP 4882	Professional Seminar II	2
ECSP 4100	Developmentally Appropriate Practices: K-4	3	Total		25
ESLP 4100	ESL Methodology and Materials for PreK-12	3			
FOED 3010	Integrating IT into the Classroom	3			
FOED 3810	Field Experiences in Education	2			
HEC 3520	Parenting Education & Child Guidance	2			
READ 3311	Literacy I	7			
MUS 1074	Music to Meet Exceptional Ed Needs	1			
Total		38			

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

## ELEMENTARY EDUCATION (K-5 LICENSURE)

### ROANE STATE COMMUNITY COLLEGE

#### DEGREE: ASSOCIATE OF SCIENCE IN TEACHING

Freshman Year		Sophomore Year			
COLS 1010	Study, Organize, Succeed	3	BIOL 1110 General Biology I	4	
ENGL 1010, 1020	Composition I, II	6	EDU 211 Educational Psychology	3	
EDU 101	Introduction to Teaching	3	ENGL 2310 or 2320	Early, Modern World Lit <u>OR</u>	
EDU 111	Intro to Educating Exceptional Children	3	ENGL 2210 or 2220	Early, Modern British Lit <u>OR</u>	
MATH 1410, 1420	Number Concepts, Geometry Concepts	6	ENGL 2110 or 2120	Early, Modern American Lit	6
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 <u>OR</u>	
ASTR 1010	Intro to Astronomy <u>OR</u>		HIST 2030	Tennessee History (Select two)	6
GEOL 1040	Physical Geology <u>OR</u>		MATH 1530	Introductory Statistics	3
GEOL 1050	Historical Geology (Select one)	4	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 3000	Teaching Persons with Disabilities in the Regular Classroom	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 3130 General Ecology	4	4	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
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			
Elective	1	1			
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 <sup>2</sup>	0	3	FREN/GERM/SPAN 2010, 2020	3	3
Natural Science	4	4	Humanities/Fine Arts Elective <sup>2</sup>	3	0
Electives <sup>1</sup>	4	0	Electives <sup>1</sup>	3	0
Total	16	14	Total	15	15

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

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Junior Year		Senior Year	
ENGL 3250, 3400, 4411, 4511, 4521, 4531, 4541 or any upper-division English writing course, Linguistics, Grammar, or History of English Language	3	SEED 4871 Residency I	5
ENGL 3810, 3820 British Literature I, II	6	SEED 4872 Professional Seminar I	5
ENGL 3910, 3920 American Literature I, II	6	SEED 4881 Residency II	10
ENGL 4121 Shakespeare	3	SEED 4882 Professional Seminar II	2
ENGL 4751, 4712, 4713, ENGL 4700 or ENGL literature upper-division elective	3	SPED 3000 Teaching Persons with Disabilities in the Regular Classroom	3
ESLP 4100 or TEAE 4020	3		
FOED 3010 Integrating Instructional Technology	3		
FOED 3820 Field Experiences in Education	2		
READ 3350 Teaching Reading in the Content Area	3		
READ 4411 The Reading-Writing Connection	3		
READ 4570 Bks. & Rel. Mat. Adol./Adult	3		
SEED 4120 Material & Methods of Teaching English	3		
Total	41	Total	25

<sup>1</sup>Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table [www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

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## 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
PHED Physical Education	0	1	HIST 2010, 2020 Early, Modern United States History	3	3
Humanities/Fine Arts Elective	0	3	Social/Behavioral Science Electives	3	3
Natural Science	4	4	MATH 2010 Introduction to Algebra	3	0
			MATH 2110 Calculus III	4	0
			MATH 2120 Differential Equations	0	3
			COMM 2025 Fundamentals of Communication0		3
Total	14	15	Total	16	15

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

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Junior Year	F	SP	Senior Year	F	SP
FOED 3010 Integrating Instructional Technology	3		SEED 4871 Residency I		5
FOED 3820 Field Experiences in Education	2		SEED 4872 Professional Seminar I		5
MATH 3070 Statistical Methods I	3		SEED 4881 Residency II		10
MATH 3400 Intro to Concepts of Math	3		SEED 4882 Professional Seminar II		2
MATH 3430 College Geometry	3		SEED 4322 Teaching Algebra in Middle/High School		3
MATH 4010, 4050, 4350, or 4360	3		SPED 3000 Teaching Persons with Disabilities in the Regular Classroom		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		32	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 Early United States History	3	0
Elective	0	1	HIST 2210 or 2220	0	3
			SOCI 1010 Intro to Sociology	0	3
			COMM 2025 Fundamentals of Communication	3	0
			POLS 1030 American Government	3	0
			Humanities/Fine Arts Elective	3	0
			Elective	0	3
Total	16	14	Total	15	15

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

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Junior Year		Senior Year	
FOED 3010 Integrating Instructional Technology	3	SEED 4871 Residency I	5
FOED 3820 Field Experiences in Education	2	SEED 4872 Professional Seminar I	5
GEOG 1012 Cultural Geography	3	SEED 4881 Residency II	10
HIST 3100 Tennessee Topics	3	SEED 4882 Professional Seminar II	2
HIST 4710, 4730, 4740, 4750, 4760, or 4790-4799	3	SPED 3000 Teaching Persons with Disabilities in the Regular Classroom	3
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, ECON, GEOG	6		
Total	35	Total	25

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

## EXERCISE SCIENCE, PHYSICAL EDUCATION AND WELLNESS

## 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 131 Elementary Nutrition	2	0	ENGL 2310 or 2320 Early or Modern World Lit <u>OR</u>		
HEA 221 Safety, First Aid, and CPR	0	3	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
HEA 227 Intro to Exercise Science	0	3	ENGL 2110 or 2120 Early or Modern American Lit	0	3
MATH 1130 or 1530	3	0	HEA 225 Care & Prevention of Athletic Injuries	3	0
Elective <sup>1</sup>	2	0	HIST 2010, 2020 Survey of Early, Modern United States History	3	3
			Humanities/Fine Arts Electives <sup>2</sup>	3	3
			INFS 1010 Computer Applications	3	0
Total	14	16	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY  
EXERCISE SCIENCE, PHYSICAL EDUCATION AND WELLNESS - BACHELOR OF SCIENCE DEGREE

Advisor: College of Education Student Success Center

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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

<sup>1</sup>Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table

[www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

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

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## EXERCISE SCIENCE, PHYSICAL EDUCATION AND WELLNESS

## Fitness and Wellness 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	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 <sup>3</sup>		0	3
HEA 221	Safety, First Aid, and CPR	0	3	ENGL 2310 or 2320	Early or Modern World Lit <u>OR</u>		
Electives <sup>1</sup>		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 <sup>2</sup>		3	3
				Total		16	14
	Total	15	15				

## TENNESSEE TECHNOLOGICAL UNIVERSITY

## EXERCISE SCIENCE, PHYSICAL EDUCATION AND WELLNESS - BACHELOR OF SCIENCE DEGREE

Advisor: College of Education Student Success Center

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Junior Year			Senior Year		
EXPW 1150	Care & Prevention of Athletic Injuries	3	BMGT 3510	Management of Organizational Behavior	3
EXPW 2150	Human Sexuality	3	EXPW 4440	Physiology of Exercise	3
EXPW 2160	Drug Use and Abuse	3	EXPW 4520	Adapted Physical Activity and Sport	3
EXPW 2200	Leadership Development in Exercise and Sport	3	EXPW 4171	Exercise & Sport Psychology	3
EXPW 3032	Exercise Prescription for Fitness and Wellness	3	EXPW 4730	Assessment & Evaluation in Exercise Science	3
EXPW 3170	Motor Learning	3	EXPW 4760	Functional Movement	3
EXPW 3310	Professional Preparation	1	EXPW 4810	Field Experience	3
EXPW 3410	Lifespan Motor Development	3	EXPW 4032	Training for Performance	3
EXPW 4420	Kinesiology	3	EXPW 4042	Health Promotion	3
PHED 1002	Physical Fitness Test	0	EXPW 4900	Research Methods in Exercise Science	3
Electives		5	PHED 1002	Physical Fitness Test	0
	Total	30	Total		30

<sup>1</sup>Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table [www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

## EXERCISE SCIENCE, PHYSICAL EDUCATION AND WELLNESS

## 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 <sup>1</sup>		3	3
PSYC 1030	Introduction to Psychology	3	0	COMM 2025	Fundamentals of Communication	0	3
Electives <sup>2</sup>		5	3	HEA 227	Intro to Exercise Science	3	0
				HIST 2010, 2020	Early, Modern United States History	3	3
				Elective		3	0
Total		14	14	Total		16	16

TENNESSEE TECHNOLOGICAL UNIVERSITY  
EXERCISE SCIENCE, PHYSICAL EDUCATION AND WELLNESS - BACHELOR OF SCIENCE DEGREE

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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 3032	Exercise Prescription for Fitness and Wellness	3	EXPW 4810	Field Experience	3
SPED 3031	Physical Management & Support for Orthopedic, Motor & Health Impaired	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 3410	Lifespan Motor Development	3	Electives		8
PHED 1002	Physical Fitness Test	0	Total		32
Electives		8			
Total		30			

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Directed Electives: CHEM 1110, CHEM 1120, PHYS 2010, and PHYS 2020.

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

## EXERCISE SCIENCE, PHYSICAL EDUCATION AND WELLNESS

### Pre-Physical Therapy 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	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 <sup>1</sup>	3	0	HEA 131 Elementary Nutrition	0	2
PSYC 1030 Introduction to Psychology	3	0	BIOL 2010, 2020 Anatomy & Physiology I, II	4	4
INFS 1010 Computer Applications	0	3	HIST 2010, 2020 Early, Modern United States		
HEA 227 Intro to Exercise Science	0	2	History	3	3
Elective <sup>2</sup>	4	0	Humanities/ Fine Arts Elective <sup>1</sup>	3	0
			Elective <sup>2</sup>	4	0
Total	16	15	Total	14	15

TENNESSEE TECHNOLOGICAL UNIVERSITY  
EXERCISE SCIENCE, PHYSICAL EDUCATION AND WELLNESS - BACHELOR OF SCIENCE DEGREE

Advisor: College of Education Student Success Center

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Junior Year		F	SP	Senior Year		F	SP
EXPW 1150 Care & Prevention of Athletic Injuries	3			EXPW 4171 Exercise and Sport Psychology		3	
EXPW 2430 First Aid, Safety, & CPR	2			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 3410 Lifespan Motor Development	3			EXPW 4810 Field Experience		3	
EXPW 4210 Gerontology	3			EXPW 4900 Research Methods in Exercise Science		3	
EXPW 4420 Kinesiology	3			PHED 1002 Physical Fitness Test		0	
SPED 3031 Physical Management and Support Services for Orthopedic, Motor and Health Impaired	3			Electives		12	
PHED 1002 Physical Fitness Test	0						
Electives	7						
Total		30		Total		30	

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Directed Electives: BIOL 1110, 1120, CHEM 1110, CHEM 1120; PHYS 2010, and PHYS 2020.

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

# COLLEGE OF ENGINEERING

9/17/19

## 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 <sup>3</sup>	3	0	ENGL 2110 or 2120 Early or Modern American Lit <u>OR</u>	0	3
Social/Behavioral Science Electives <sup>1</sup>	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 <sup>1</sup>	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 <sup>2</sup>	3	3
Total	17	14	Total	18	20

### TENNESSEE TECHNOLOGICAL UNIVERSITY CHEMICAL ENGINEERING - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Pedro Arce, Department Chairperson

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

(Recommend the advisor be contacted prior to transfer.)

#### Senior Year

Junior Year <sup>3</sup>			Senior Year	
CHE 1020	Process, Products and Ethics	1	CHE 4131	Transfer Science III: Diffusion and Convection Mass Transfer
CHE 2015	Introduction to Chemical and Biological Process Analysis and Scaling I	3	CHE 4240	CHE Capstone Project
CHE 2020	Intro to Chemical and Biological Process Analysis and Scaling I	3	CHE 4210	Chemical Reaction Engineering
CHE 3010	Thermodynamics of Chem Processes	3	CHE 4540	Process Dynamics & Controls
CHE 3021	Separations & Sol Thermodynamics	4	CHE 4410	Process Design I
CHE 3111	Transfer Science I: Conduction	4	CHE 4420	Process Design II
CHE 3121	Transfer Science II: Fluid Mechanics	4	ChE Technical Electives <sup>5</sup>	6
CHE 3730	Chemical Engineering Operations	3	CHEM 3510, 3520 Physical Chemistry	8
ENGR 1120	Programming for Engineers	2		
Technical Electives <sup>4</sup>		6		
Total		33	Total	32

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

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

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

<sup>4</sup>Six 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/MATH/PHYS at the 3000 or 4000 level.
- Any course with the prior approval of the ChE Undergraduate Program Coordinator.

<sup>5</sup>Six hours of ChE Technical Electives must come from one of the following courses:

- ChE 4245 – Clinical Immersion
- ChE 4330 – Polymer Engineering
- ChE 4335 – Fuel Cells
- ChE 4440 – Protein Engineering
- ChE 4661 – Transport in Biochemical & Biological Processes
- 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 ENGINEERING

## 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 OR		
MATH 2010 Elementary Matrix Algebra	0	3	ENGL 2210 or 2220 Early or Modern British Lit OR		
CHEM 1110 General Chemistry I	4	0	ENGL 2110 or 2120 Early or Modern American Lit	0	3
HIST 2210, 2220 Survey of Western Civ I, II <u>OR</u>			PHYS 2110, 2120 Calculus-Based Physics I,II	4	4
HIST 2310, 2320 Survey of World History I, II <u>OR</u>			Humanities/Fine Arts Elective <sup>1</sup>	3	3
HIST 2010 or 2020 or 2030 <sup>2</sup>	3	3	Social/Behavioral Science Elective <sup>1</sup>	3	3
COMM 2025 Fundamentals of Communication <sup>3</sup>	0				
Total	17	13	Total	14	17

### TENNESSEE TECHNOLOGICAL UNIVERSITY ELECTRICAL AND COMPUTER ENGINEERING - BACHELOR OF SCIENCE DEGREE

Advisor: Carol McGee, Professional Advisor  
Clement Hall 318, cmcgee@tntech.edu  
(Recommend the advisor be contacted prior to transfer.)

Third Year		Fourth Year		
CSC 2400 Design of Algorithms	3	ECE 3010 Signals & Systems		3
ECE 2001 Computer-Aided Engineering in ECE	1	ECE 3020 Discrete-Time Signals and Systems		3
ECE 2010 Electric Circuits I	3	ECE 3060 EE Lab II		1
ECE 2011 EE Lab I	1	ECE 3300 Electronics I		3
ECE 2020 Electric Circuits II	3	ECE 3160 Digital Systems Lab		1
ECE 2110 Intro to Digital Systems	3	ECE 3130 Microcomputer Systems		4
MATH 2110 Calculus III	4	ECE 3920 Professional Issues in ECE		1
MATH 2120 Differential Equations	3	ECE 4140 Embedded System Design		3
MATH 3470 Introductory Introductory Statistics	3	CmpE elective <sup>3</sup>		1
Total	24	CSC 2500 Unix Laboratory		1
		CSC 4200 Computer Networks		3
Fifth Year		Total		24
ECE 4961, 4971 Capstone Design I, II	6			
ECE 4110 Digital System Design	3			
ECE 4120 Fundamentals of Computer Design	3			
EE elective <sup>3</sup>	3			
CmpE elective <sup>3</sup>	4			
CSC 4100 Operating Systems	3			
CS elective <sup>3</sup>	3			
Total	24			

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

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

<sup>3</sup>Select from the ECE Department approved list.

In order to transfer into the Electrical and Computer 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 <sup>3</sup>	4	4	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
Social/Behavioral Science Elective <sup>1</sup>	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 <sup>1</sup>	3	3
			Elective <sup>2</sup>	0	3
<b>Total</b>	<b>14</b>	<b>14</b>	<b>Total</b>	<b>16</b>	<b>16</b>

TENNESSEE TECHNOLOGICAL UNIVERSITY  
 COMPUTER SCIENCE: CYBER-SECURITY - BACHELOR OF SCIENCE DEGREE  
 Advisor: Dr. Jerry Gannod, Department Chairperson  
 Bruner Hall 244B, Phone: (931) 372-3691

Junior Year		Senior Year	
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 2500 Unix Lab	1	CSC 4570 IT Security	3
CSC 2560 Networks for Information Technologists	3	CSC 4575 Information Assurance and Cryptography	3
CSC 3710 Foundations of Computer Science	3	CSC 4610, 4620 Software Engineering I, II	6
CSC 3040 Professionalism, Communication and Research in Computing	3	MATH 3070 or 3470 Science <sup>4</sup>	4
CSC 3300 Database Management Systems	3	CSC or Cyber-Security Elective <sup>5</sup>	3
CSC 3410 Computer Organization and Assembly Language Programming	3		
CSC or Cyber-Security Elective <sup>5</sup>	3		
<b>Total</b>	<b>29</b>	<b>Total</b>	<b>31</b>

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table [www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>3</sup>Take a least one sequence from BIOL 1113-1123, BIOL 1113-2310, CHEM 1110-1120, GEOL 1040-1045 or PHYS 2110-2120. The two sequences must be in different disciplines.

<sup>4</sup>Must be a different discipline then the required science sequence.

<sup>5</sup>At least 3 credit hours must come from the approved list of Cyber-Security Electives: CSC 3220, CSC 4220, CSC 4850, CSC 4760 (5760), CSC 4770, CJ 3650, DS 4125.

## 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	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>		
Science Sequence <sup>2</sup>	4	4	ENGL 2110 or 2120 Early or Modern American Lit 0		3
Social/Behavioral Science Electives <sup>1</sup>	3	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 <sup>1</sup>	3	3
			CISP 1010, 1020 Computer Science I, II	4	4
			Elective	0	3
Total	14	14	Total	16	16

TENNESSEE TECHNOLOGICAL UNIVERSITY  
 COMPUTER SCIENCE: SOFTWARE AND SCIENTIFIC APPLICATIONS - 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 & Design		4	CSC 4200 Computer Networks		3
CSC 2400 Design of Algorithms		3	CSC 4320 Computer Architecture		3
CSC 2500 Unix Lab		1	CSC 4610 Software Engineering I		3
CSC 3710 Foundations of Computer Science		3	CSC 4620 Software Engineering II		3
CSC 3040 Professionalism, Communication and Research in Computing		3	4000-level CSC Elective		3
CSC 3300 Database Management Systems		3	CSC Upper-Division Elective <sup>3</sup>		3
CSC 3410 Comp. Organ. & Assem. Lang. Prog.		3	Upper-division Elective		3
CSC Elective		3	Second Science Sequence <sup>2</sup>		4
MATH 3070 or 3470		3	Elective		3
Total		29	Total		31

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Take at least one science sequence from BIOL 1113-1123, BIOL 1113-2310; CHEM 1110-1120; GEOL 1040-1045 or PHYS 2110-2120. The two sequences must be in different disciplines.

<sup>3</sup>Take any additional 3000-or 4000-level CSC course except 4990.

**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 - 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 <sup>1</sup>	3	3	PSYC 1030 Introduction to Psychology	0	3
Electives <sup>2</sup>	0	3	Electives <sup>2</sup>	1	6
<b>Total</b>	<b>16</b>	<b>16</b>	<b>Total</b>	<b>13</b>	<b>15</b>

#### TENNESSEE TECHNOLOGICAL UNIVERSITY

#### COMMUNICATION (JOURNALISM CONCENTRATION) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Brenda Wilson, Interim 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 <sup>3</sup>
COMM 2090 Interpersonal Communication	3 COMM 3100 Communication Theory
JOUR 3370, 3400, or 3500	3 COMM 3200 Research Methods in Communication
JOUR 3460 Introduction to Public Relations	3 JOUR 3740 Advertising Copy and Layout
Emphasis Area Courses <sup>3</sup>	6 JOUR 3750 History of Journalism
COMM 3620 Intercultural Communication	3 JOUR 3770 Law of Journalism
GEOG 1012 Cultural Geography	3 JOUR 4360 Magazine Production and Design
Electives	3 JOUR 4820 Advanced Reporting
	3 JOUR 4930 Advanced Copy Editing
	3 JOUR 4710 or 4830
<b>Total</b>	<b>27</b>

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table [www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>3</sup>See 2019-20 Undergraduate Catalog at [www.tntech.edu/uccatalog/home](http://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 1020 Introduction to Media Writing	3	0
MCOM 1010 Survey of Mass Communication	0	3	HIST 2010, 2020 Early, Modern United States History	3	3
COMM 2025 Fundamentals of Communication	0	3	ENGL 2310 or 2320 Early or Modern World Lit	3	0
General Education MATH	3	0	PSYC 1030 Introduction to Psychology	0	3
Natural Science	4	4	Electives <sup>2</sup>	0	4
SOCI 1010 Intro to Sociology	3	0	Humanities/Fine Arts Elective <sup>1</sup>	3	3
Total	13	13	Total	12	13

#### TENNESSEE TECHNOLOGICAL UNIVERSITY

#### COMMUNICATION (JOURNALISM CONCENTRATION) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Brenda Wilson, Interim Department Chairperson, Communication Department

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

Junior Year	F	SP	Senior Year	F	SP
BMGT 3510 Management & Organization Behavior	3	3	COMM 3100 Communication Theory	3	3
JOUR 3370, 3400, or 3500 Introduction to Public Relations	3	3	COMM 3200 Research Methods in Communication	3	3
JOUR 3460 Public Relations Writing	3	3	JOUR 3350 Newspaper Production and Design	3	3
JOUR 3470 History of Journalism	3	3	JOUR 3740 Advertising Copy and Layout	3	3
JOUR 3750 Magazine Production and Design	3	3	JOUR 3770 Law of Journalism	3	3
JOUR 4360 Interpersonal Communication	3	3	JOUR 4460 Public Relations/Cases & Practices	3	3
COMM 2090 Intercultural Communication	3	3	JOUR 4820 Advanced Reporting	3	3
COMM 3620 Emphasis Area Courses <sup>3</sup>	6	6	JOUR 4710 or 4830 Advanced Copy Editing	3	3
GEOG 1012 Cultural Geography	3	3	JOUR 4930 Group Dynamics	3	3
Total	33	33	PSY 3410 Emphasis Area Courses <sup>3</sup>	6	6
Total	33	33	Total	36	36

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table [www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>3</sup>See 2019-20 Undergraduate Catalog at [www.tntech.edu/uccatalog/home](http://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	0	3	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
Natural Science <sup>1</sup>	4	4	ENGL 2110 or 2120 Early or Modern American Lit	0	3
Humanities/Fine Arts Elective <sup>1</sup>	3	3	ECON 2200 Principles of Microeconomics	0	3
			SOCI 1010 Introduction to Sociology	0	3
			COMM 2025 Fundamentals of Communication	3	0
			Electives <sup>2</sup>	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
BMGT 3510 Management & Organization Behavior	3	3	BMGT 3630 Human Resource Management	3	3
LIST 4093 Special Topics	3	3	FOED 3010 Integrating Instructional Tech	3	3
SOC 3300 Occupational Sociology	3	3	FOED 4340 Technology for Presentations	3	3
SOC 4430 People in Organizations	3	3	LAW 2810 Business Legal Environment and Ethics	3	3
PC 3250 Professional Communication I	3	3	SPAN 3550 Latin American: The Countries & the People	3	3
LIST 4100 Adult Learning	3	3	LIST 4850 Topics in Org Development	3	3
Social Science Upper-Division	6	6	COMM 3000 Computer Mediated Communication	3	3
Directed Electives Upper Division	6	6	UNIV 4116 Internship	6	6
			LIST 4995 Capstone Project	3	3
Total	30	30	Total	30	30

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table [www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php](http://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	3	0	ENGL 2210 or 2220 Early or Modern British Lit <u>OR</u>		
Natural Science <sup>1</sup>	4	4	ENGL 2110 or 2120 Early or Modern American Lit	0	3
Humanities/Fine Arts Elective <sup>1</sup>	3	3	ECON 2200 Principles of Microeconomics	0	3
Elective <sup>2</sup>	0	3	SOCI 1010 Introduction to Sociology	0	3
			COMM 2025 Fundamentals of Communication	3	0
			Electives <sup>2</sup>	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		
Concentration Area credits (3000-4000 level courses)	12		Concentration Area credits		12
Electives credits (3000-4000 level)	18		Electives credits		15
			LIST 4995 Capstone Project (last semester; all concentration requirements must be completed prior)		3
Total	30		Total		30

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table [www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php](http://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 <sup>1</sup>	3	0
General Education MATH	0	3	Humanities/Fine Arts Elective <sup>1</sup>	0	3
Natural Science <sup>1</sup>	4	4	Electives <sup>2</sup>	10	12
Humanities/Fine Arts Elective <sup>1</sup>	0	3	COMM 2025 Fundamentals of Communication	3	0
<b>Total</b>	<b>16</b>	<b>13</b>	<b>Total</b>	<b>16</b>	<b>15</b>

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 (last semester; all concentration requirements must be completed prior)	3
<b>Total</b>	<b>30</b>	<b>Total</b>	<b>30</b>

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.info/welcome-tn-ecampusinfo>.

# 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 <sup>1</sup>		3	NRSNG 1620	Medical-Surgical Nursing 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: Ben Clark  
 Nursing and Health Services Building 208, Phone (931) 372-3229

Transition-TTU		
ENGL 1020 <sup>3</sup>	English Composition II	3
ENGL 2130, 2235, or 2330 <sup>3</sup>		3
Humanities/Fine Arts Elective <sup>5</sup>		3
HIST 2010, 2020 <sup>3</sup>	Early, Modern US History	6
SOC 1010 <sup>3</sup>	Introduction to Sociology	3
Elective <sup>6</sup>		3
	Total	24

Junior Year		Senior Year			
NLN <sup>2</sup>	Mobility Profile II Exams		NURS 3430	Survey of Pharmacological Aspects	
NURS 3260, 3261 or 3281				of Nursing	3
	Health Assessment & Promotion	2-3	NURS 4300	Research in Health Care	3
NURS 3270, 3271, 3250, 3280, 3350, 3361, 3370, 3371, 4000, 4001, 4100, 4101 <sup>4</sup>		32	NURS 4350	Health of Communities	4
NURS 3380	Pathophysiological Processes		NURS 4431	Health of Communities: Lab	3
	for the Prof. Nurse	3	NURS 4450	Leadership & Management	3
NURS 3465	Bridging to Professional Nursing		NURS 4451	Leadership & Management: Lab	4
	Practice	4			
	Total	42		Total	20

<sup>1</sup>Must 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](http://www.tntech.edu/admissions/undergraduate/transfer/transfercredit.php).

<sup>2</sup>If 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.

<sup>3</sup>Equivalent courses may be taken at Roane State and transferred to TTU.

<sup>4</sup>Credit 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](http://www.tntech.edu/nursing) under "How to Apply".

<sup>5</sup>Courses must be selected from the general education list.

<sup>6</sup>Any three hour course not otherwise required

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



**2019-2020****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.

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