

TRANSFER AGREEMENT

2017-18

Roane State Community College

Tennessee Technological University

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

CONTENTS

Transfer Agreement Policies	i
Admission Standards	i
Application	i
Expenses	i
Scholarship Information	i
Undergraduate Colleges and Departments	ii
Questions Directory	ii
College of Agriculture and Human Ecology	1
College of Arts and Sciences	8
College of Business	13
College of Education	20
College of Engineering	32
College of Interdisciplinary Studies	36
School of Nursing	39
Army ROTC	40
Index	41

Transfer Agreement Policies

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

Admissions Standards

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

Application

1. Apply online at www.tntech.edu/admissions/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). You can pay at the end of the application or online at www.tntech.edu/payapplicationfee. If you are applying for Summer Term 2018 or later, you will log back into your application to pay the fee.
3. Request ALL official transcripts be sent to TTU 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

are received. Admission decisions will be mailed to the address provided by the student. You may also check your application status by logging back into your application.

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

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

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

Contact Information:
Phone: (931) 372-3888
Toll Free: (800) 255-8881
admissions@tntech.edu
M-F 8:00am-4:30pm (CT)

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

Expenses

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

Scholarship Information

Scholarship opportunities are available for transfer students. For scholarship information, check the scholarship web site at www.tntech.edu/scholarships/ The scholarship deadline date is December 15 for the next academic year.

Undergraduate Colleges and Departments

College of Agriculture and Human Ecology

School of Agriculture
School of Human Ecology

College of Arts and Sciences

Biology
Chemistry
Communication
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

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
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
INFS 1010	Computer Applications	0	3	ACCT 1010, 1020	Principles of Accounting I, II	3	3
ENGL 1010, 1020	Composition I, II	3	3	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
HIST 2010, 2020	U.S. History I, II	3	3	ENGL 2310 or 2320	World Literature I or II <u>OR</u>		
MATH 1130, 1530, 1630, 1830 or 1910		0	3-4	ENGL 2210 or 2220	British Literature I or II <u>OR</u>		
Natural Science		4	4	ENGL 2110 or 2120	American Literature I or II	0	3
Humanities/Fine Arts Elective ¹		3	0	SPCH 1010	Fundamentals of Speech	3	0
				Humanities/Fine Arts Elective ¹		0	3
				Electives		3-4	3
				Total		12-13	12
				Total		13	16-17

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 3110	Agricultural Marketing and Futures	3	AGBE 4120	Natural Resource Economics	3
AGBE 3400	Agricultural Finance	3	AGBE 4130	Agricultural Policy	3
AGBE 4030	Agribusiness Management	3	AGBE 4210	Agricultural & Biological Statistics	3
AGET 2110, 2115 or 3110, 3115		3	AGR 4930	Senior Seminar	2
AGHE 1020	Connections in Agriculture and Human Ecology	1	BMGT 3510	Management and Organization Behavior	3
ANS 1200	Introductory Animal Science	3	LAW 3810	Business and Legal Environment and Ethics	3
AGRN 1100	Plant Science	3	MKT 3400	Principles of Marketing	3
AGRN 2300	Soils	3	Upper Division Business or Economics Electives		6
Upper Division Agriculture Electives ³		3	Upper Division Agriculture Electives ³		6
			Total		35
			Total		28

(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 3810 and ECON 3610.)

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

²May not be a course in agriculture. Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table www.tntech.edu/admissions/transfer/apply/credits/.

³Selected 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 U.S. History I, II	3	3	ENGL 2310 or 2320		
MATH 1130, 1530, 1630, 1730, 1830 or 1910 (Select two)	3	3-4	World Literature I or II <u>OR</u> ENGL 2210 or 2220		
CHEM 1010, 1020 or CHEM 1110, 1120	4	4	British Literature I or II <u>OR</u>		
Social/Behavioral Science Elective ¹	3	0	ENGL 2110 or 2120		
			American Literature I or II	3	0
			SPCH 1010 Fundamentals of Speech	0	3
			Humanities/Fine Arts Electives ²	3	3
			BIOL 1110, 1120 or PHYS 2010, 2020	4	4
			Social/Behavioral Science Elective ¹	0	3
			Electives	1-2	3
Total	16	13-14	Total	14-15	16

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		3	3	Senior Year		3	1-4
ACCT 3720 Survey of Accounting	3			AGBE 3110 Agricultural Marketing and Futures	3		
AGBE 2100 Economics of Agriculture	3			AGET 3510, 3560, 3565, 4620, 4940, 4950, 4960, 4970, 4980; or AGR 4920, 3940, 3950 3960			
AGET 2110, 2115 Agricultural Engineering Technology	3			(Select one)			1-4
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			AGR 4930 Senior Seminar	2		
ANS 1210 Introductory Animal Science Lab	1			BMGT 3510 Management and Organization Behavior	3		
AGRN 1100 Plant Science	3			Upper-division Agricultural Electives ⁴	9		
AGRN 1110 Plant Science Lab	1						
AGRN 2300, 2310 Soils, Soil Chemical Properties	4			Total		27	
MET 2000 Occupational Safety	2						
Total		33					

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

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

³Select any course from any Agriculture discipline.

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

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 U.S. History I, II	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	World Literature I or II <u>OR</u>		
Electives ¹	3	2	ENGL 2210 or 2220		
			British Literature I or II <u>OR</u>		
			ENGL 2110 or 2120		
			American Literature I or II	0	3
			SPCH 1010 Fundamentals of Speech	0	3
			Humanities/Fine Arts Electives ²	3	3
			Social/Behavioral Science Electives ²	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	AGR 4930 Senior Seminar		2
AGET 2110, 2115 or 3110, 3115		3	AGRN 4130 Forage Crops Production & Mgmt.		3
AGHE 1020 Connections in Agriculture and Human Ecology		1	ANS 3020 Feeds & Feeding		3
ANS 1200 Introductory Animal Science		3	ANS 3130 Animal Breeding		3
ANS 1210 Introductory Animal Science Lab		1	ANS 3310 Meat, Dairy, and Poultry Products		3
ANS 2020, 2110 Livestock Mgmt., Livestock Eval.		6	4000-Level ANS Production Courses		6
ANS 3010 Animal Nutrition		3	Upper-division Agriculture Electives ³		3
ANS 3140 Reproduction in Farm Animals		3	BIOL 3200 or 3230		
ANS 3150 Common Diseases & Parasites of Domestic Animals		3	Microbiology		4
AGRN 1100 Plant Science		3	CHEM 3005 Elementary Organic Chemistry		4
AGRN 1110 Plant Science Lab		1			
AGRN 2300, 2310 Soils, Soil Chemical Properties		4			
Total		34	Total		30-31

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

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

³Upper-division course from any Agriculture discipline.

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

8/18/17

SCHOOL OF HUMAN ECOLOGY

HUMAN ECOLOGY

CHILD DEVELOPMENT AND FAMILY RELATIONS

ROANE STATE COMMUNITY COLLEGE

A.A.S. EARLY CHILDHOOD EDUCATION DEGREE

Freshman Year		Sophomore Year			
ENGL 1010	Composition I	3	ECED 2360	Developmental of Exceptional Children	3
ECED 1310	Intro to Early Childhood Education	3	ECED 2370	Development Assessment	3
ECED 2310	Safe, Healthy, Learning Environment	3	ECED 2380	Language & Literacy in Early Childhood	3
ECED 2315	Early Childhood Curriculum	3	ECED 2385	Math & Science in Early Childhood	3
ECED 2320	Infant, Toddler Child Development	3	ECED 2365	Final Practicum	3
ECED 2335	Clinical Practicum I	3	ECED Elective		3
ECED 2340	Family Dynamics & Community Involvement	3	Humanities/Fine Arts Elective ¹		3
MATH 1530	Probability and Statistics	3	MUS 1030	Music Appreciation	3
PSYC 1030	General Psychology	3	BIOL 1110	General Biology I	4
SPCH 1010	Fundamentals of Speech	3	PSY 2130 or Elective		3
	Total	30	Total		31

TENNESSEE TECHNOLOGICAL UNIVERSITY

HUMAN ECOLOGY

(CHILD DEVELOPMENT & FAMILY RELATIONS CONCENTRATION) - BACHELOR OF SCIENCE DEGREE

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

(931) 372-3157

Transition-Roane State		Senior Year			
ENGL 1020	Composition II	3	ECSP 4300	Assessment of Young Children	3
ENGL 2110, 2120, 2210, 2220, 2310 or 2320		3	HEC 3011	Consumer Economics	3
SOCI 1010	Intro to Sociology	3	HEC 3290	Nutrition through the Life Cycle	3
	Total	9	HEC 3500	Development: Middle Childhood/Adolescence	3
			HEC 3660	Interpersonal Relationships	3
			HEC 3565	End of Life Application for Children and Families	3
Junior Year			HEC 3700	Development: Young Adulthood/Aging	3
Natural Science		4	HEC 4005	Senior Seminar in Human Ecology	2
ECSP 3001	Curriculum for Infants, Toddlers & Preschoolers	3	HEC 4065	Social Policy for Children and Families	3
ECSP 3211	Practicum: Procedures for Infants, Toddlers and Preschoolers	1	HEC 4600	Theories in Family Development & Relationships	3
EXPW 2150	Human Sexuality	3	HEC 4610	Families: Normative/Catastrophic Issues	3
HIST 2010, 2020	Early US History, Modern US History	6	HEC 4630	Family Life Education	3
HEC 1005	Intro to Human Ecology	1	HEC 4910	Internship in Child Development	6
HEC 1020	Social and Professional Etiquette	1	HEC core ²		3
HEC 1030	Introduction to Nutrition	2	Upper-Division Elective		3
HEC 2065	Families in Society	3	Total		47
HEC 2510	Creative Play	3			
HEC 3520	Parent Ed & Child Guidance	2			
HEC 3066	Family Violence across the Lifespan	3			
AGHE 1020	Connections in Agriculture and Human Ecology	1			
	Total	33			

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

²HEC-CDFR students may select 3 credits from the HEC core list of courses: HEC 1010 Life Span Development (3), HEC 2031 Aspects of Dress (3), or HEC 2041 Intro to Aspects of Housing & Furnishings (3).

⁴Total credit hours for program must total to 120 hours. Three hours must be upper-division.

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

HUMAN ECOLOGY FOOD SYSTEMS ADMINISTRATION

ROANE STATE COMMUNITY COLLEGE

A.S. DEGREE

Freshman Year			Sophomore Year		
CHEM 1010, 1020 Intro Chemistry I, II	8		ACCT 1010 Principles of Accounting I	3	
ENGL 1010, 1020 Composition I, II	6		ECON 2020 Microeconomics	3	
MATH 1130 College Algebra	3		BIOL 1110 General Biology I	4	
MATH 1530 Probability and Statistics	3		ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
PSYC 1030 General Psychology	3		ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
SPCH 1010 Fundamentals of Speech	3		ENGL 2110 or 2120 American Literature I or II	3	
Humanities/Fine Arts Electives ¹	3		SOCI 1010 Intro to Sociology	3	
Electives	3		HEA 201 Principles of Nutrition	3	
			HIST 2010, 2020 U.S. History I, II	6	
			Humanities/Fine Arts Electives ¹	3	
Total	32		Total	28	

TENNESSEE TECHNOLOGICAL UNIVERSITY

HUMAN ECOLOGY (Food Systems Administration Concentration) - BACHELOR OF SCIENCE DEGREE

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

Phone: (931) 372-3157

Junior Year			Senior Year		
HEC 1005 Intro to Human Ecology	1		BIOL 3230 Health Science Microbiology	4	
HEC 1010 Life Span Development	3		BMGT 3510 Management & Organization Behavior	3	
HEC 1020 Social Intelligence and Professional Etiquette	1		BMGT 3630 Human Resource Management	3	
HEC 2031 or HEC 2041	3		HEC 3290 Nutrition through the Life Cycle	3	
HEC 2065 Families in Society	3		HEC 4005 Senior Seminar in Human Ecology	2	
HEC 2240 Food Preparation and Management	4		HEC 4242 Food Systems Administration	3	
HEC 3011 Consumer Economics	3		HEC 4940 Nutrition, Fitness and Wellness	2	
HEC 3270 Nutrition in Disease	3		HEC 4254 or 4995	6	
HEC 3240 Quantity Food Production	4		MKT 3310 or 3400	3	
AGHE 1020 Connections in Agriculture and Human Ecology	1		Electives (Upper-Division)	3	
Electives	2		Total	32	
Total	28				

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

1. To be eligible to complete endorsement to become a School Nutrition Supervisor in Tennessee, the following courses must be taken:
 - a. Take HEC 4252 instead of HEC 4995.
 - b. Enroll in 18 total credits of Education, Psychology or Sociology- See advisor for suggested courses.
 - c. Successfully complete BGMT 3630, ACCT 2110, HEC 4242, HEC 2020 and MATH 1530.
2. To be eligible to apply for an Environmental Health Specialist in Tennessee, twenty-four (24) credits in natural sciences are required. See advisor for suggested courses.
3. NOTE: This option DOES NOT meet accreditation content requirements to complete the Didactic Program in Dietetics (DPD) and therefore students in the FSA option are not eligible to continue requirements to become a Registered Dietitian.

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

HUMAN ECOLOGY HOUSING AND DESIGN

ROANE STATE COMMUNITY COLLEGE

A.S. DEGREE

Freshman Year	8	Sophomore Year	6
CHEM 1010, 1020 Intro Chemistry I, II	8	ECON 2010, 2020 Macroeconomics, Microeconomics	6
ENGL 1010, 1020 Composition I, II	6	INFS 1010 Computer Applications	3
MATH 1130 College Algebra	3	ENGL 2310 or 2320 World Literature I or II <u>OR</u>	
MATH 1010 or 1530	3	ENGL 2210 or 2220 British Literature I or II <u>OR</u>	
PSYC 1030 General Psychology	3	ENGL 2110 or 2120 American Literature I or II	3
SPCH 1010 Fundamentals of Speech	3	SOCI 1010 Intro to Sociology	3
ARTH 1030 Art Appreciation	3	HEA 131 or 201	2-3
		HIST 2010, 2020 U.S. History I, II	6
		Humanities/Fine Arts Elective ¹	3
		Electives	3
Total	29	Total	30

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

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

Phone: (931) 372-3157

Junior Year	1	Senior Year	3
HEC 1005 Intro to Human Ecology	1	HEC Core ²	3
HEC 2041 Aspects of Housing & Furnishings	3	HEC 3011 Consumer Economics	3
HEC 2065 Families in Society	3	HEC 2320 Analysis of Apparel and Furnishings	3
HEC 2411 Practicum: Housing & Design	1	HEC 4005 Senior Seminar in HEC	2
HEC 2421 Architectural Graphics & Presentation Techniques	3	HEC 4450 Commercial Design	3
HEC 2431 Residential Design I	3	HEC 4460 Historical and Contemporary Architecture and Furnishings	3
HEC 2440 Computer Aided Design of Residence	3	FIN 3410 Principles of Real Estate	3
HEC 2460 Interior Architecture Codes and Standards	2	HEC Upper-Division Electives	6
HEC 3310 Textiles I	3	MKT 3400 Principles of Marketing	3
HEC 3320 Textiles II	3		
HEC 3431 Residential Design II	3		
HEC 3350 Merchandising I	3		
AGHE 1020 Connections in Agriculture and Human Ecology	1		
Total	32	Total	29

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

²HEC Core

HEC 1010 Life Span Development	3
HEC 1020 Social Intelligence	1
HEC 2031 Aspects of Dress	3

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

HUMAN ECOLOGY MERCHANDISING AND DESIGN

ROANE STATE COMMUNITY COLLEGE

A.S. DEGREE

Freshman Year		Sophomore Year			
CHEM 1010, 1020	Intro Chemistry I, II	8	ECON 2010, 2020	Macroeconomics, Microeconomics	6
ENGL 1010, 1020	Composition I, II	6	ENGL 2310 or 2320	World Literature I or II <u>OR</u>	
MATH 1010	Survey of Mathematics	3	ENGL 2210 or 2220	British Literature I or II <u>OR</u>	
MATH 1530	Probability and Statistics	3	ENGL 2110 or 2120	American Literature I or II	3
PSYC 1030	General Psychology	3	SOCI 1010	Intro to Sociology	3
SPCH 1010	Fundamentals of Speech	3	HEA 131 or 201		3
Humanities/Fine Arts Electives ¹		6	HIST 2010, 2020	U.S. History I, II	6
			Electives		4
	Total	32		Total	25

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			
HEC 1005	Intro to Human Ecology	1	ACCT 3720	Survey of Accounting	3
HEC 1300	Clothing Construction	3	HEC 3310	Textiles I	3
HEC 2031	Aspects of Dress	3	HEC 3320	Textiles II	3
HEC 2065	Families in Society	3	HEC 4005	Senior Seminar in Human Ecology	2
HEC 2311	Practicum: Merchandising & Design	1	HEC 4320	Merchandise Promotion & Advertising	3
HEC 2320	Analysis of Apparel and Furnishings	3	HEC 4360	Merchandising II	3
HEC 3011	Consumer Economics	3	HEC 4990	Internship	6
HEC 3305	Fashion Forecasting	2	Upper Division Business Elective		3
HEC 3350	Merchandising I	3	HEC Elective ²		3
HEC 2300, 3300, 4340 or 4301		6			
HEC 4340	History of Dress	3			
MKT 3400	Principles of Marketing	3			
HEC Core		3	Total		26
AGHE 1020	Connections in Agriculture and Human Ecology	1			
	Total	40			

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

²HEC Core

HEC 1010	Life Span Development	3
HEC 1020	Social Intelligence	1
HEC 2041	Aspects of Housing and Furnishings	3

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

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	COMM 1010 Survey of Mass Communications	0	3
SPCH 1010 Fundamentals of Speech	0	3	COMM1020 Introduction to Media Writing	3	0
General Education MATH	3	0	HIST 2010, 2020 U.S. History I, II	3	3
Natural Science	4	4	POLS 1030 American Government	3	0
SOCI 1010 Intro to Sociology	3	0	ENGL 2310 or 2320 Survey of World Literature	3	0
Humanities/Fine Arts Electives ¹	3	3	PSYC 1030 General Psychology	0	3
Electives	0	3	Electives ²	1	6
Total	16	16	Total	13	15

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
JOUR 3350 Newspaper Production and Design	3	3	Emphasis Area Courses ³	6	6
COMM 2090 Interpersonal Communication	3	3	COMM 3100 Communication Theory	3	3
JOUR 3400 or 3370	3	3	COMM 3200 Research Methods in Communication	3	3
JOUR 3460 Introduction to Public Relations	3	3	JOUR 3740 Advertising Copy and Layout	3	3
Emphasis Area Courses ³	6	6	JOUR 3750 History of Journalism	3	3
COMM 3620 Intercultural Communication	3	3	JOUR 3770 Law of Journalism	3	3
SOC 1100 or GEOG 1012	3	3	JOUR 4360 Magazine Production and Design	3	3
Electives	3	3	JOUR 4820 Advanced Reporting	3	3
			JOUR 4930 Advanced Copy Editing	3	3
			JOUR 4710 or 4830	3	3
Total	27	27	Total	33	33

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

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

³See 2017-18 Undergraduate Catalog at www.tntech.edu/uccatalog/home for a selection of emphasis courses.

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

COMMUNICATION - JOURNALISM CONCENTRATION Public Relations Option

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	COMM 1020 Introduction to Media Writing	3	0
COMM 1010 Survey of Mass Communication	0	3	HIST 2010, 2020 U.S. History I, II	3	3
SPCH 1010 Fundamentals of Speech	0	3	ENGL 2310 or 2320		
General Education MATH	3	0	Survey of World Literature	3	0
Natural Science	4	4	PSYC 1030 General Psychology	0	3
SOCI 1010 Intro to Sociology	3	0	Electives ²	0	4
			Humanities/Fine Arts Elective ¹	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 3400 or 3370	3	3	COMM 3200 Research Methods in Communication	3	3
JOUR 3460 Introduction to Public Relations	3	3	JOUR 3350 Newspaper Production and Design	3	3
JOUR 3470 Public Relations Writing	3	3	JOUR 3740 Advertising Copy and Layout	3	3
JOUR 3750 History of Journalism	3	3	JOUR 3770 Law of Journalism	3	3
JOUR 4360 Magazine Production and Design	3	3	JOUR 4460 Public Relations/Cases & Practices	3	3
COMM 2090 Interpersonal Communication	3	3	JOUR 4820 Advanced Reporting	3	3
COMM 3620 Intercultural Communication	3	3	JOUR 4830 OR 4710	3	3
Emphasis Area Courses ³	6	6	JOUR 4930 Advanced Copy Editing	3	3
SOC 1100 or GEOG 1012	3	3	PSY 3410 Group Dynamics	3	3
			Emphasis Area Courses ³	6	6
Total	33	33	Total	36	36

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

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

³See 2017-18 Undergraduate Catalog at www.tntech.edu/uccatalog/home for a selection of emphasis courses.

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

DEPARTMENT OF BIOLOGY

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 World Literature I or II <u>OR</u>		
CHEM 1110, 1120 General Chemistry I, II	4	4	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2110 or 2120 American Literature I or II	0	3
MATH 1130 College Algebra	3	0	GEOL 1040 Physical Geology	4	0
MATH 1830 Calculus for Business	0	3	HIST 2010, 2020 U.S. History I, II	3	3
			SPCH 1010 Fundamentals of Speech	3	0
			Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
			Electives ²	0	4
Total	14	14	Total	16	16

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Advisor: Dr. Robert Kissell, Department Chairperson

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

Junior Year			Summer (Course offered summer only)	
BIOL 1000 Intro to Biological Methods	1	WFS 4790 Wildlife Techniques		6
BIOL 2110 General Botany	4	Total		6
BIOL 3810 General Genetics	4	Senior Year		
BIOL 3920 Biological Communication Skills	3	AGHT 3450 Dendrology		3
BIOL 4330 Plant Ecology	3	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
BIOL 3240 Field Botany	3	WFS 4830 Herpetology		3
WFS 3500 Wildlife Law Enforcement	3	WFS 4700 Habitat Management		3
WFS 4740 Wildlife Principles	2	MATH 3070 or BIOL/WFS 4220		3
Science Directed Electives ³	3-4			
Total	32-33	Total		21

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

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

³ 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 4640, WFS 4711, WFS 4730, WFS 4770, WFS 4810, 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 - 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	World Literature I or II <u>OR</u>		
CHEM 1110, 1120	General Chemistry I, II	4	4	ENGL 2210 or 2220	British Literature I or II <u>OR</u>		
ENGL 1010, 1020	Composition I, II	3	3	ENGL 2110 or 2120	American Literature I or II	0	3
MATH 1130	College Algebra	3	0	GEOL 1040	Physical Geology	4	0
MATH 1830	Calculus for Business	0	3	HIST 2010, 2020	U.S. History I, II	3	3
				SPCH 1010	Fundamentals of Speech	3	0
					Humanities/Fine Arts Electives ¹	3	3
					Social/Behavioral Science Electives ¹	3	3
					Electives ²	0	4
	Total	14	14		Total	16	16

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

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

Junior Year			Senior Year	
BIOL 1000	Intro to Biological Methods	1	BIOL 333 or 4610	3
BIOL 2110	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 4740	Wildlife Principles 2
BIOL 4610	Invertebrate Zoology	3	WFS 4730	Conservation Biology 3
GEOL 2000	Earth Evolution & Life History	3	WFS 4810 or 4830	Ichthyology or Herpetology 3
MATH 3070	Statistical Methods I	3	Science Directed Electives ³	6-10
WFS 3130	General Ecology	4		
	Total	30	Total	30

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

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

³ 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 World Literature I or II <u>OR</u>		
CHEM 1110, 1120 General Chemistry I, II	4	4	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2110 or 2120 American Literature I or II	0	3
MATH 1130 College Algebra	3	0	GEOL 1040 Physical Geology	4	0
MATH 1830 Calculus for Business	0	3	HIST 2010, 2020 U.S. History I, II	3	3
			SPCH 1010 Fundamentals of Speech	0	3
			Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
			Electives ¹	4	0
Total	14	14	Total	17	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Advisor: Dr. Robert Kissell, Department Chairperson

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

Junior Year		Senior Year		
BIOL 1000 Intro to Biological Methods	1	BIOL 3240 Field Botany		3
BIOL 2110 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 ²		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

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

²Choose 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.

COLLEGE OF BUSINESS

BUSINESS MANAGEMENT - BUSINESS INTELLIGENCE AND ANALYTICS

ROANE STATE COMMUNITY COLLEGE

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 2010, 2020 Macroeconomics, Microeconomics	3	3
MATH 1130, 1830 College Algebra, Calculus for Business	3	3	ENGL 2310, 2320 World Literature I or II <u>OR</u>		
Natural Science ³	4	4	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
Humanities/Fine Arts Elective ¹	3	0	ENGL 2110 or 2120 American Literature I or II	0	3
Elective ²	0	4	HIST 2010, 2020 U.S. History I, II	3	3
			SPCH 1010 Fundamentals of Speech	3	0
			Humanities/Fine Arts Elective ¹	3	0
			Elective ²	0	3
Total	16	14	Total	15	15

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

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

Junior Year		3	Senior Year		3
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 ⁴	3		ECON 3810 or 3820		3
Business Elective ⁴	3		ECON 4640 Econometrics		3
Electives ⁴	6		LAW 3810 Business Legal Environment & Ethics		3
			Business Electives ⁴		3
Total		30	Total		30

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

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

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

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

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

BUSINESS MANAGEMENT - GENERAL MANAGEMENT

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
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 2010, 2020 Macroeconomics, Microeconomics	3	3
MATH 1130, 1830 College Algebra, Calculus for Business	3	3	ENGL 2310, 2320 World Literature I or II <u>OR</u>		
Natural Science ³	4	4	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
Humanities/Fine Arts Elective ¹	3	0	ENGL 2110 or 2120 American Literature I or II	0	3
Elective ²	0	4	HIST 2010, 2020 U.S. History I, II	3	3
			SPCH 1010 Fundamentals of Speech	3	0
			Humanities/Fine Arts Elective ¹	3	0
			Elective ²	0	3
Total	16	14	Total	15	15

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

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

Junior Year	F	SP	Senior Year	F	SP
BMGT 3510 Management & Org. Behavior	3	0	BMGT 3720 Business Communication I	3	0
BMGT 3600 International Management	3	0	BMGT 4520 Organizational Leadership	3	0
BMGT 3630 Human Resource Management	3	0	BMGT 4930 Business Strategy	3	0
DS 3620 Business Analytics: Data Driven Decision Making	3	0	DS 3520 Operations Management	3	0
DS 3841 Management Info. Systems	3	0	ECON 3320, 3810, or 3820	3	0
ECON 3610 Business Statistics I	3	0	LAW 3810 Business Legal Environment & Ethics	3	0
FIN 3210 Prin. of Managerial Finance	3	0	BGMT Electives ⁴	6	0
MKT 3400 Principles of Marketing	3	0	Electives ⁴	6	0
Business Elective ⁴	3	0			
DS Elective	3	0			
Total	30	0	Total	30	0

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

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

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

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

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

BUSINESS MANAGEMENT - HUMAN RESOURCE MANAGEMENT

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	3	0	ACCT 1010, 1020 Principles of Accounting I, II	3	3
ENGL 1010, 1020 Composition I, II	3	3	ECON 2010, 2020 Macroeconomics, Microeconomics	3	3
MATH 1130, 1830 College Algebra, Calculus for Business	3	3	ENGL 2310, 2320 World Literature I or II <u>OR</u>		
Natural Science ³	4	4	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
Humanities/Fine Arts Elective ¹	3	0	ENGL 2110 or 2120 American Literature I or II	0	3
Elective ²	0	4	HIST 2010, 2020 U.S. History I, II	3	3
			SPCH 1010 Fundamentals of Speech	3	0
			Humanities/Fine Arts Elective ¹	3	0
			Elective ²	0	3
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY BUSINESS MANAGEMENT-OPTION BUHR (HUMAN RESOURCE 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 4100 Staffing
BMGT 3630 Human Resource Management	3 BMGT 4120 Compensation Administration
LAW 3810 Business Legal Environment & Ethics	3 BMGT 4150 Employment and Labor Law
DS 3620 Business Analytics: Data Driven Decision Making	3 BMGT 4610 Training and Development
DS 3841 Management Info. Systems	3 BMGT 4930 Business Strategy
ECON 3610 Business Statistics I	3 DS 3520 Operations Management
FIN 3210 Principles of Managerial Finance	3 ECON 3320, 3810, or 3820
MKT 3400 Principles of Marketing	3 Business Elective ⁴
BMGT Electives	6 Electives ⁴
Total	30
Total	30

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

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

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

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

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

BUSINESS MANAGEMENT - 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 2010, 2020 Macroeconomics, Microeconomics	3	3
MATH 1130, 1830 College Algebra, Calculus for Business	3	3	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
Natural Science ³	4	4	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
Humanities/Fine Arts Electives ¹	3	0	ENGL 2110 or 2120 American Literature I or II	0	3
Elective ²	0	4	HIST 2010, 2020 U.S. History I, II	3	3
			SPCH 1010 Fundamentals of Speech	3	0
			Humanities/Fine Arts Elective ¹	3	0
			Elective ²	0	3
Total	16	14	Total	15	15

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

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

Junior Year		3	3	Senior Year		3	3
BMGT 3630 Human Resource Management		3		BMGT 4410 Conflict Management & Negotiation		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 3810 Business Legal Environment & Ethics		3	
DS 3520 Operations Management		3		DS or BMGT Electives ⁴		6	
DS 3540 Quality & Productivity Systems		3		Business Electives ⁴		6	
DS 3620 Business Analytics: Data Driven Decision Making		3		MET Electives ⁴		6	
DS 3841 Management Info. Systems		3					
ECON 3610 Business Statistics I		3					
MKT 3400 Principles of Marketing		3					
Total		30		Total		30	

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

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

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

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

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

BUSINESS MANAGEMENT - BUSINESS AND INFORMATION TECHNOLOGY

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 I, II	3	3
ENGL 1010, 1020 Composition I, II	3	3	ECON 2010, 2020 Macroeconomics, Microeconomics	3	3
MATH 1130, 1830 College Algebra, Calculus for Business	3	3	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
Natural Science ³	4	4	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
Humanities/FineArts Elective ¹	3	0	ENGL 2110 or 2120 American Literature I or II	0	3
Elective ²	0	4	HIST 2010, 2020 U.S. History I, II	3	3
			SPCH 1010 Fundamentals of Speech	3	0
			Humanities/FineArts Elective ¹	3	0
			Elective ²	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 Timmman, 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
DS 3620 Business Analytics: Data Driven Decision Making		3	DS 3520 Operations Management		3
DS 3841 Management Info. Systems		3	DS 3870 Business Applications Development II		3
DS 3850 Business Applications Development		3	DS 4250 Business Data Communications		3
DS 3860 Business Database Management		3	DS 4330 Management Info Systems Analysis and Design		3
ECON 3610 Business Statistics I		3	DS 4550 Information Systems Development Practicum		3
FIN 3210 Principles of Managerial Finance		3	ECON 3320, 3810, or 3820		3
MKT 3400 Principles of Marketing		3	LAW 3810 Business Legal Environment & Ethics		3
DS Elective		3	Business Elective ⁴		3
Electives ⁴		3	Electives ⁴		3
Total		30	Total		30

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

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

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

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

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

FINANCE

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 I, II	3	3
ENGL 1010, 1020 Composition I, II	3	3	ECON 2010, 2020 Macroeconomics, Microeconomics	3	3
MATH 1130, 18130 College Algebra, Calculus for Business	3	3	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
Natural Science ³	4	4	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
Humanities/Fine Arts Elective ¹	3	0	ENGL 2110 or 2120 American Literature I or II	0	3
Elective ²	0	4	HIST 2010, 2020 U.S. History I, II	3	3
			SPCH 1010 Fundamentals of Speech	3	0
			Humanities/Fine Arts Elective ¹	3	0
			Elective ²	0	3
Total	16	14	Total	15	15

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

Junior Year		3	Senior Year		3
BMGT 3510 Management and Org. Behavior		3	BMGT 4930 Business Strategy		3
LAW 3810 Business Legal Environment & Ethics		3	FIN 4230 Adv. Financial Decision Analysis		3
DS 3520 Operations Management		3	ECON 4510 International Trade and Finance, <u>OR</u>		
DS 3620 Business Analytics: Data Driven Decision Making		3	FIN 4910 Multinational Financial Mgmt.		3
DS 3841 Management Info. Systems		3	Business Elective ⁴		3
ECON 3320, 3810, or 3820		3	Finance Electives ⁴		9
ECON 3610 Business Statistics I		3	Electives ⁴		6
FIN 3210 Principles of Managerial Finance		3	MKT 3400 Principles of Marketing		3
FIN 3220 Intermediate Financial Management		3			
FIN 3830 Fundamentals of Investment		3			
Total		30	Total		30

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

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

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

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

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

MARKETING

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE - GENERAL

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	3	0	ACCT 1010, 1020 Principles of Accounting	3	3
ENGL 1010, 1020 Composition I, II	3	3	ECON 2010, 2020 Macroeconomics,		
MATH 1130, 1830 College Algebra,			Microeconomics	3	3
Calculus for Business	3	3	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
Natural Science ³	4	4	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
Humanities/Fine Arts Elective ¹	3	0	ENGL 2110 or 212 American Literature I or II	0	3
Elective ²	0	4	HIST 2010, 2020 U.S. History I, II	3	3
			SPCH 1010 Fundamentals of Speech	3	0
			Humanities/Fine Arts Elective ¹	3	0
			Elective ²	0	3
Total	16	14	Total	15	15

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

Junior Year		F	SP	Senior Year		F	SP
BMGT 3510 Management and Org. Behavior		3	0	BMGT 4930 Business Strategy		3	0
DS 3520 Operations Management		3	0	MKT 4620 Marketing Research		3	0
DS 3620 Business Analytics: Data Driven		3	0	MKT 4730 Marketing Strategy		3	0
	Decision Making	3	0	Marketing Electives ⁴		12	0
DS 3841 Management Info. Systems		3	0	Business Elective ⁴		3	0
ECON 3610 Business Statistics I		3	0	Elective ⁴		3	0
ECON 3320, 3810, or 3820		3	0	LAW 3810 Business Legal Environment & Ethics		3	0
FIN 3210 Principles of Managerial Finance		3	0				
MKT 3400 Principles of Marketing		3	0				
Marketing Elective ⁴		3	0				
Elective ⁴		3	0				
Total		30	0	Total		30	0

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

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

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

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

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

COLLEGE OF EDUCATION

Admission to the Teacher Education Program for Undergraduate Students

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-to-tep/>

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 TNumber (TTU student ID number).

Upon admission to the Teacher Education Program, students will begin to 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-and-clinical-practice/>

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

Students who completed the AST (Associate Science in Teaching) Degree through a community college will have completed some 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-to-tep/>

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 TNumber (TTU student ID number).

Upon admission to the Teacher Education Program, students will begin to 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-and-clinical-practice/>

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	MSC 1012	Intro to Physical Science	0	4
GEOL 1040	Physical Geology I	0	4	ENGL 2310 or 2320	World Literature I or II <u>OR</u>		
SOCI 1010	Intro to Sociology	0	3	ENGL 2210 or 2220	British Literature I or II	0	3
SPCH 1010	Fundamentals of Speech	3	0	ENGL 2110 or 2120	American Literature I or II	3	0
				HIST 2010, 2020	U.S. History I, II	3	3
				ARTH or MUS 1030	Art or Music Appreciation	0	3
	Total	16	13		Total	12	16

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.

MULTIDISCIPLINARY STUDIES (K-5 LICENSURE)

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE IN TEACHING

Freshman Year		Sophomore Year			
ENGL 1010, 1020	Composition I, II	6	BIOL 1110	General Biology I	4
EDU 101	Introduction to Teaching	3	EDU 211	Educational Psychology	3
EDU 111	Intro to Educating Exceptional Children	3	ENGL 2310 or 2320	World Literature I or II <u>OR</u>	
MATH 1410, 1420	Number Concepts/Algebra Structures	6	ENGL 2210 or 2220	British Literature I or II <u>OR</u>	
GEOG 2010	World Regional Geography	3	ENGL 2110 or 2120	American Literature I or II	6
ARTH or MUS 1030	Art or Music Appreciation	3	HIST 2010, 2020	U.S. History I, II <u>OR</u>	
SPCH 1010	Fundamentals of Speech	3	HIST 2030	Tennessee History (Select two)	6
ASTR 1010	Intro to Astronomy <u>OR</u>	3	MATH 1530	Probability and Statistics	3
GEOL 1040	Physical Geology <u>OR</u>	3	MSC 1012	Intro to Physical Science	4
GEOL 1050	Historical Geology (Select one)	4	POLS 1030	American Government or	
			SOCI 1010	Intro to Sociology	3
	Total	31			

TENNESSEE TECHNOLOGICAL UNIVERSITY Total 29

MULTIDISCIPLINARY STUDIES: ELEMENTARY EDUCATION (K-5 LICENSURE) - BACHELOR OF SCIENCE DEGREE

Advisor: 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.

8/18/17

SECONDARY EDUCATION (7-12 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 World Literature I or II <u>OR</u>		
EDU 101 Introduction to Teaching Profession	3	0	ENGL 2210 or 2220 British Literature I or II	0	3
MATH 1530 Probability and Statistics	3	0	ENGL 2110 or 2120 American Literature I or II	3	0
PHYS 2010 Non-Calculus Based Physics I	0	4	GEO 1040 Physical Geology	0	4
Humanities/Fine Arts Elective	0	3	HIST 2010, 2020 U.S. History I, II	3	3
Elective	1	0	SPCH 1010 Fundamentals of Speech	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 (7-12 LICENSURE) - BACHELOR OF SCIENCE DEGREE
Advisor: Advisor: College of Education Student Success Center
T.J. Farr 202, Phone: (931) 372-6036

Junior Year		Senior Year	
BIOL 2010 Human Anatomy & Physiology I	4	SEED 4871 Residency I	5
BIOL 2110 General Botany	4	SEED 4872 Professional Seminar I	5
BIOL 3130 General Ecology	4	SEED 4881 Residency II	10
BIOL 3140 Cellular Biology	4	SEED 4882 Professional Seminar II	2
BIOL 3810 General Genetics	4	SPED 3000 Teaching Persons with Disabilities in the Regular Classroom	3
FOED 3010 Integrating Instruc Technology	3		
FOED 3820 Field Experiences in Education	2		
MATH 1710 Pre-Calculus I	3		
READ 3350 Teaching Reading in the Content Area	3		
SEED 4123 Material & Methods of Teaching the Sciences	3		
Elective	1		
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 (7-12 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	2	0	EDU 211 Educational Psychology	0	3
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2310 or 2320 World Literature I or II	0	3
MATH 1130 or 1530	3	0	HIST 2010, 2020 U.S. History I, II	3	3
SPCH 1010 Fundamentals of Speech	0	3	Social/Behavioral Science Electives	3	3
Humanities/Fine Arts Elective ²	0	3	FREN/GERM/SPAN 2010, 2020	3	3
Natural Science Electives ¹	4	4	Humanities/Fine Arts Elective ²	3	0
	4	0	Electives ¹	3	0
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY SECONDARY EDUCATION (7-12 LICENSURE) - BACHELOR OF SCIENCE DEGREE Advisor: Advisor: College of Education Student Success Center T.J. Farr 202, Phone: (931) 372-6036

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

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

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

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

SECONDARY EDUCATION (7-12 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 World Literature I or II <u>OR</u> ENGL 2210 or 2220 British Literature I or II	0	3
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2110 or 2120 American Literature I or II	3	0
MATH 1910, 1920 Calculus I, II	4	4	HIST 2010, 2020 U.S. History I, II	3	3
PHED Physical Education	0	1	Social/Behavioral Science Elective	3	3
Humanities/Fine Arts Elective	0	3	MATH 2010 Matrix Algebra	3	0
Science Sequence	4	4	MATH 2110 Calculus III	4	0
			MATH 2120 Differential Equations	0	3
			SPCH 1010 Fundamentals of Speech	0	3
Total	14	15	Total	16	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
SECONDARY EDUCATION (7-12 LICENSURE) - BACHELOR OF SCIENCE DEGREE
Advisor: Advisor: College of Education Student Success Center
T.J. Farr 202, Phone: (931) 372-6036

Junior Year	F	SP	Senior Year	F	SP
FOED 3010 Integrating Instructional Technology	3	0	SEED 4871 Residency I	5	0
FOED 3820 Field Experiences in Education	2	0	SEED 4872 Professional Seminar I	5	0
MATH 3070 Statistical Methods I	3	0	SEED 4881 Residency II	10	0
MATH 3400 Intro to Concepts of Math	3	0	SEED 4882 Professional Seminar II	2	0
MATH 3430 College Geometry	3	0	SEED 4322 Teaching Algebra in Middle/High School	3	0
MATH 4010, 4050, 4350, or 4360	3	0	SPED 3000 Teaching Persons with Disabilities in the Regular Classroom	3	0
MATH 4210 Numerical Analysis I	3	0			
MATH 4610 or 4620	3	0			
READ 3350 Teaching Reading in Content Area	3	0			
SEED 4122 Material & Methods of Teaching Math	3	0			
SEED 4422 Teaching Secondary Mathematics Using Technology	3	0			
Total	32	0	Total	28	0

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

SECONDARY EDUCATION (7-12 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 World Literature I or II <u>OR</u>		
HIST 1210 or 1220	0	3	ENGL 2210 or 2220 British Literature I or II	0	3
HIST 2010, 2020 U.S. History I, II	3	3	ENGL 2110 or 2120 American Literature I or II	3	0
MATH 1130 or 1530	3	0	HIST 1010, 1020 Survey of Western Civ I, II	3	3
Science Sequence	4	4	PSYC 1030 General Psychology	0	3
Elective	0	1	SOCI 1010 Intro to Sociology	0	3
			SPCH 1010 Fundamentals of Speech	3	0
			POLS 1030 American Government	3	0
			Humanities/Fine Arts Elective	3	0
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY SECONDARY EDUCATION (7-12 LICENSURE) - BACHELOR OF SCIENCE DEGREE

Advisor: Advisor: College of Education Student Success Center

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

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
GEOG 1012 Cultural Geography	3		SEED 4881 Residency II		10
HIST 3100 Tennessee Topics	3		SEED 4882 Professional Seminar II		2
HIST 3410 Intro to Historical Method	3		SPED 3000 Teaching Persons with Disabilities in the Regular Classroom		3
HIST 4710, 4730, 4740, 4750, 4760, or 4790-4799	3				
HIST Upper Division Electives	6				
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	BIOL 2010 Human Anatomy & Physiology	4	0
BIOL 1110, 1120 General Biology I, II	4	4	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
PSYC 1030 General Psychology	0	3	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
HEA 131 Elementary Nutrition	2	0	ENGL 2110 or 2120 American Literature I or II	0	3
HEA 221 Safety, First Aid, and CPR	0	3	HEA 225 Care & Prevention of Athletic Injuries	3	0
HEA 227 Intro to Exercise Science	0	3	HIST 2010, 2020 Survey of U.S. History I, II	3	3
MATH 1130 or 1530	3	0	Humanities/Fine Arts Electives ²	3	3
Elective ¹	1	0	ECON 2010, 2020		
			Macro, Microeconomics	3	3
			SPCH 1010 Fundamentals of Speech	0	3
Total	13	16	Total	16	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Advisor: Dr. Christy Killman, Department Chairperson

Health and Physical Education Building, Phone: (931) 372-3467

Junior Year		Senior Year	
ACCT 3720 Survey of Accounting	3	EXPW 4171 Exercise & Sport Psychology	3
BMGT 3510 Management and Organization Behavior	3	EXPW 4420 Kinesiology or Guided Elective	3
DS 2810 Computer Applications in Business	3	EXPW 4440 Physiology of Exercise	3
EXPW 2160 Drug Use and Abuse	3	EXPW 4520 Adapted Physical Activity & Sport or Guided Elective	3
EXPW 2170 Intro to Sport Management	3	EXPW 4530 Organization and Administration of Interscholastic Athletics	3
EXPW 3170 Motor Learning or Guided Elective	3	EXPW 4540 Ethical Issues in Sports	3
EXPW 3410 Lifespan Motor Development or Guided Elective	3	EXPW 4550 Sport Governance	3
		EXPW 4560 Facility Planning & Mgmt	3
FIN 3210 Principles of Managerial Finance	3	EXPW 4810 Field Experience	3
HIST 4470-4479 Sport Studies	3	LAW 3810 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	30	Total	30

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

²Select from HIST 1210, HIST 1220; PHIL 1030; MUS 1030; ARTH 1030; ENGL 2210, 2220, 2310 or 2320; THEA 1030.

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

EXERCISE SCIENCE, 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	Probability and Statistics	3	0	HIST 2010, 2020	Survey of U.S. History I, II	3	3
PSYC 1030	General Psychology	0	3	SPCH 1010	Fundamentals of Speech	0	3
BIOL 1110, 1120	General Biology I, II	4	4	Social/Behavioral Science Elective ³		0	3
HEA 221	Safety, First Aid, and CPR	0	3	ENGL 2110 or 2120		3	0
Electives ¹		5	0	Humanities/Fine Arts Electives ²		3	3
Total		15	15	Total		16	14

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

Advisor: Dr. Christy Killman, Department Chairperson
Health and Physical Education Building, Phone: (931) 372-3467

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 4210	Gerontology	3
EXPW 2160	Drug Use and Abuse	3	EXPW 4440	Physiology of Exercise	3
EXPW 3032	Exercise Prescription for Fitness and Wellness	3	EXPW 4520	Adapted Physical Activity and Sport	3
EXPW 3410	Lifespan Motor Development	3	EXPW 4171	Exercise & Sport Psychology	3
EXPW 3170	Motor Learning	3	EXPW 4730	Assessment & Evaluation in PHED	3
EXPW 4420	Kinesiology	3	EXPW 4810	Field Experience	3
PHED 1002	Physical Fitness Test	0	EXPW 4032	Training for Performance	3
Electives		9	EXPW 4042	Health Promotion	3
			EXPW 4900	Research Methods in Exercise Science	3
			PHED 1002	Physical Fitness Test	0
Total			Total		30

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

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

8/18/17

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 131 Elementary Nutrition	0	2	BIOL 2010, 2020 Human Anatomy & Physiology I, II	4	4
ENGL 1010, 1020 Composition I, II	3	3			
SOCI 1010 Introduction to Sociology	0	3	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
MATH 1530 Probability & Statistics	3	0	ENGL 2210 or 2220 British Literature I or II		
MATH 1130 College Algebra	0	3	ENGL 2110 or 2120 American Literature I or II	0	3
PSYC 1030 General Psychology	3	0	Humanities/Fine Arts Electives ¹	3	3
Electives ²	5	3	SPCH 1010 Fundamentals of Speech	0	3
			HEA 227 Intro to Exercise Science	3	0
			HIST 2010, 2020 Survey of U.S. History I, II	3	3
			INFS 1010 Computer Applications	3	0
Total	14	14	Total	16	16

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Advisor: Dr. Christy Killman, Department Chairperson

Health and Physical Education Building, Phone: (931) 372-3467

Junior Year		Senior Year	
EXPW 1150 Care & Prevention of Athletic Injuries	3	EXPW 4171 Exercise & Sport Psychology	3
EXPW 2130 Concepts of Comprehensive Health	3	EXPW 4420 Kinesiology	3
EXPW 2430 First Aid, Safety, & CPR	2	EXPW 4520 Adapted Physical Activity and Sport	3
EXPW 3032 Exercise Prescription for Fitness and Wellness	3	EXPW 4730 Assessment & Evaluation in PHED	3
SPED 3031 Physical Management & Support for Orthopedic, Motor & Health Impaired	3	EXPW 4810 Field Experience	3
EXPW 3170 Motor Learning	3	EXPW 4440 Physiology of Exercise	3
EXPW 3410 Lifespan Motor Development	3	EXPW 4210 Gerontology	3
PHED 1002 Physical Fitness Test	0	EXPW 4900 Research Methods in Exercise Science	3
Electives	8	Physical Fitness Test	0
		Electives	8
Total	28	Total	32

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

²Directed 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 World Literature I or II <u>OR</u>		
MATH 1530 Probability & Statistics	3	0	ENGL 2210 or 2220 British Literature I or II		
MATH 1130 College Algebra	0	4	ENGL 2110 or 2120 American Literature I or II	0	3
SOCI 1010 Introduction to Sociology	0	3	SPCH 1010 Fundamentals of Speech	0	3
Humanities/Fine Arts Elective ¹	3	0	HEA 131 Elementary Nutrition	0	2
PSYC 1030 General Psychology	3	0	BIOL 2010, 2020 Anatomy & Physiology I, II	4	4
INFS 1010 Computer Applications	0	3	HIST 2010, 2020 Survey of U.S. History I, II	3	3
HEA 227 Intro to Exercise Science	0	2	Humanities/ Fine Arts Elective ¹	3	0
Directed Elective ²	4	0	Directed Elective ²	4	0
Total	16	15	Total	14	15

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

Advisor: Dr. Christy Killman, Department Chairperson
Health and Physical Education Building, Phone: (931) 372-3467

Junior Year		Senior Year	
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

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

²Directed 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

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	World Literature I or II <u>OR</u>		
ENGR 1120	Computer Aided Engineering	0	3	ENGL 2210 or 2220	British Literature I or II <u>OR</u>		
MATH 1910, 1920	Calculus I, II	4	4	ENGL 2110 or 2120	American Literature	0	3
SPCH 1010	Fundamentals of Speech	3	0	MATH 2120	Differential Equations	0	3
Social/Behavioral Science Electives ¹		3	3	MATH 2110	Calculus III	4	0
				PHYS 2110, 2120	Calculus-Based Physics I, II	4	4
				Humanities/Fine Arts Electives ¹		3	3
				HIST 1010, 1020	Survey of Western Civ I, II <u>OR</u>		
				HIST 1210, 1220	Survey of World History I, II <u>OR</u>		
				HIST 2010 or 2020 or 2030 ²		3	3
				Total		18	20
	Total	17	17				

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.)

Junior Year ³		Senior Year		
CHE 1520	Intro to Chemical and Biological Process Analysis and Scaling I	3	CHE 4131 Transfer Science III: Diffusion and Convection Mass Transfer	4
CHE 2020	Intro to Chemical and Biological Process Analysis and Scaling I	3	CHE 4240 CHE Capstone Laboratory	1
CHE 3010	Thermodynamics of Chem Processes	3	CHE 4210 Chemical Reaction Engineering	4
CHE 3021	Separations & Sol Thermodynamics	4	CHE 4540 Process Dynamics & Controls	3
CHE 3111	Transfer Science I: Conduction	4	CHE 4410 Process Design I	3
CHE 3121	Transfer Science II: Fluid Mechanics	4	CHE 4420 Process Design II	3
CEE 2110, ECE 3810, or BIOL 3200	Technical Electives ⁴	3	ChE Technical Electives ⁵	6
		3	CHE 4910 Professionalism and Ethics in CHE	1
			CHEM 3510, 3520 Physical Chemistry	8
	Total	27	Total	33

¹Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table <http://www.tntech.edu/transfers/transfertablesagreements/>.

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

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

⁴Three 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.
- CEE 2100
- Any course with the prior approval of the ChE Undergraduate Program Coordinator.
- Note that CEE 2100, BIOL 3200 and ECE 3810 cannot count both as a Technical Elective and as part of the CEE 2100/ECE 3810/BIOL 3200 option.

⁵Three hours of ChE Technical Electives must come from one of the following courses:

- ChE 4330 – Polymer 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 World Literature I or II <u>OR</u>		
MATH 2010 Elementary Matrix Algebra	0	3	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
CHEM 1110 General Chemistry I	4	0	ENGL 2110 or 2120 American Literature I or II	0	3
HIST 1010, 1020 Survey of Western Civ I, II <u>OR</u>			PHYS 2110, 2120 Calculus-Based Physics I,II	4	4
HIST 1210, 1220 Survey of World History I, II <u>OR</u>			Humanities/Fine Arts Elective ¹	3	3
HIST 2010 or 2020 or 2030 ²	3	3	Social/Behavioral Science Elective ¹	3	3
SPCH 1010 Fundamentals of Speech	3	0			
Total	17	13	Total	14	17

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

Advisor: Dr. Charles Carnal, Faculty Advisor

Brown Hall 217, CharlesLC@tntech.edu

(Recommend the advisor be contacted prior to transfer.)

Third Year		Fourth Year			
ECE 2001	Computer Aided Engineering in ECE	1	ECE 3010	Signals & Systems	3
ECE 2010	Electric Circuits I	3	ECE 3020	Discrete-Time Signals and Systems	3
ECE 2011	EE Lab I	1	ECE 3060	EE Lab II	1
ECE 2020	Electric Circuits II	3	ECE 3300	Electronics I	3
ECE 2110	Intro to Digital Systems	3	ECE 3160	Digital Systems Lab	1
MATH 2110	Calculus III	4	ECE 3130	Microcomputer Systems	4
MATH 2120	Differential Equations	3	ECE 3920	Professional Issues in ECE	1
MATH 3470	Introductory Probability and Statistics	3	CSC 2400	Design of Algorithms	3
	Total	21	CSC 2500	Unix Laboratory	1
			CSC 4200	Computer Networks	3
			Total	23	
Fifth Year					
ECE 4961, 4971	Capstone Design I, II	6			
ECE 4110	Digital System Design	3			
ECE 4120	Fundamentals of Computer Design	3			
ECE 4140	Embedded System Design	3			
EE Lab elective ³		2			
EE elective ³		3			
CmpE elective ³		3			
CSC 4100	Operating Systems	3			
CS elective ³		3			
	Total	28			

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

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

³Select 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	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
MATH 1910, 1920 Calculus I, II	4	4	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
Science Sequence ²	4	4	ENGL 2110 or 2120 American Literature I or II	0	3
Social/Behavioral Science Electives ¹	3	3	HIST 2010, 2020 U.S. History I, II	3	3
			MATH 2010 Matrix Algebra	3	0
			SPCH 1010 Fundamentals of Speech	3	0
			Humanities/Fine Arts Electives ¹	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			Senior Year		
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 2710	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 ³		3
CSC 3410	Comp. Organ. & Assem. Lang. Prog.	3	Upper-division Elective		3
CSC Elective		3	Second Science Sequence ²		4
MATH 3070 or 3470		3	Elective		3
Total		29	Total		31

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

²Take at least one science sequence from BIOL 1105-1114, BIOL 1105-2110; CHEM 1110-1120; GEOL 1040-1045 or PHYS 2110-2120. The two sequences must be in different disciplines.

³Take 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.

COMPUTER SCIENCE

8/18/17

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 World Literature I or II <u>OR</u>		
Natural Science Sequence	4	4	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
Social/Behavioral Science Elective ¹	3	3	ENGL 2110 or 2120 American Literature I or II	0	3
			HIST 2010, 2020 U.S. History I, II	3	3
			MATH 2010 Matrix Algebra	3	0
			SPCH 1010 Fundamentals of Speech	3	0
			Humanities/Fine Arts Electives ¹	3	3
			Elective ²	0	3
Total	14	14	Total	16	16

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

Junior Year		3	Senior Year		3
CSC 2700	Discrete Structures for CSC	3	CSC 4100	Operating Systems	3
CSC 2310	Object-Oriented Programming and Design	4	CSC 4200	Computer Networks	3
CSC 2400	Design of Algorithms	3	CSC 4320	Computer Architecture	3
CSC 2500	Unix Lab	1	CSC 4570	IT Security	3
CSC 2560	Networks for Information Technologists	3	CSC 4575	Information Assurance and Cryptography	3
CSC 2710	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 ³	4
CSC 3300	Database Management Systems	3	Elective		1
CSC 3410	Computer Organization and Assembly Language Programming	3			
CSC 3550	Systems Programming	3			
CSC Elective		3			
Total		31	Total		29

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

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

³Must be a different discipline than the required science sequence.

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

COLLEGE OF INTERDISCIPLINARY STUDIES

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 General Psychology	3	0
HIST 2010, 2020 Survey of U.S. History I, II	3	3	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
General Education MATH	3	0	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
Natural Science ¹	4	4	ENGL 2110 or 2120 American Literature I or II	0	3
Humanities/Fine Arts Elective ¹	0	3	ECON 2020 Microeconomics	0	3
Elective ²	0	3	SOCI 1010 Introduction to Sociology	0	3
			SPCH 1010 Fundamentals of Speech	3	0
			Electives ²	7	6
Total	16	16	Total	13	15

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

Junior Year			Senior Year		
BMGT 3510 Management & Organizational	3		BMGT 3630 Human Resource Management	3	
LIST 4093 Special Topics	3		FOED 3010 Integrated Instruction Tech	3	
SOC 3300 Occupational Sociology	3		FOED 4340 Technology for Presentations	3	
SOC 4430 People in Organizations	3		LAW 3810 Business Legal Environment and Ethics	3	
PC 3250 Professional Communications	3		SPAN 3550 Latin American: Countries & People	3	
LIST 4100 Adult Learning	3		LIST 4850 Topics in Org Development	3	
Social Science Upper-Division	6		SPCH 3000 Computer Mediated Communication	3	
Directed Electives Upper Division	6		UNIV 4116 Internship	6	
			LIST 4995 Capstone Project	3	
Total	30		Total	30	

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

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

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

DEGREE REQUIREMENTS

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

PREREQUISITE REQUIREMENTS

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

INTERDISCIPLINARY STUDIES (B.S.) (LIST)

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 General Psychology	3	0
HIST 2010, 2020 Survey of U.S. History I, II	3	3	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
General Education MATH	3	0	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
Natural Science ¹	4	4	ENGL 2110 or 2120 American Literature I or II	0	3
Humanities/Fine Arts Elective ¹	3	3	ECON 2020 Microeconomics	0	3
Elective ²	0	3	SOCI 1010 Introduction to Sociology	0	3
			SPCH 1010 Fundamentals of Speech	3	0
			Electives ²	7	6
Total	16	16	Total	13	15

TENNESSEE TECHNOLOGICAL UNIVERSITY INTERDISCIPLINARY STUDIES - BACHELOR OF SCIENCE

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

Junior Year	F	SP	Senior Year	F	SP
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

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

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

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 Survey of U.S. History I, II	3	3	ENGL Literature ¹	3	0
General Education MATH	0	3	Humanities/Fine Arts Elective ¹	0	3
Natural Science ¹	4	4	Electives ²	10	12
Humanities/Fine Arts Elective ¹	0	3	SPCH 1010 Fundamentals of Speech	3	0
Total	16	13	Total	16	15

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

Junior Year		Senior Year	
Professional Core (3000-4000 level courses)	9	Professional Core (3000-4000 level courses)	12
Concentration (3000-4000 level)	15	Electives credits	15
Electives credits (3000-4000 level)	6	PRST 4995 Capstone Project (last semester; all concentration requirements must be completed prior)	3
Total	30	Total	30

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

SCHOOL OF NURSING

8/18/17

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	BIOL 2230	Microbiology	4
ENGL 1010	Composition I	3	MATH 1130 or 1530		3
NSG 105	Foundations for Nursing Practice	10	NSG 210	Adult & Child Health II	10
NSG 107	Care of Childbearing Family	3	NSG 212	Psychosocial Nursing	4
NSG 109	Adult & Child Health I	6	NSG 215	Transition to Nursing Practice	3
NSG 118	Pharmacology in Nursing	3	PSYC 2130	Life Span Psychology	3
Humanities/Fine Arts Elective ¹		3	SPCH 1010	Fundamentals of Speech	3
	Total	36		Total	30

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 ³	English Composition II	3
ENGL 2130, 2235, or 2330 ³		3
Humanities/Fine Arts Elective ⁵		3
HIST 2010, 2020 ³	American History	6
PSY 1030	General Psychology	3
SOC 1010 or 1100 ³		3
Elective ⁶		3
	Total	24

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

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

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

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

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

⁵Courses must be selected from the general education list.

⁶Any 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.

2017-2018

ARMY ROTC

RESERVE OFFICERS' TRAINING CORPS

OBJECTIVE

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

ENROLLMENT REQUIREMENTS

The general requirements for enrollment in ROTC are:

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

TWO-YEAR ROTC PROGRAMS

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

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

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

FINANCIAL AID

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

COMMISSIONING REQUIREMENTS

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

INDEX

(Alphabetized by College)

8/18/17

College of Agriculture and Human Ecology	
School of Agriculture	
Agribusiness Management	1
Agricultural Engineering Technology.....	2
Animal Science	3
School of Human Ecology	
Child Development and Family Relations	4
Food Systems Administration	5
Housing and Design	6
Merchandising and Design	7
College of Arts and Sciences	
Department of Biology	
Wildlife and Fisheries Science: Wildlife Science Concentration	10
Wildlife and Fisheries Science: Conservation Biology	11
Wildlife and Fisheries Science: Fisheries Science	12
Department of Communication	
Communication: Journalism Concentration (News Editorial Option)	8
Communication: Journalism Concentration (Public Relations Option)	9
College of Business	
Department of Decision Sciences and Management	
Business and Information Technology (Business Management Option BIT)	17
Business Intelligence and Analytics (Business Management Option BUBA)	13
General Management (Business Management Option BUMA)	14
Human Resource Management (Business Management Option BUHR)	15
Production/Operations Management (Business Management Option BUPR)	16
Department of Economics, Finance and Marketing	
Finance	18
Marketing	19
College of Education	
Admission to Teacher Education	20
Department of Curriculum and Instruction	
Early Childhood Education, Early Childhood Education/Special Education, PREK-3 Licensure.....	21
Early Childhood Education, Early Childhood Education/Special Education, PREK-3 Licensure (A.A.S.)	22
Multidisciplinary Studies, K-5 Licensure	23
Secondary Education (7-12): Biology	24
Secondary Education (7-12): English	25
Secondary Education (7-12): Mathematics.....	26
Secondary Education (7-12): History.....	27
Department of Exercise Science, Physical Education and Wellness	
Exercise Science, Physical Education and Wellness: Sport Administration Concentration.....	28
Exercise Science, Physical Education and Wellness: Fitness & Wellness Concentration	29
Exercise Science, Physical Education and Wellness: Pre-Occupational Therapy Concentration.....	30
Exercise Science, Physical Education and Wellness: Pre-Physical Therapy Concentration.....	31
College of Engineering	
Department of Chemical Engineering.....	32
Department of Computer Science	34-35
Department of Electrical and Computer Engineering	33
College of Interdisciplinary Studies	
Interdisciplinary Studies.....	36-37
Professional Studies	38
School of Nursing	
A.A.S. Nursing.....	39
ROTC.	40

INDEX

(Alphabetized by Major)

A.A.S. Nursing.....	39
Agribusiness Management.....	1
Agricultural Engineering Technology.....	2
Animal Science.....	3
Business and Information Technology (Business Management Option BIT).....	17
Business Intelligence and Analytics (Business Management Option BUBA).....	13
Chemical Engineering.....	32
Communication: Journalism Concentration (News Editorial Option).....	8
Communication: Journalism Concentration (Public Relations Option).....	9
Computer Engineering.....	33
Computer Science: Software and Scientific Applications.....	34
Computer Science: Cyber-Security.....	35
Early Childhood Education, Early Childhood Education/Special Education, PREK-3 Licensure (AS).....	21
Early Childhood Education, Early Childhood Education/Special Education, PREK-3 Licensure (AAS).....	22
Finance.....	18
General Management (Business Management Option BUMA).....	14
Exercise Science, Physical Education and Wellness: Sport Administration Concentration.....	28
Exercise Science, Physical Education and Wellness: Fitness & Wellness Concentration.....	29
Exercise Science, Physical Education and Wellness: Pre-Occupational Therapy Concentration.....	30
Exercise Science, Physical Education and Wellness: Pre-Physical Therapy Concentration.....	31
Human Ecology: Child Development and Family Relations Concentration.....	4
Human Ecology: Food Systems Administration Concentration.....	5
Human Ecology: Housing and Design Concentration.....	6
Human Ecology: Merchandising and Design Concentration.....	7
Human Resource Management (Business Management Option BUHR).....	15
Interdisciplinary Studies.....	36-37
Marketing.....	19
Multidisciplinary Studies, K-5 Licensure.....	23
Production/Operations Management (Business Management Option BUPR).....	16
Professional Studies.....	38
ROTC.....	40
Secondary Education Biology Option (7-12 Licensure).....	24
Secondary Education English (7-12 Licensure).....	25
Secondary Education Mathematics (7-12 Licensure).....	26
Secondary Education Social Studies Option: History (7-12 Licensure).....	27
Wildlife and Fisheries Science: Wildlife Science.....	10
Wildlife and Fisheries Science: Conservation Biology.....	11
Wildlife and Fisheries Science: Fisheries Science.....	12