

TRANSFER AGREEMENT

2011-12

Roane State Community College

Tennessee Technological University

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

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Transfer Agreement Policies

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

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. Complete the Undergraduate Application form. Submit the form and a nonrefundable \$25 application fee to the Office of Admissions, Tennessee Technological University, P. O. Box 5006, Cookeville, Tennessee 38505. The application deadline date for receipt of the admission application, test scores (ACT/SAT) and appropriate transcripts is August 1 for fall entry, December 1 for spring entry and May 1 for summer entry.
2. Request each institution previously attended to send official transcripts of all work completed and a partial transcript if presently enrolled in another institution. Request the sending of a final transcript when all work is completed. Transcripts of all work attempted at the college level must be furnished.
3. The official grade point average will be computed on hours and grades earned at all previous colleges

or universities. Credit is transferred with the grade made in the course. For example, an "A" is transferred as an "A" and an "F" is transferred as an "F."

4. Students who have not completed college credit math or English courses must follow COMPASS testing guidelines. Students under the age of 21 who have completed fewer than 24 semester hours must also submit ACT scores.
5. All non-commuting single freshmen and sophomores must live in university housing.
6. The applicant will be notified of the admission 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. Upon acceptance the student will be sent a Letter of Admission.

If you would like to visit Tennessee Technological University at any time, please contact the Admissions Office between 8:00 - 4:30 Monday through Friday. For additional information, please contact the Office of Admissions at 931-372-3888 or toll-free 1-800-255-8881.

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 Agricultural and Human Sciences

School of Agriculture
School of Human Ecology
School of Nursing

College of Arts and Sciences

Biology
Chemistry
Earth Sciences
English and Communications
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
Music and Art

College of Engineering

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

School of Interdisciplinary Studies

Questions? Then Contact

Academic Records	Records & Registration, Derryberry Hall 102	372-3317
Admissions	Admissions Office, Derryberry Hall 209	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		
Agricultural and Human Sciences	Dean's Office, South Hall 102	372-3149
School of Nursing	Kristi Burris, Academic Advisor, Nursing & Health Services	372-3229
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
Advising Center	T.J. Farr Building 103	372-6336
Engineering	Dean's Office, Clement Hall 201	372-3172
Counseling	Counseling Center, University Center 307	372-3331
Financial Aid	Financial Aid Office, University Center 214	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
School of Interdisciplinary Studies	Dean's Office, Henderson Hall Room 3	372-3394
Student Government	Student Organizations Office, University Center 234	372-3236
Student Organizations	Student Organizations Office, University Center 234	372-3236
Teacher Certification	College of Education, Bartoo Hall 301	372-3170
Veteran Certification	Records & Registration, Derryberry Hall 102	372-3317

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

TENNESSEE TECHNOLOGICAL UNIVERSITY

AGRICULTURAL ENGINEERING TECHNOLOGY CONCENTRATION - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Billye Foster, Director; School of Agriculture; Box 5034; Cookeville, TN 38505

Junior Year		Senior Year	
ACCT 3720 Survey of Accounting	3	AGBE 3110 Agricultural Marketing and Futures	3
AGBE 2100 Economics of Agriculture	3	AGBE 4030 Agribusiness Management	3
AGET 2110 Agricultural Engineering Technology	3	AGET 3510, 3560, 4620, 4940, 4950, 4960, 4970, 4980; or AGR 4920, AGR 3960 (Select two)	6
AGET 3110 Natural Resource Systems	3	AGET 4220 Agricultural Machinery & Tractors	3
AGET 3320 Small Power Equipment	3	AGET 4610 Greenhouse Structures & Landscaping Equipment	3
AGET 3620 Computer Aided Design in Agriculture	3	AGET 4720 Agricultural Processing	3
AGR 1020 Connections to Agriculture	1	Upper-division Agricultural Electives ⁵	3
AGRN 1210 Introductory Animal Science Lab	1	Electives	4
AGRN 1100 Plant Science	3		
AGRN 1110 Plant Science Lab	1		
AGRN 2210 Soils	3		
ANS 1200 Introductory Animal Science	3		
Upper-division Agriculture Electives ³	6		
Total	36	Total	27

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/transfertablesagreements/>.

³Select three upper division directed electives (9 credits) from the following disciplines: AGBE, AGED, AGET, AGHT, AGRN and ANS.

⁴Select any course from any Agriculture discipline.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

ANIMAL SCIENCE

9/22/11

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 General Biology I	4	0
HIST 2010, 2020 U.S. History I, II	3	3	INFS 1010 Computer Applications	3	0
MATH 1130, 1530, 1630, 1830 or 1910 (Select two)	3	3-4	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
			Electives ¹	0	3
Total	16	16	Total	13	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

ANIMAL SCIENCE CONCENTRATION - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Billye Foster, Director; School of Agriculture; Box 5034; Cookeville, TN 38505

Junior Year			Senior Year		
AGBE 2100 Economics of Agriculture	3		Senior Seminar		2
AGET 2110 or 3110	3		AGR 4930 Forage Crops Production & Mgmt.		4
AGR 1020 Connections to Agriculture	1		AGRN 4110 Feeds & Feeding		3
ANS 1200 Introductory Animal Science	3		ANS 3020 Animal Breeding		3
ANS 1210 Introductory Animal Science Lab	1		4000-Level ANS Production Courses		6
ANS 2020, 2110 Livestock Mgmt., Livestock Eval.	6		Upper-division Agriculture Electives ³		6
ANS 3010 Animal Nutrition	3		BIOL 3200 or 3230		
ANS 3140 Reproduction in Farm Animals	3		Microbiology		4
ANS 3150 Common Diseases & Parasites of Domestic Animals	3		CHEM 3005 or 3710		4-3
AGRN 1100 Plant Science	3				
AGRN 1110 Plant Science Lab	1				
AGRN 2210 Soils	3				
Total	33		Total		31-32

¹Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/transfertablesagreements/>.

²Must be selected from the General Education requirements in the RSCC catalog and the TTU Course Equivalency table <http://www.tntech.edu/transfers/transfertablesagreements/>.

³Select two upper division directed electives (6 credits) from the following disciplines: AGBE, AGED, AGET, AGHT, AGRN or ANS. No more than one course may be selected from any one of these disciplines.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

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, 1020	Composition I, II	6	ECED2040	Family Dynamics & Community Involvement	3
ECED1010	Intro to Early Childhood Education	2	ECED2060	Developmental of Exceptional Children	3
ECED2010	Safe, Healthy, Learning Environment	3	ECED2070	Development Assessment	3
ECED2015	Early Childhood Curriculum	3	ECED2080	Language & Literacy in Early Childhood	3
ECED2020	Infant, Toddler Child Development	3	ECED2085	Math & Science in Early Childhood	3
ECED2130	Clinical Practicum I	3	ECED2150	Clinical Practicum III	3
MATH 1130 or higher		3	ECED2100	The Mentoring Teacher	3
SPCH1010	Fundamentals of Speech	3	Humanities/Fine Arts Elective ¹		3
MSC 1012	Intro to Physical Science	4	Social/Behavioral Science Elective ¹		3
			ARTH or MUS 1030		3
			Total	Total	30
	Total	30			

TENNESSEE TECHNOLOGICAL UNIVERSITY

HUMAN ECOLOGY

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

Advisor: Dr. Sue Bailey, Director; School of Human Ecology

South Hall 105, Phone: (931) 372-3157

Transition		Senior Year			
SOC 1010	Intro to Sociology	3	HEC3011	Consumer Economics	3
ENGL 2130, 2230 or 2330		3	HEC3500	Development: Middle Childhood/Adolescence	3
	Total	6	HEC3700	Development: Young Adulthood/Aging	3
			HEC4000	Professional Integration & Communication Techniques	1
Junior Year			HEC4600	Family Development & Relationships	3
BIOL 1310	Concepts of Biol. & Environment	3	HEC4610	Families: Normative/Catastrophic Issues	3
GEOL 1310	Concepts of Geology	3	HEC4990	Internship	6
ECSP3001	Curriculum for Infants, Toddlers & Preschoolers	3	ECSP4300	Assessment of Young Children	3
HIST 2010, 2020	American History I, II	6	EXPW 2150	Human Sexuality	3
FOED 2011 or DS 2810		2-3	EXPW 2430	First Aid, Safety, and CPR	2
HEC 3520	Parent Ed & Child Guidance	2	SOC 3650	Juvenile Delinquency	3
HEC 2500	Creative Play	2	Total	Total	36
HEC Core		6			
Upper-Division Elective		3			
	Total	31			

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

²HEC-CDFR students must take HEC 2031, HEC 2041, and either HEC 1030 or HEC 2020.

HEC1010	Life Span Development	3
HEC1020	Social Intelligence	1
HEC1030	Intro to Nutrition	2
HEC2031	Aspects of Dress	3
HEC2041	Intro to Aspects of Housing & Furnishings	3

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

HUMAN ECOLOGY FOOD, NUTRITION, AND DIETETICS

ROANE STATE COMMUNITY COLLEGE

A.S. DEGREE

Freshman Year	Sophomore Year
CHEM 1010, 1020 Intro Chemistry I, II 8	BIOL 1110 General Biology I 4
ENGL 1010, 1020 Composition I, II 6	BIOL 2010, 2020 Human Anatomy and Physiology I, II 8
MATH 1130 College Algebra 3	ENGL 2310 or 2320 World Literature I or II OR
MATH 1530 Probability and Statistics 3	ENGL 2210 or 2220 British Literature I or II OR
PSYC 1030 General Psychology 3	ENGL 2110 or 2120 American Literature I or II 3
SPCH 1010 Fundamentals of Speech 3	SOCI 1010 or 2110 3
Humanities/Fine Arts Electives ¹ 3	ECED 2040 Family Dynamics & Community Involvement 3
	HEA 201 Principles of Nutrition 3
	HIST 2010, 2020 U.S. History I, II 6
	Humanities/Fine Arts Electives ¹ 3
Total 29	Total 33

TENNESSEE TECHNOLOGICAL UNIVERSITY

HUMAN ECOLOGY (Food, Nutrition and Dietetics Concentration) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Sue Bailey, Director, School of Human Ecology

South Hall 105, Phone: (931) 372-3157

Junior Year	Senior Year
CHEM 3005 Elementary Organic Chemistry 4	BIOL 3230 Health Science Microbiology 4
HEC 1000 Intro to Profession 1	BMGT 3510 Management & Organization Behavior 3
HEC 1010 Life Span Development 3	CHEM 4500 Physiological Chemistry 3
HEC 1020 Social Intelligence 1	HEC 4000 Professional Integration & Communication Techniques 1
HEC 2031 or HEC 2041 3	HEC 4110 Experimental Food Sciences 4
HEC 2240 Food Preparation and Management 4	HEC 4200 Advanced Nutrition 3
HEC 3011 Consumer Economics 3	HEC 4210 Medical Terminology for Human Sciences 1
HEC 3201 Community Nutrition 3	HEC 4241 Legal Issues in Food Service Management 1
HEC 3270 Nutrition in Disease 3	HEC 4242 Food Systems Administration 3
HEC 3240 Quantity Food Production 4	HEC 4271 Medical Nutrition Therapy 3
	HEC 4272 Clinical Dietetics 3
	HEC 4991 Field Experience-Health Care 3
Total 29	Total 34

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

The DPD Admission Requirements for the TTU DPD program in Foods, Nutrition, and Dietetics are on the web at <http://www.tntech.edu/hecdietetics>.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

HUMAN ECOLOGY

FAMILY AND CONSUMER SCIENCE EDUCATION

ROANE STATE COMMUNITY COLLEGE

A.S. DEGREE

Freshman Year	8	Sophomore Year	19
CHEM 1010, 1020 Intro Chemistry I, II	8	ENGL 2310 or 2320 World Literature I or II <u>OR</u>	
ENGL 1010, 1020 Composition I, II	6	ENGL 2210 or 2220 British Literature I or II <u>OR</u>	
MATH	3	ENGL 2110 or 2120 American Literature I or II	3
SPCH1010 Fundamentals of Speech	3	ECED 1010 Intro to Early Childhood Education	2
ARTH 1030 Art Appreciation	3	HEA 131 Elementary Nutrition	2
EDU211 Educational Psychology	3	HIST 2010, 2020 U.S. History I, II	6
Social/Behavioral Science Electives	6	Humanities/Fine Arts Electives ¹	6
Total	32	Total	19

TENNESSEE TECHNOLOGICAL UNIVERSITY

HUMAN ECOLOGY (Family and Consumer Science Concentration) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Sue Bailey, Director; School of Human Ecology

South Hall 105, Phone: (931) 372-3157

Junior Year	39	Senior Year	32
HEC 1010 Life Span Development	3	FOED3010 Integrating Instructional Technology into the Classroom	3
HEC 1020 Social Intelligence	1	HEC3500 Development: Middle Childhood/Adolescence	3
HEC 2031 Aspects of Dress	3	READ3350 Teaching Reading in the Content Areas	3
HEC 2032 Construction and Analysis of Sewn Products	4	HEC4871 Residency I	5
HEC 2041 Aspects of Housing & Furnishings	3	HEC4872 Professional Seminar I	5
HEC 2240 Food Preparation and Management	4	HEC4881 Residency II	10
HEC 2800 Intro to Teaching Vocational Family and Consumer Sciences	3	HEC4882 Professional Seminar II	2
HEC 3011 Consumer Economics	3	HEC 4883, 4884, or 4885	1
HEC 3310 Textiles I	3		
HEC 3520 Parent Education & Child Guidance	2		
HEC 3800 Materials & Methods of Teaching Vocational Family & Consumer Sciences Education	2		
HEC 3811 Practicum: Family & Consumer Sciences Education	1		
HEC 3841 Occupational Family & Consumer Sciences	1		
HEC Occupational Electives	6		
Total	39	Total	32

¹Must be selected from the General Education requirements on page 40 of the RSCC catalog and the TTU Course Equivalency table <http://www.tntech.edu/transfers/transfertablesagreements/>.

Students must complete 60 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 1530	Probability and Statistics	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 or 2110		3
ARTH 1030	Art Appreciation	3	ECED 2040	Family Dynamics & Community Involvement	3
Electives		1-2	HEA 131 or 201		2-3
			HIST 2010, 2020	U.S. History I, II	6
			Humanities/Fine Arts Elective ¹		3
Total		30-31	Total		29-30

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Advisor: Dr. Sue Bailey, Director; School of Human Ecology

South Hall 105, Phone: (931) 372-3157

Junior Year		1	Senior Year		3
HEC 1000	Intro to Profession	1	HEC 3011	Consumer Economics	3
HEC 2041	Aspects of Housing & Furnishings	3	HEC 4000	Professional Integration & Communication Techniques	1
HEC 2411	Practicum: Housing & Design	1	HEC 4450	Commercial Design	3
HEC 2421	Architectural Graphics & Presentation Techniques	3	HEC 4460	Historical and Contemporary Architecture and Furnishings	3
HEC 2431	Residential Design I	3	AGHT Elective 3400, 3440, 3460 or 3480		3
HEC 2440	Computer Aided Design of Residence	3	FIN 3410	Principles of Real Estate	3
HEC 3310	Textiles I	3	HEC Upper-Division Electives		6
HEC 3320	Textiles II	3	MKT 3400	Principles of Marketing	3
HEC 3420	Housing	3	Elective		1
HEC 3431	Residential Design II	3			
HEC 3350	Merchandising I	3			
HEC Core ²		3			
Total		32	Total		26

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

²HEC Core

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

Students must complete 60 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 ACCT 1010 Principles of Accounting I		3
ENGL 1010, 1020 Composition I, II	6 INFS 1010 Computer Applications		3
MATH	3 ECON 2010, 2020 Macroeconomics, Microeconomics		6
MATH 1530 Probability and Statistics	3 ENGL 2310 or 2320 World Literature I or II OR		
PSYC 1030 General Psychology	3 ENGL 2210 or 2220 British Literature I or II OR		
SPCH 1010 Fundamentals of Speech	3 ENGL 2110 or 2120 American Literature I or II		3
Humanities/Fine Arts Elective ¹	3 SOCI 1010 Introduction to Sociology		3
	ECED 2040 Family Dynamics & Community Involvement		3
	HIST 2010, 2020 U.S. History I, II		6
	Humanities/Fine Arts Elective ¹		3
Total	29	Total	30

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Advisor: Dr. Sue Bailey, Director; School of Human Ecology

South Hall 105, Phone: (931) 372-3157

Junior Year	Senior Year		
HEC 1000 Intro to Profession	1 HEC 3310 Textiles I		3
HEC 2032 Construction and Analysis of Sewn Products	4 HEC 3320 Textiles II		3
HEC 2311 Practicum: Merchandising & Design	1 HEC 4000 Professional Integration & Communication Techniques		1
HEC 3011 Consumer Economics	3 HEC 4320 Merchandise Promotion & Advertising		3
HEC 3350 Merchandising I	3 HEC 4360 Merchandising II		3
HEC 3420 Housing	3 HEC 4600; IBC 4980 or 4990; SOC 3150; or PSY 3300, 3400 or 3410		3
HEC 2300, 3300, 4340 or 4990	6		
MKT 3400 Principles of Marketing	3 Upper Division Business Elective		3
HEC Core	6 Electives (5 hours must be upper division)		10
Total	30	Total	29

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

²HEC Core

HEC 1010 Life Span Development	3
HEC 1020 Social Intelligence	1
HEC 1030 or 2020	2 or 3
HEC 2031 Aspects of Dress	3

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

SCHOOL OF NURSING

9/22/11

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	Human Anatomy and Physiology I, II	8	BIOL 2230	Microbiology	4
ENGL 1010	Composition I	3	MATH 1130	College Algebra	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

Advisor: Ms. Kristi Burris

Nursing and Health Services Building 208, Phone (931) 372-3229

Transition		
CHEM 1210 ³	Chemistry for the Life Sciences	4
ENGL 1020 ³	Expository Writing II	3
ENGL 2130, 2230, or 2330 ³		3
Humanities/Fine Arts Elective ⁵		3
HEC 2020	Nutrition	3
HIST 2010, 2020 ³	American History	6
PSY 2010	General Psychology	3
SOC 1010 or 1100 ³		3
Elective ⁶		3
	Total	31

Junior Year			Senior Year		
NLN ²	Mobility Profile II Exams		NURS 4230	Pharmacological Concepts in Nurs. II	2
NURS 3281	Health Assessment & Promotion	3	NURS 4300	Research in Health Care	3
NURS 3220, 3250, 3280, 3360, 3361, 3370, 3371, 4000, 4001, 4100, 4101 ⁴		33	NURS 4350	Health Care of Communities	4
NURS 3380	Pathophysiological Processes for the Prof. Nurse	3	NURS 4351	Health of Communities: Lab	3
NURS 3465	Bridging to Professional Nursing Practice	4	NURS 4450	Leadership & Management	3
	Total	43	NURS 4451	Leadership & Management: Lab	4
				Total	19

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

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 3220, 3250, 3280, 3360, 3361, 3370, 3371, 4000, 4001, 4100, 4101 (33 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 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

COMMUNICATION - JOURNALISM CONCENTRATION
News Editorial Option

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF ART

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 Composition I, II	3	3	HIST 2010, 2020 U.S. History I, II	3	3
SPCH 1010 Fundamentals of Speech	0	3	POLS 1030 American Government	3	0
MATH 1130 or higher	3	0	ENGL 2310 or 2320		
Natural Science	4	4	Survey of World Literature	3	0
SOCI 1010 Intro to Sociology	3	0	PSYC 1030 General Psychology	0	3
Humanities/Fine Arts Electives ¹	3	3	SOCI 1020 Social Problems	0	3
SOCI 2110 or GEOG 1220	0	3	Electives ²	4	6
Total	16	16	Total	13	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

COMMUNICATION (JOURNALISM CONCENTRATION) - BACHELOR OF ARTS DEGREE

Advisor: Dr. Brenda Wilson, English and Communications Department

Roaden University Center 376, Phone: (931) 372-3063

Junior Year		3	Senior Year		3
JOUR 2200 Mass Communication in a Changing Society	3		Emphasis Area Courses ³		
JOUR 2220 News Reporting and Copy Editing	3		JOUR 3740 Advertising Copy and Layout		3
JOUR 3350 Newspaper Production and Design	3		JOUR 3760 History and Law of Journalism		3
SPCH 4430 Interpersonal Communication	3		JOUR 4820 Advanced Reporting		3
JOUR 3400 or 3370	3		JOUR 4830 Feature Writing		3
JOUR 3460 Introduction to Public Relations	3		JOUR 4930 Advanced Copy Editing		3
JOUR 4360 Magazine Production and Design	3		SOC 2660 Criminology		3
Emphasis Area Courses ³	3		Electives		3
POLS 3330 State & Local Government	3				
SPCH 3620 Intercultural Communications	3				
Total		33	Total		27

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/transfertablesagreements/>.

³See 2011-12 Undergraduate Catalog at www.tntech.edu/uccatalog/home for a selection of emphasis courses.

Students must complete 60 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 ART

Freshman Year		F	SP	Sophomore Year		F	SP
ENGL 1010, 1020	Composition I, II	3	3	HIST 2010, 2020	U.S. History I, II	3	3
JOUR 1110	Intro to Mass Communication	0	3	ENGL 2310 or 2320			
SPCH 1010	Fundamentals of Speech	0	3		Survey of World Literature	3	0
MATH 1130 or higher		3	0	PSYC 1030	General Psychology	0	3
Science Sequence		4	4	Electives ²		6	4
SOCI 1010	Intro to Sociology	3	0	SOCI 1020	Social Problems	0	3
Humanities/Fine Arts Elective ¹		3	0	Humanities/Fine Arts Elective ¹		3	0
SOCI 2110 or GEOG 1220		0	3				
	Total	16	16		Total	15	13

TENNESSEE TECHNOLOGICAL UNIVERSITY
COMMUNICATION (JOURNALISM CONCENTRATION) - BACHELOR OF ARTS DEGREE

Advisor: Dr. Brenda Wilson, English and Communications Department
Roden University Center 376, Phone: (931) 372-3063

Junior Year			Senior Year		
JOUR 2220	News Reporting and Copy Editing	3	JOUR 3350	Newspaper Production and Design	3
SPCH 4430	Interpersonal Communication	3	JOUR 3740	Advertising Copy and Layout	3
JOUR 3400 or 3370		3	JOUR 3760	History and Law of Journalism	3
JOUR 3460	Introduction to Public Relations	3	JOUR 4820	Advanced Reporting	3
JOUR 4360	Magazine Production and Design	3	JOUR 4830	Feature Writing	3
Emphasis Area Courses ³		6	JOUR 4930	Advanced Copy Editing	3
SOC 4430	People in Organizations	3	Emphasis Area Courses ³		6
BMGT 3510	Management & Organization Behavior	3	PSY 3410	Group Dynamics	3
SPCH 3620	Intercultural Communications	3	JOUR 4460	Public Relations/Cases & Practices	3
	Total	30		Total	30

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/transfertablesagreements/>.

³See 2011-12 Undergraduate Catalog at www.tntech.edu/uccatalog/home for a selection of emphasis courses.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

GEOSCIENCES GEOLOGY CONCENTRATION

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	ENGL 2310 or 2320		
ENGL 1010, 1020 Composition I, II	3	3	World Literature I or II <u>OR</u>		
MATH 1130, 1730 or 1910	3-4	0	ENGL 2210 or 2220		
SPCH 1010 Fundamentals of Speech	0	3	British Literature I or II <u>OR</u>		
HIST 2010, 2020 U.S. History I, II	3	3	ENGL 2110 or 2120		
Humanities/Fine Arts Elective ¹	3	0	American Literature I or II	0	3
Elective ²	0	3	GEOL 1040, 1050 Physical Geology, Historical Geology	4	4
			PHYS 2010, 2020 Non-Calculus Based Physics I, II	4	4
			Humanities/Fine Arts Elective ¹	3	0
			Social/Behavioral Science Electives ¹	3	3
Total	16-17	16	Total	14	14

TENNESSEE TECHNOLOGICAL UNIVERSITY
 GEOSCIENCES - BACHELOR OF SCIENCE DEGREE
 Advisor: Dr. Michael Harrison, Department Chairperson
 Kittrell Hall 201, Phone: (931) 372-3121

Junior Year		Senior Year	
GEOL 2500 Geological Fundamentals	3	GEOG 4510 Theory of GIS, I	3
MATH ³ or Free Elective	3	GEOL 4930, 4931 Senior Thesis	6
Required courses from Geology Concentration	14-15	Directed Electives from Geology Concentration	3-4
Directed Electives from Geology Concentration	7-8	Electives	14-19
MATH 3070 Statistical Methods I	3		
Total	29-31	Total	31-29

Required Geology Concentration Courses (15-16 hours)

GEOL 2000 Earth Evolution and Life History	3
GEOL 3110 Principles of Mineralogy & Petrology	4
GEOL 3230 Structural Geology & Tectonics	4
GEOL 3830 Field Methods	4
GEOL 4110 Sedimentation and Stratigraphy	4

Geology Concentration Directed Electives (3 of 7 required; extra courses can be applied to free electives)

GEOL 3120 Mineralogy	4
GEOL 3350 Paleobiology	3
GEOL 3410 Paleontology	4
GEOL 4150 Geomorphology	4
GEOL 4210 Advanced Historical Geology	3
GEOL 4610 Optical Mineralogy & Petrography	4
GEOL 4711 Hydrogeology	4

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/transfertablesagreements/>.

³If MATH 1130 was taken then take MATH 1720; otherwise take a free elective.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

GEOSCIENCES

ENVIRONMENTAL GEOLOGY CONCENTRATION

9/22/11

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	ENGL 2310 or 2320		
ENGL 1010, 1020 Composition I, II	3	3	World Literature I or II <u>OR</u>		
MATH 1130, 1730 or 1910	3-4	0	ENGL 2210 or 2220		
SPCH 1010 Fundamentals of Speech	0	3	British Literature I or II <u>OR</u>		
HIST 2010, 2020 U.S. History I, II	3	3	ENGL 2110 or 2120		
Humanities/Fine Arts Elective ¹	3	0	American Literature I or II	0	3
			GEOL 1040, 1050 Physical Geology, Historical Geology	4	4
			PHYS 2010, 2020 Non-Calculus Based Physics I, II	4	4
			Humanities/Fine Arts Elective ¹	3	0
			Social/Behavioral Science Elective ¹	3	3
			Elective ²	0	2-3
Total	16-17	13	Total	14	16-17

TENNESSEE TECHNOLOGICAL UNIVERSITY

GEOSCIENCES - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Michael Harrison, Department Chairperson
Kittrell Hall 201, Phone: (931) 372-3121

Junior Year		Senior Year	
GEOL 2500 Geological Fundamentals	3	GEOG 4510 Theory of GIS, I	3
MATH ³ or Free Elective	3	GEOL 4930, 4931 Senior Thesis	6
Required courses from Environmental Geology Concentration	16-19	MATH 3070 Statistical Methods I	3
Directed Electives from Environmental Geology Concentration	6	Required course from Environmental Geology Concentration	3-4
Electives	2	Directed Elective from Environmental Geology Concentration	3
Total	30	Electives	11-12
		Total	30

Required Environmental Geology Concentration Courses (21 hours)

GEOL 3200 Water Resources	3	GEOL 4410 Remote Sensing	3
GEOL 4100 Environmental Sedimentology	4	GEOG 4650 Environmental Applications of GIS	3
GEOL 4150 Geomorphology	4	GEOL 4711 Hydrogeology	4

Environmental Concentration Directed Electives any three of the following nine courses, (9 hours)

GEOG 1010 Weather and Climate	3
GEOL 2000 Earth Evolution and Life History	3
AGRN 2210 Soils	3
AGET 3510 Agricultural Surveying	3
CHEM 3710 Chemistry and the Environment	3
AGRN 4230 Soil Classification	3
BIOL 4240 Systematic Botany	3
BIOL 4740 Pollution Microbiology	3
WFS 4500 National Wildlife Policy	3

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/>

GEOSCIENCES GEOGRAPHIC INFORMATION SYSTEMS CONCENTRATION

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
GEOL 1040 Physical Geology	4	0	PHYS 2010, 2020 Non-Calculus Based Physics I, II	4	4
ENGL 1010, 1020 Composition I, II	3	3	Humanities/Fine Arts Electives ¹	3	3
CHEM 1110, 1120 General Chemistry I, II	4	4	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
HIST 2010, 2020 U.S. History I, II	3	3	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
MATH 1130, 1730 or 1910	3-4	0	ENGL 2110 or 2120 American Literature I or II	0	3
SPCH 1010 Fundamentals of Speech	0	3	Social/Behavioral Science Electives ¹	3	3
			Electives ²	3	4
Total	17-18	13	Total	13	17

TENNESSEE TECHNOLOGICAL UNIVERSITY

GEOSCIENCES: GEOGRAPHIC INFORMATION SYSTEMS CONCENTRATION - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Michael Harrison, Department Chairperson

Kittrell Hall 201, Phone: (931) 372-3121

Junior Year		Senior Year	
CSC 1070 Elementary Programming	3	GEOL 4930, 4931 Senior Thesis	6
GEOL 1045 Geology and the Environment	4	Directed Electives from GIS Concentration	3-4
GEOL 2500 Geologic Fundamentals	3	Required courses from GIS Concentration	4-6
GEOG 4510 Theory of GIS, I	3	MATH 3070 Statistical Methods I	3
Directed Electives from GIS Concentration	6	Electives	10-13
Required courses from GIS Concentration	9		
MATH or Free Elective ³	3		
Total	31	Total	29

Geographic Information Systems (GIS) Concentration Required Courses (15 hours)

CSC 1070 Elementary Programming	3
GEOG 4210 Cartography	3
GEOL(GEOG)4410 Remote Sensing	3
GEOG 4650 Environmental Applications of GIS	3
GEOG 4850 Advanced GIS	3

Geographic Information Systems (GIS) Concentration Directed Electives, any three of the following seven courses, (9-10 hours)

GEOG 1010 Weather and Climate	3
GEOG 1110 World Geography	3
GEOG(GEOL)3200 Water Resources	3
MATH 3080 or PSY 3010	3
GEOG 3010 Geography of the U.S.	3
GEOG(GEOL)4150 Geomorphology	4
GEOG 4511 Theory of GIS, II	3
GEOG(GEOL)4711 Hydrogeology	4

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/transfertablesagreements/>.

³If MATH 1130 was taken then take MATH 1720; otherwise take a free elective.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

GEOSCIENCES GEOGRAPHY CONCENTRATION

9/22/11

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
GEOL 1040 Physical Geology	4	0	PHYS 2010, 2020 Non-Calculus Based Physics I, II		
ENGL 1010, 1020 Composition I, II	3	3		4	4
CHEM 1110, 1120 General Chemistry I, II	4	4	Humanities/Fine Arts Electives ¹	3	3
HIST 2010, 2020 U.S. History I, II	3	3	ENGL 2310 or 2320 World Literature I or II OR		
MATH 1130, 1730 or 1910	3-4	0	ENGL 2210 or 2220 British Literature I or II OR		
SPCH 1010 Fundamentals of Speech	0	3	ENGL 2110 or 2120 American Literature I or II	0	3
			Social/Behavioral Science Electives ¹	3	3
			Electives ²	3	4
Total	17-18	13	Total	13	17

TENNESSEE TECHNOLOGICAL UNIVERSITY GEOSCIENCES: GEOGRAPHY CONCENTRATION - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Michael Harrison, Department Chairperson
Kittrell Hall 201, Phone: (931) 372-3121

Junior Year		Senior Year	
GEOL 1045 Earth Environment, Resources, and Society	4	GEOL 4930, 4931 Senior Thesis	6
GEOL 2500 Geologic Fundamentals	3	Directed Electives from Geography Concentration	3-4
GEOG 4510 Theory of GIS, I	3	Required courses from Geography Concentration	12-14
Required courses from Geography Concentration	15	MATH 3070 Statistical Methods I	3
MATH or Free Elective ³	3	Electives	5-8
Total	28	Total	32

Geography Concentration Required Courses (18 hours)

GEOG 1010 Weather and Climate	3
GEOG 1120 Human Geography	3
GEOG 1130 Geography of Natural Hazards	3
GEOG 3200 Water Resources	3
GEOG 4210 Cartography	3
GEOG 4650 Environmental Applications of GIS	3

Geography Concentration Directed Electives, any four of the following courses, (12-14 hours)

GEOG 105 World Regional Geography (RODP)	3
GEOG 1110 World Geography	3
GEOL 2000 Earth Evolution and Life History	3
GEOL 3710 Geography of the U.S.	3
GEOG 4150 Geomorphology	4
GEOG 4410 Remote Sensing	3
GEOG 4511 Theory of GIS, II	3
GEOG 4711 Hydrogeology	4
GEOG 4850 Advanced GIS	3

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/transfertablesagreements/>.

³If MATH 1130 was taken then take MATH 1720; otherwise take a free elective.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

WEB DESIGN

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020	3	3	ENGL 2310 or 2320	0	0
Composition I, II			World Literature I or II <u>OR</u>		
MATH 1730	4	0	ENGL 2210 or 2220	0	0
Pre-Calculus			British Literature I or II <u>OR</u>		
ARTP 1110	2	0	ENGL 2110 or 2120	0	3
Studio Fundamentals: Two Dimensional Design			American Literature I or II		
ECON 2010, 2020	3	3	HIST 2010, 2020	3	3
Macroeconomics, Microeconomics			U.S. History I, II		
INFS 1010	0	3	SPCH 1010	3	0
Computer Applications			Fundamentals of Speech		
Natural Science Sequence	4	4	Humanities/Fine Arts Electives ¹	3	3
Elective ²	0	1	Electives ²	6	6
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY WEB DESIGN - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Kristin Pickering, Henderson Hall 312A, Phone: (931) 372-6568

Junior Year	F	SP	Senior Year	F	SP
ART 2070	3	0	CSC 4950	0	3
Digital Art Basics			Capstone Project		
CSC 2100	3	3	DS 3841	3	3
Intro to Problem Solving and Computer Programming			Management Information Systems		
CSC 2110	3	3	DS 3870	3	3
Data Structures and Algorithms			Business Web App Dev		
CSC 2111	1	0	MKT 3400	3	3
Data Structures and Algorithms Lab			Principles of Marketing		
CSC 2120	3	3	SPCH 3120	3	3
Object-Oriented Programming & Design			Visual Communicaton		
CSC 2121	1	0	WEBD 4995	3	3
Object-Oriented Programming & Design			WEBD 3500	3	3
DS 3810	3	3	WEBD 4950	3	3
Business Apps of Microcomputers			Rhetoric of Internet Publishing		
JOUR 2200	3	3	WEBD 4975	3	3
Mass Communication in a Changing Society			Seminar in Web Design		
JOUR 3460	3	3	Elective	3	3
Introduction to Public Relations					
UNIV 1020	1	0			
First-Year Connection					
WEBD 1500	3	3			
Introduction to Web Design					
WEBD 2300	3	3			
Web Site Design: Dynamic Sites					
Total	30	30	Total	30	30

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

WILDLIFE AND FISHERIES SCIENCE - WILDLIFE

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120 General Biology I, II	4	4	ENGL 2310 or 2320 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 Basic Calculus	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. Dan Combs, Department Chairperson

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

Junior Year			Senior Year		
BIOL 1000 Intro to Biological Methods	1		AGHT 3450 Dendrology		3
BIOL 1050 Principles of Biology	3		WFS 4500 National Wildlife Policy		3
BIOL 3810 General Genetics	4		WFS 4660 Wild Bird Ecology		3
BIOL 3920 Biological Communication Skills	3		WFS 4670 Wild Mammal Ecology		3
GEOL 2000 Earth Evolution & Life History	3		WFS 4830 Herpetology		3
WFS 3130 General Ecology	3		WFS 4700 Habitat Management		3
BIOL 3240 Field Botany	3		WFS 4790 Wildlife Techniques		6
WFS 3500 Wildlife Law Enforcement	3		MATH 3070 Statistical Methods I		3
WFS 4740 Wildlife Principles	2				
Science Directed Electives ³	6-8				
Total	31-33		Total		27

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

³Choose two courses from AGRN 2210, BIOL 3530, BIOL 4330, GEOG 4410 or 4510, WFS 4640, WFS 4711, WFS 4730, or WFS 4810 (only one of the GEOG courses will count toward this requirement).

Students must complete 60 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	Basic Calculus	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. Dan Combs, Department Chairperson

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

Junior Year			Senior Year		
BIOL 1000	Intro to Biological Methods	1	WFS 4500	National Wildlife Policy	3
BIOL 1050	Principles of Biology	3	WFS 4630 or 4820	Ornithology or Mammalogy	3
BIOL 3240	Field Botany	3	WFS 4700	Habitat Management	3
BIOL 3810	General Genetics	4	WFS 4711	Fisheries Management	3
BIOL 3920	Biological Communication Skills	3	WFS 4740	Wildlife Principles	2
BIOL 4330	Plant Ecology	3	WFS 4730	Conservation Biology	3
BIOL 4610	Invertebrate Zoology	3	WFS 4810 or 4830	Ichthyology or Herpetology	3
GEOL 2000	Earth Evolution & Life History	3	Science Directed Electives ³		6-10
MATH 3070	Statistical Methods I	3	Electives		0-4
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 <http://www.tntech.edu/transfers/transfertablesagreements/>.

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

³Choose two courses from AGHT 3450, AGRN 2210, BIOL 3530, BIOL 4320, BIOL 4840, GEOG 4410 or 4510, WFS 4790, (only one of the GEOG courses will count toward this requirement).

Students must complete 60 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 Basic Calculus	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. Dan Combs, 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 1050 Principles of Biology	3	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 Statistical Methods I	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 <http://www.tntech.edu/transfers/transfertablesagreements/>.

²Choose two courses from AGRN 2210, BIOL 3530, BIOL 4330, GEOG 4410 or 4510, WFS 3500, WFS 4700, WFS 4730, or WFS 4790, (only one of the GEOG courses will count toward this requirement).

Students must complete 60 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, Basic Calculus	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
Non-Business 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
			Non-Business 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. Curtis Armstrong, Interim Department Chairperson
Johnson Hall 306, Phone: (931) 372-3160

Junior Year		3	Senior Year		3
BMGT 3510 Management & Org. Behavior		3	BMGT 4120 Compensation Administration		3
BMGT 3600 International Management		3	BMGT 4410 Conflict Management & Negotiation		3
BMGT 3630 Human Resource Management		3	BMGT 4520 Applied Management Skills		3
LAW 3810 Business Legal Environment & Ethics		3	BMGT 4610 Leadership and Employee Development		3
DS 3620 Management Science		3	BMGT 4930 Business Strategy		3
DS 3810 Business Apps. of Microcomputers		3	DS 3520 Operations Management		3
DS 3841 Management Info. Systems		3	ECON 3320, 3810, or 3820		3
ECON 3610 Business Statistics I		3	Business Elective ⁴		3
FIN 3210 Principles of Managerial Finance		3	Non-Business Electives ⁴		6
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 <http://www.tntech.edu/transfers/transfertablesagreements/>.

²Non-Business electives should be chosen from non-business subject areas and must be transferable to TTU in order to count toward degree completion.

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 60 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,		
MATH 1130, 1830 College Algebra, Basic Calculus	3	3	Microeconomics	3	3
Natural Science ³	4	4	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
Humanities/Fine Arts Electives ¹	3	0	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
Non-Business Elective ²	0	4	ENGL 2110 or 2120 American Literature I or II	0	3
			HIST 2010, 2020 U.S. History I, II	3	3
			SPCH 1010 Fundamentals of Speech	3	0
			Humanities/Fine Arts Elective ¹	3	0
			Non-Business 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. Curtis Armstrong, 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 Management Science		3		ISE/MIT 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 <http://www.tntech.edu/transfers/transfertablesagreements/>.

²Non-Business electives should be chosen from non-business subject areas and must be transferable to TTU in order to count toward degree completion.

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 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

BUSINESS MANAGEMENT - MANAGEMENT INFORMATION SYSTEMS

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, Basic Calculus	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
Non-Business 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
			Non-Business Elective ²	0	3
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY BUSINESS MANAGEMENT - OPTION BUIN (MANAGEMENT INFORMATION SYSTEMS) BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Curtis Armstrong, 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 3520 Operations Management		3	DS 3860 Business Database Management		3
DS 3620 Management Science		3	DS 4250 Business Data Communications		3
DS 3810 Business Apps. of Microcomputers		3	DS 4330 Management Systems Analysis		3
DS 3841 Management Info. Systems		3	DS 4550 Information Systems Development Practicum		3
DS 3850 Advanced Business Data Processing		3	ECON 3320, 3810, or 3820		3
DS 3870 Business Web Applications Development		3	LAW 3810 Business Legal Environment & Ethics		3
ECON 3610 Business Statistics I		3	Business Elective ⁴		3
FIN 3210 Principles of Managerial Finance		3	Non-Business Electives ⁴		6
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
<http://www.tntech.edu/transfers/transfertablesagreements/>

²Non-Business electives should be chosen from non- business subject areas and must be transferable to TTU in order to count toward degree completion.

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 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

FINANCE

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	3	0	ACCT 1010, 1020 Principles of Accounting I, II	3	3
ENGL 1010, 1020 Composition I, II	3	3	ECON 2010, 2020 Macroeconomics, Microeconomics	3	3
MATH 1130, 18130 College Algebra, Basic Calculus ³	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
Non-Business 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
			Non-Business Elective ²	0	3
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

FINANCE - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Steve Isbell, Interim Department Chairperson

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

Junior Year		Senior Year	
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 Management Science	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	Non-Business 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 <http://www.tntech.edu/transfers/transfertablesagreements/>.

²Non-Business electives should be chosen from non-business subject areas and must be transferable to TTU in order to count toward degree completion.

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 60 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

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, Microeconomics	3	3
MATH 1130, 1830 College Algebra, Basic Calculus	3	3	ENGL 2310 or 2320 World Literature I or II OR		
Natural Science ³	4	4	ENGL 2210 or 2220 British Literature I or II OR		
Humanities/Fine Arts Elective ¹	3	0	ENGL 2110 or 212 American Literature I or II	0	3
Non-Business 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
			Non-Business Elective ²	0	3
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY MARKETING - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Steve Isbell, Interim Department Chairperson
Johnson Hall 216, Phone: (931) 372-3745

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

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

²Non-Business electives should be chosen from non- business subject areas and must be transferable to TTU in order to count toward degree completion.

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 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

INTERNATIONAL BUSINESS AND CULTURES

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
ENGL 1010, 1020	Composition I, II	3	3	ACCT 1010, 1020	Principles of Accounting	3	3
MATH 1130	College Algebra	3	0	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
Natural Science ¹		4	4	ENGL 2310 or 2320	World Literature I or II	3	0
INFS 1010	Computer Applications	0	3	HIST 2010, 2020	U.S. History I, II	3	3
Foreign Language 1010, 1020		3	3	SPCH 1010	Fundamentals of Speech Foreign Language 2010, 2020	0	3
HIST 1210, 1220	Survey of World History I, II	3	3			3	3
Total		16	16	Total		15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
INTERNATIONAL BUSINESS AND CULTURES- BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Steve Isbell, Interim Department Chairperson
Johnson Hall 216, Phone: (931) 372-3745

Junior Year			Senior Year		
UBUS 1020	Success Skills for Business Studies	1	BMGT 4930	Business Strategy	3
BMGT 3510	Management and Org. Behavior	3	ECON 4600	Economic Growth & Development	3
BMGT 3600	International Management	3	FIN 4510	International Trade and Finance	3
ECON 3320, 3810, or 3820		3	FIN 4910	Multinational Financial Management	3
ECON 3610	Business Statistics I	3	MKT 4100	International Marketing	3
FIN 3210	Principles of Managerial Finance	3	Foreign Language Upper-Division Electives ²		6
MKT 3400	Principles of Marketing	3	ICB 4980	Practicum	3-6
World Studies Elective ³		6	Business Elective		3
Foreign Language 3010, 3020		6	Foreign Language 3200		3
Total		31	Total		30-33

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

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

³Students may choose from the following: ENGL 4680, 4720; FREN 3510; GERM 3510 or 3520; JAPN 3510; RUSS 3510; SPAN 3510 or 3550; GEOG 1110, 1120, 1130, 3200; HIST 3710, 4440, 4550, 4560, 4570, 4620, 4710, 4730, 4740, 4750, 4760, 4790; PHIL 4020; POLS 3300, 3310, 4510, 4960; SOC 2100, 4090; MUS 2030.

COLLEGE OF EDUCATION

ADMISSION TO TEACHER EDUCATION

There are three levels of admission to the TTU Teacher Education Program. The student receives provisional admission upon meeting the admission policies of the institution. The student receives full admission upon meeting the following criteria:

1. Completion of a minimum of 30 semester hours of credit, exclusive of DSP courses, and including ENGL 1010, 1020, and FOED 2011 (or equivalent).
2. Attainment of a minimum quality point average of 2.50 (exclusive of DSP credit).
3. Attainment of minimum scores on the Educational Testing Service PRAXIS I Series: Pre-Professional Skills Tests (Mathematics – 173, Reading – 174, and Writing 173). Individuals having achieved an Enhanced ACT composite score of 22 or a recombined score of 1020 on the SAT are exempt from the PRAXIS I requirement. If seeking an for the PRAXIS I Pre-Professional Skills testing requirement, the student must provide copies of ACT or SAT scores and official transcripts from all institutions previously attended.
4. Evidence of desirable dispositions conducive to success in teaching. Disposition Assessment Forms should be distributed to the following individuals: (1) academic advisor; (2) a professional education instructor; (3) an instructor in the major teaching field if the student is majoring in a 7-12 area, or to an instructor outside the field of education, if the student is majoring in a K-6, 4-8, K-12, or PreK-4 field of study; and (4) to a public school teacher, principal, or counselor. The Disposition Assessment forms must be returned to the attention of the Certification Analyst in TTU Office of Teacher Education.
5. Formal application for admission to the TTU Teacher Education Program must be filed with the Certification Analyst upon completion of 30 semester hours of credit.

All requirements for admission to the Teacher Education program must be completed and candidates attain full admission to the teacher education program before enrolling in upper division professional education courses. The application to the TTU Teacher Education program must be completed and returned to the attention of the Certification Analyst during the semester immediately preceding attendance at TTU. The application packet may be obtained from the TTU Office of Teacher Education's website, or by writing the TTU Office of Teacher Education, Box 5902, TTU, Cookeville, TN 38505.

The third level of admission in the TTU Teacher Education program is student teaching. Candidates are required to submit an Intent to Student Teach approximately one year in advance of the semester scheduled for student teaching. Progression through all the teacher licensure programs is based upon candidate performance and departmental evaluations. For additional details on admission policies and procedural matters, please consult the TTU Catalog.

Teacher Education candidates may be required to meet revisions in various curricula necessitated by changing standards of the National Council for Accreditation of Teacher Education or by requirements of the TN State Board of Education and teacher licensure.

CHILD AND FAMILY STUDIES
EARLY CHILDHOOD EDUCATION (PREK-3 LICENSURE)
EARLY CHILDHOOD SPECIAL EDUCATION/PREK-3

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
BIOL 1110 or 1120	General Biology I or II	4	0	EDU 210	Child & Adolescent Development	3	0
ENGL 1010, 1020	Composition I, II	3	3	EDU 231*	Field Experiences I	2	0
EDU 223	Instructional Aids & Equipment	1	0	MSC 1012	Intro to Physical Science	4	0
EDU 101	Intro to the Teaching Prof.	2	0	ENGL 2310 or 2320	World Literature I or II <u>OR</u>		
MATH 1410, 1420	Number Concepts/Algebra Structures, Problem Solving/Geometry	3	3	ENGL 2210 or 2220	British Literature I or II	0	3
PHED	Physical Education	1	1	ENGL 2110 or 2120	American Literature I or II	3	0
GEOG 1220	Human Geography	3	0	HIST 2010, 2020	U.S. History I, II	3	3
GEOL 1040 or 1050	Physical or Historical Geology	0	4	SPCH 1010	Fundamentals of Speech	0	3
HEA131	Elementary Nutrition	0	2	SOCI 1010 or SOCI 2110		0	3
ARTH or MUS 1030	Art or Music Appreciation	0	3				
	Total	17	16		Total	15	12

TENNESSEE TECHNOLOGICAL UNIVERSITY
CHILD AND FAMILY STUDIES (ECED PREK-3 AND SPED PREK-3 LICENSURE)

Advisor: Dr. Susan Gore, Interim Department Chairperson

Bartoo Hall 311, Phone: (931) 372-3181

Junior Year				Senior Year			
HEC 1010	Life Span Development	3		CFS 3600	Family Community & Prof. Partnerships		2
HEC 2060	The Family System	2		ECSP 4000	Developmentally Appropriate Practice Birth-Preschool		3
CFS 2400, 2410	Children with Special Needs, Practicum	4		ECSP 4100	Developmentally Appropriate Practice K-4		3
FOED 3010	Integrating Instructional Technology	3		ECSP 4300	Assessment of Young Children		3
HEC 3520	Parenting and Child Guidance	2		ECSP 4870	Student Teaching I		5
ECSP 3001	Curriculum for Infants, Toddlers and Preschoolers	3		ECSP 4880	Student Teaching II		5
ECSP 3200, 3211	Procedures for Infants, Toddlers, and Preschoolers; Practicum	4		ECSP 4890	Seminar/Student Teaching/Internship		2
ECED 3300, 3310	Concepts for Young Children, Practicum	4		EXPW 2430	First Aid, Safety and CPR		2
FOED 3810	Field Experiences in Education	1		Elective			1
READ 3311	Literacy I	7					
MUS 1074	Music to Meet Exceptional Needs	1					
	Total	34			Total		26

*EDU 231 is a co-requisite for EDU 210.

The student may be required to meet revisions in the various curricula necessitated by changing standards of the National Council for Accreditation of Teacher Education or by requirements of the State Board of Education for teacher licensure.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

CHILD AND FAMILY STUDIES
EARLY CHILDHOOD EDUCATION (PREK-3 LICENSURE)
EARLY CHILDHOOD SPECIAL EDUCATION/PREK-3

9/22/11

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF APPLIED SCIENCE

Freshman Year			Sophomore Year		
ENGL 1010, 1020	Composition I, II	6	ECED2040	Family Dynamics & Community Involvement	3
ECED1010	Intro to Early Childhood Education	2	ECED2060	Developmental of Exceptional Children	3
ECED2010	Safe, Healthy, Learning Environment	3	ECED2070	Development Assessment	3
ECED2015	Early Childhood Curriculum	3	ECED2080	Language & Literacy in ECED	3
ECED2020	Infant, Toddler Child Development	3	ECED2085	Math & Science in Early Childhood	3
ECED2130	Clinical Practicum I	3	ECED2100	The Mentoring Teacher	3
MATH 1410	Number Concepts/Algebra Structures	3	ECED2150	Clinical Practicum III	3
SPCH1010	Fundamentals of Speech	3	English Literature ¹		3
MSC 1012	Intro to Physical Science	4	SOCI 1010 or 2110		3
			ARTH or MUS 1030		3
	Total	30	Total		30

TENNESSEE TECHNOLOGICAL UNIVERSITY
CHILD AND FAMILY STUDIES (ECED PREK-3 AND SPED PREK-3 LICENSURE)

Advisor: Dr. Susan Gore, Interim Department Chairperson
 Bartoo Hall 311, Phone: (931) 372-3181

Transition		
BIOL 1310, GEOL 1310		6
HEC 1010	Life Span Development	3
FOED 1820 or 1822		1
ENGL 2130	American Literature	3
FOED 2011	Intro to Teaching & Technology	2
HIST 2010, 2020	American History I, II	6
MATH 1420	Survey of Elementary Mathematics II	3
GEOG 1120	Human Geography	3
HEC 1030	Introduction to Nutrition	2
PHED Activity		2
	Total	31

Junior Year		Senior Year			
HEC 3520	Parenting Education & Child Guidance	2	CFS 3600	Family, Community & Professional Partnerships	2
ECSP 3001	Curriculum for Infants, Toddlers & Preschoolers	3	EXPW 2430	First Aid, Safety & CPR	2
ECSP 3200, 3211	Procedures for Infants, Toddlers & Preschoolers; Practicum	4	ECSP 4000	Developmentally Appropriate Practices: Birth-Preschool	3
ECED 3300, 3310	Concepts for Young Children: Mathematics, Science & Social Studies; Practicum	4	ECSP 4100	Developmentally Appropriate Practices: K-4	3
FOED 3010	Integrating Instructional Technology into the Classroom	3	ECSP 4300	Assessment of Young Children	3
FOED 3810	Field Experiences in Education	1	ECSP 4870	Student Teaching I	5
READ 3311	Literacy I	7	ECSP 4880	Student Teaching II	5
MUS 1074	Music to Meet Exceptional Ed Needs	1	ECSP 4890	Seminar: Student Teaching/Internships	2
	Total	25	Total		25

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

MULTIDISCIPLINARY STUDIES (K-6 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 Profession	2	EDU 212	Child Development and Psychology	3
EDU 111	Intro to Educating Exceptional Children	3	ENGL 2310 or 2320	World Literature I or II OR	
EDU 223	Instructional Aids & Equipment	1	ENGL 2210 or 2220	British Literature I or II OR	
MATH 1410, 1420	Number Concepts/Algebra Structures	6	ENGL 2110 or 2120	American Literature I or II	6
GEOG 1210	World Geography	3	HIST 2010, 2020	U.S. History I, II OR	
ARTH or MUS 1030	Art or Music Appreciation	3	HIST 2030	Tennessee History (Select two)	6
SPCH 1010	Fundamentals of Speech	3	MATH 1530	Probability and Statistics	3
ASTR 1010	Intro to Astronomy OR		MSC 1012	Physical Sciences	4
GEOL 1040	Physical Geology OR		POLS 1030	American Government or	
GEOL 1050	Historical Geology (Select one)	4	SOCI 1010	Intro to Sociology	3
	Total	31		Total	29

TENNESSEE TECHNOLOGICAL UNIVERSITY

MULTIDISCIPLINARY STUDIES: ELEMENTARY EDUCATION (K-6 LICENSURE) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Susan Gore, Interim Department Chairperson

Bartoo Hall 311, Phone: (931) 372-3181

Junior Year			Senior Year		
ART 3200	Art Applications I	2	ELED4871	Residency I	5
CFS 3600	Family, Community & Prof. Partnerships	2	ELED4872	Professional Seminar I	5
CUED 4850	Workshop in Education	3	ELED4881	Residency II	10
ECSP 4100	Dev. Appropriate Practices: K-4	3	ELED4882	Professional Seminar	2
ELED 3140	Teaching of Social Studies	2	Electives		3
ELED 3151	Teaching of Language Arts & Writing	2			
ELED 3152	Teaching of Mathematics	2			
ELED 4140	Science for Elementary Teachers	2			
ESLP 4100	ESL Methodology and Materials for PreK-12	3			
FOED 3010	Integrating Instructional Technology	3			
MUS 3530	Music Applications	3			
READ 3311	Literacy I	7			
	Total	35		Total	25

The student may be required to meet revisions in the various curricula necessitated by changing standards of the National Council for Accreditation of Teacher Education or by requirements of the State Board of Education for teacher licensure.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

MULTIDISCIPLINARY STUDIES (4-8 LICENSURE)

9/22/11

Middle School

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year			F	SP	Sophomore Year			F	SP
BIOL 1110 or 1120	General Biology I or II		4	0	MSC 1012	Intro to Physical Science	4	0	
ENGL 1010, 1020	Composition I, II		3	3	EDU 211	Educational Psychology	3	0	
EDU 101	Intro to Teaching Profession		0	2	ENGL 2310 or 2320	World Literature I or II <u>OR</u>			
EDU 223	Instructional Aids & Equipment		0	1	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 1410, 1420	Number Concepts/Algebra Structures		3	3	SPCH 1010	Fundamentals of Speech	3	0	
SOCI 1010	Introduction to Sociology		0	3	GEOG 1220	Human Geography	0	3	
					GEOL 1040 or 1050	General Geology I or II	0	4	
					ARTH or MUS 1030		0	3	
					POLS 1030	American Government	0	3	
					Elective ¹		2	0	
	Total		13	15	Total		15	16	

TENNESSEE TECHNOLOGICAL UNIVERSITY

MULTIDISCIPLINARY STUDIES (4-8 LICENSURE) MIDDLE SCHOOL - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Susan Gore, Interim Department Chairperson

Bartoo Hall 311, Phone: (931) 372-3181

Junior Year				Senior Year		
ART 3200 or MUS 3530			2-3	HEC 3500	Development: Middle Childhood/Adolescence	3
CUED 4850	Workshop in Education		3	ELED 4871	Residency I	5
ELED 3152	Teaching of Mathematics		3	ELED 4872	Professional Seminar I	5
ELED 3140	Teaching of Social Studies		2	ELED 4881	Residency II	10
ELED 4140	Science for Elementary Teachers		2	ELED 4882	Professional Seminar II	2
FOED 3810	Field Experience in Education		2			
HIST 1110	World Civilization I		3			
HIST 2030 or 3100			3			
LSCI 4570	Books and Related Materials for Adolescents and Adults		3			
MATH 1130	College Algebra		3			
READ 3311	Literacy I		5			
Electives			2-3			
	Total		35	Total		25

¹Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

Submit evidence of CPR Training.

The student may be required to meet revisions in the various curricula necessitated by changing standards of the National Council for Accreditation of Teacher Education or by requirements of the State Board of Education for teacher licensure.

SECONDARY EDUCATION (7-12 LICENSURE) OPTION: BIOLOGY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120	4	4	CHEM 1110, 1120	4	4
ENGL 1010, 1020	3	3	Gen. Chemistry I, II		
EDU 101			ENGL 2310 or 2320		
			World Literature I or II <u>OR</u>		
			ENGL 2210 or 2220	0	3
			British Literature I or II		
	2	0	ENGL 2110 or 2120	3	0
MATH 1530			American Literature I or II		
Probability & Statistics		3	HIST 2010, 2020	3	3
PHYS 2010	4	0	U.S. History I, II		
Non-Calculus Based Physics I			SPCH 1010	0	3
EDU 223	1	0	Fundamentals of Speech		
Instructional Aids & Equipment			ECON 2020, GEOG 1220, POLS 1030, PSYC 1030,		
ARTH or MUS 1030	0	3	SOCI 1010 or 2110	3	3
Elective	0	1	EDU 211	3	0
			Educational Psychology		
Total	14	14	Total	16	16

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

Advisor: Dr. Susan Gore, Interim Department Chairperson
Bartoo Hall 311, Phone: (931) 372-3181

Junior Year		3	Senior Year		4
MATH 1830	Concepts of Calculus	3	ASTR 1010 or 1020		4
BIOL 2010	Human Anatomy & Physiology I	4	SEED 4871	Residency I	5
BIOL 3130	General Ecology	4	SEED 4872	Professional Seminar I	5
BIOL 3810	General Genetics	4	SEED 4881	Residency II	10
BIOL 3920	Biol. Communication Skills	3	SEED 4882	Professional Seminar II	2
EDPY 3300	Evaluation & Guidance	3			
FOED 3010	Integrating Instruc Technology	3			
MATH 1710	Pre-calculus I	3			
READ 3350	Teaching Reading in the Content Area	3			
SEED 4123	Material & Methods of Teaching the Sciences	3			
GEOL 1040	The Dynamic Earth	4			
Total		35	Total		25

The student may be required to meet revisions in the various curricula necessitated by changing standards of the National Council for Accreditation of Teacher Education or by requirements of the State Board of Education for teacher licensure.

Students must complete 60 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

Freshman Year	F	SP	Sophomore Year	F	SP
EDU 101 Introduction to Teaching Profession	2	0	EDU 211 Educational Psychology	0	3
EDU 223 Instructional Aids & Equipment	1	0	ENGL 2310 or 2320 World Literature I or II <u>OR</u>	0	3
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2210 or 2220 British Literature I or II	3	0
MATH 1910, 1920 Calculus I, II	4	4	ENGL 2110 or 2120 American Literature I or II	3	0
PHED Physical Education	0	1	HIST 2010, 2020 U.S. History I, II	3	3
ARTH or MUS 1030 Science Sequence	0	3	ECON 2020, GEOG 1220, POLS 1030, PSYC 1030, SOCI 1010, or SOCI 2110	3	3
	4	4	MATH 2110 Calculus III	4	0
			MATH 2010 Matrix Algebra	3	0
			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: Dr. Susan Gore, Interim Department Chairperson
Bartoo Hall 311, Phone: (931) 372-3181

Junior Year		3	Senior Year		3
FOED 3010 Integrating Instructional Technology	3		MATH 4210 Numerical Analysis I		3
MATH 1410 or 1420	3		SEED 4871 Residency I		5
MATH 2120 Differential Equations	3		SEED 4872 Professional Seminar I		5
MATH 3070 Statistical Methods I	3		SEED 4881 Residency II		10
MATH 3400 Intro to Concepts of Math	3		SEED 4882 Professional Seminar II		2
MATH 3430 College Geometry	3		Any upper-division math elective		3
MATH 4010, 4050, 4350, or 4360	3				
MATH 4610 or 4620	3				
READ 3350 Teaching Reading in Content Area	3				
SEED 4122 Material & Methods of Teaching Math	3				
SEED 4422 Teaching Secondary Mathematics Using Technology	3				
Total		32	Total		28

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

SPECIAL EDUCATION MODIFIED (K-12 LICENSURE)

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110 General Biology I	4	0	ECED 2010 Safe, Healthy Learning Environments	3	0
EDU 101 Introduction to Teaching Profession	2	0	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
EDU 223 Instructional Aids & Equipment	1	0	ENGL 2210 or 2220 British Literature I or II	0	3
EDU 231 Field Experiences I	0	2	ENGL 2110 or 2120 American Literature I or II	3	0
ENGL 1010, 1020 Composition I, II	3	3	HIST 2010, 2020 U.S. History I, II	3	3
GEOG 1220 Human Geography	0	3	MATH 1410, 1420 Number Concepts/Algebra Structures		
GEOL 1040 or 1050 Physical or Historical Geology	0	4	Problem Solving/Geometry	3	3
ARTH or MUS 1030	0	3	SPCH 1010 Fundamentals of Speech	3	0
SOCI 1010 Intro to Sociology	3	0	MSC 1012 Intro to Physical Science	0	4
			Elective	0	3
Total	13	15	Total	15	16

TENNESSEE TECHNOLOGICAL UNIVERSITY

SPECIAL EDUCATION: MODIFIED PROGRAM (K-12 LICENSURE) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Susan Gore, Interim Department Chairperson

Bartoo Hall 311, Phone: (931) 372-3181

Junior Year		Senior Year		
ART 3200 Art Applications I	2	SPED 4871 Residency I		5
CFS 3600 Family, Community & Professional Partnerships	2	SPED 4872 Professional Seminar I		5
EDPY 2200 Educational Psychology	3	SEED 4881 Residency II		10
FOED 3010 Integrating Instructional Technology	3	SEED 4882 Professional Seminar II		2
MUS 1074 Music to Meet Exceptional Education Needs	1	SPED Electives		3
READ 331I Literacy I	7			
SPED 3030 The Education of Persons with Learning Disabilities	3			
SPED 3031 Physical Management	3			
SPED 4030 Applied Behavior Analysis for Teachers	3			
SPED 4200 Autism Disorders	3			
SPED Electives	8			
Total	35	Total		25

The student may be required to meet revisions in the various curricula necessitated by changing standards of the National Council for Accreditation of Teacher Education or by requirements of the State Board of Education for teacher licensure.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

SPECIAL EDUCATION COMPREHENSIVE (K-12 LICENSURE)

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110 or 1120 General Biology I or II	4	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>		
EDU 101 Introduction to Teaching Profession	2	0	ENGL 2210 or 2220 British Literature I or II	0	3
EDU 223 Instructional Aids & Equipment	1	0	ENGL 2110 or 2120 American Literature I or II	3	0
EDU 231 Field Experiences I	0	2	GEOG 1220 Human Geography	3	0
MATH 1410, 1420 Number Concepts/Algebra Structures			GEOG 1040 or 1050 Physical or Historical Geology	0	4
MSC 1012 Intro to Physical Science	0	4	HIST 2010, 2020 U.S. History I, II	3	3
Humanities/Fine Arts Elective	0	3	SPCH 1010 Fundamentals of Speech	3	0
Elective	1	0	Social/Behavioral Science Elective	0	3
			ECED 2010 Safe, Healthy Learning		
Total	14	15	Environments	3	0
			Total	15	16

TENNESSEE TECHNOLOGICAL UNIVERSITY

SPECIAL EDUCATION: COMPREHENSIVE PROGRAM (K-12 LICENSURE) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Susan Gore, Interim Department Chairperson

Bartoo Hall 311, Phone: (931) 372-3181

Junior Year		Senior Year		
ART 3200 Art Applications I	2	EXPW 4520 Special Physical Education		3
CFS 3600 Family, Community & Prof. Partnership	2	SPED 4871 Residency I		5
FOED 3010 Integrating Instructional Technology	3	SPED 4872 Professional Seminar I		5
MUS 1074 Music to Meet Exceptional Education		SPED 4881 Residency II		10
		SPED 4882 Professional Seminar II		2
READ 331I Literacy I	7			
SPED 3031 Physical Management & Support Services	3			
SPED 3020 Char. Needs of Persons/Comprehensive Disabilities	3			
SPED 4030 Applied Behavior Anal./ Teachers	3			
SPED 4200 Autism Disorders	3			
SPED Electives	8			
Total	35	Total		25

The student may be required to meet revisions in the various curricula necessitated by changing standards of the National Council for Accreditation of Teacher Education or by requirements of the State Board of Education for teacher licensure.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

EXERCISE SCIENCE, PHYSICAL EDUCATION AND WELLNESS (K-12 Licensure)

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1110, 1120	4	4	ENGL 2310 or 2320	0	0
General Biology I, II			World Literature I or II <u>OR</u>		
EDU 101	2	0	ENGL 2210 or 2220	0	0
Intro to Teaching			British Literature I or II <u>OR</u>		
EDU 211	3	0	ENGL 2110 or 2120	0	3
Educational Psychology			American Literature I or II		
EDU 223	1	0	HEA 227	3	0
Instructional Aids & Equipment			Intro to Exercise Science		
ENGL 1010, 1020	3	3	HIST 2010, 2020	3	3
Composition I, II			U.S. History I, II		
HEA 221	0	3	PSYC 1030	0	3
Safety, First Aid & CPR			General Psychology		
Humanities/Fine Arts Elective	0	3	Social/Behavioral Science Elective ¹	3	0
MATH 1130	3	0	SPCH 1010	0	3
College Algebra			Fundamentals of Speech		
Elective	0	1	Humanities/Fine Arts Elective	3	0
			BIOL 2010	0	4
			Human Anatomy & Physiology		
			Elective	2	0
Total	16	14	Total	14	16

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Advisor: Dr. J.P. Barfield, Department Chairperson

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

Junior Year		Senior Year		
EXPW 1021	Connection to Exercise Science	1	EXPW 4520	Adapted Physical Activity & Sport
EXPW 2130	Concepts of Comprehensive Health	3	EXPW 4871	Residency I
EXPW 2150	Human Sexuality	3	EXPW 4872	Professional Seminar I
EXPW 2160	Drug Use and Abuse	2	EXPW 4881	Residency II
EXPW 3132	School Health Pedagogy and Practicum	3	EXPW 4882	Professional Seminar II
EXPW 3410	Lifespan Motor Development	3		
EXPW 3170	Motor Learning and Sports Psy	3		
EXPW 3720	Instructional Strategies	3		
EXPW 4032	Training for Performance	2		
EXPW 4420	Kinesiology	3		
EXPW 4440	Physiology of Exercise	3		
EXPW 4711	Analysis and Development of Sport Skills	4		
EXPW 4721	Methods of Elementary Movement	4		
FOED 3010	Integrating Instructional Technology	3		
Total		40	Total	25

¹Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

The student may be required to meet revisions in the various curricula necessitated by changing standards of the National Council for Accreditation of Teacher Education or by requirements of the State Board of Education for teacher licensure.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

EXERCISE SCIENCE, PHYSICAL EDUCATION AND WELLNESS

Coaching and Sport Administration Concentration

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020	3	3	BIOL 2010	4	0
Composition I, II			Human Anatomy & Physiology		
BIOL 1110, 1120	4	4	ENGL 2310 or 2320	0	0
General Biology I, II			World Literature I or II <u>OR</u>		
PSYC 1030	0	3	ENGL 2210 or 2220	0	3
General Psychology			British Literature I or II <u>OR</u>		
HEA 131	2	0	ENGL 2110 or 2120	0	3
Elementary Nutrition			American Literature I or II		
HEA 221	0	3	HEA 225	3	0
Safety, First Aid, and CPR			Care & Prevention of Athletic		
HEA 227	0	3	Injuries	3	0
Intro to Exercise Science			HIST 2010, 2020	3	3
MATH 1130 or higher	3	0	Survey of U.S. History I, II		
Electives ¹	4	0	Humanities/Fine Arts Electives ²	3	3
			Social/Behavioral Science Elective ³	0	3
			SPCH 1010	0	3
			Fundamentals of Speech		
Total	16	16	Total	13	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Advisor: Dr. J.P. Barfield, Interim Department Chairperson

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

Junior Year	F	SP	Senior Year	F	SP
EXPW 1021	1	3	BMGT 4900	3	2
Connection to EXPW			Sports Management/Special Topics		
EXPW 2160	3	3	EXPW 3031	2	2
Drug Use and Abuse			Methods of Conditioning		
EXPW 2170	3	3	EXPW 3300	2	2
Intro to Sport Administration			Sports Officiating		
EXPW 3091	3	3	EXPW 3301	2	2
Coaching Individual Sports			Sports Officiating: Spring Sports		
EXPW 3092	3	3	EXPW 4171	3	3
Coaching Team Sports			Exercise & Sport Psychology		
EXPW 3170	3	3	EXPW 4420	3	3
Motor Learning or Guided Elective			Kinesiology or Guided Elective		
EXPW 3180	3	3	EXPW 4520	3	3
Introduction to Coaching			Adapted Physical Activity & Sport or		
EXPW 3410	3	3	Guided Elective	3	3
Motor Development or Guided Elective			EXPW Coaching Electives ⁴	4	4
EXPW 4440	3	3	EXPW 4540	3	3
Physiology of Exercise			Ethical Issues in Sports		
EXPW 4530	3	3	EXPW 4560	3	3
Organization and Administration of			Facility Planning & Mgmt		
Interscholar Athletics	3	3	EXPW 4811	3	3
EXPW 4550	3	3	Sport Adm. Internship		
Sport Governance			HIST 4470	3	3
			Sport Studies		
Total	31	31	Total	34	34

¹Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

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

³Select from SOC 201, 211; ECON 2010, 2020; GEOG 1130; POL 101.

⁴Choose any four of the following:

EXPW 4030	Coaching Tennis	EXPW 4064	Coaching Volleyball
EXPW 4040	Coaching Baseball	EXPW 4070	Coaching Soccer
EXPW 4060	Coaching Golf	EXPW 4080	Coaching Track and Field
EXPW 4061	Coaching Football	EXPW 4090	Coaching Softball
EXPW 4062	Coaching Basketball		

Students must complete 60 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	3	3	BIOL 2010		
HEA 131	0	2	Human Anatomy & Physiology I	4	0
MATH 1530	3	0	HIST 2010, 2020	3	3
PSYC 1030	0	3	SPCH 1010	0	3
BIOL 1110, 1120	4	4	Social/Behavioral Science Elective ³	3	0
Electives ¹	4	0	ENGL 2110 or 2120	3	0
HEA 221	0	3	Humanities/Fine Arts Electives ²	3	3
PHED Elective ¹	1	0	Elective ¹	0	5
Total	15	15	Total	16	14

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Advisor: Dr. J.P. Barfield, Interim Department Chairperson

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

Junior Year	F	SP	Senior Year	F	SP
EXPW 1021	1	1	BMGT 3510		
EXPW1022	2	2	Management of Organizational Behavior	3	3
EXPW 1150	3	3	EXPW 4210	3	3
EXPW 2150	3	3	EXPW 4440	3	3
EXPW 2160	3	3	EXPW 4520	3	3
EXPW 3032	3	3	EXPW 4171	3	3
	3	3	EXPW 4730	3	3
EXPW 3410	3	3	EXPW 4810	3	3
EXPW 3170	3	3	EXPW 4032	3	3
EXPW 4420	3	3	EXPW 4042	3	3
Electives	7	7	Electives	2	2
Total	31	31	Total	29	29

¹Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

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

³Select from SOCI 1010, 2110; ECON 2010, 2020; GEOG 1220; POLS 1030.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

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	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
SOCI 1010 Introduction to Sociology	0	3	ENGL 2210 or 2220 British Literature I or II		
MATH 1530 Probability & Statistics	3	0	ENGL 2110 or 2120 American Literature I or II	0	3
MATH 1730 Pre-calculus	0	4	Humanities/Fine Arts Electives ¹	3	3
PSYC 1030 General Psychology	3	0	SPCH 1010 Fundamentals of Speech	0	3
Directed Electives ²	4	4	HIST 2010, 2020 Survey of U.S. History I, II	3	3
			HEA 241 School Health	2	0
			INFS 1010 Computer Applications	3	0
Total	13	16	Total	15	16

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Advisor: Dr. J.P. Barfield, Interim Department Chairperson

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

Junior Year		Senior Year	
EXPW 1021 Connection to EXPW	1	EXPW 4171 Exercise & Sport Psychology	3
EXPW 1022 Intro to EXPW	2	EXPW 4420 Kinesiology	3
EXPW 1150 Care & Prevention of Athletic Injuries	3	EXPW 4520 Adapted Physical Activity and Sport	3
EXPW 2430 First Aid, Safety, & CPR	2	EXPW 4730 Assessment & Evaluation in PHED	3
SPED 3031 Physical Management & Support for Orthopedic, Motor & Health Impaired	3	EXPW 4810 Field Experience	3
EXPW 3070 Lifetime Wellness & Leisure Activities	3	EXPW 4440 Physiology of Exercise	3
EXPW 3170 Lifespan Motor Learning	3	Electives	12
EXPW 3410 Motor Development	3	EXPW 4210 Gerontology	3
Electives	7		
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/>.

²Directed Electives: CHEM 1110, CHEM 1120, PHYS 2010, PHYS 2020, and Medical Terminology.

Students must complete 60 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 1730 Pre-calculus	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
HEA 241 School Health	0	2	HEA 131 Elementary Nutrition	0	2
Humanities/Fine Arts Elective ¹	3	0	BIOL 2010, 2020 Anatomy & Physiology I, II	4	4
PSYC 1030 General Psychology	3	0	HIST 2010, 2020 Survey of U.S. History I, II	3	3
INFS 1010 Computer Applications	0	3	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. J.P. Barfield, Interim Department Chairperson

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

Junior Year		Senior Year		
EXPW 1021 Connection to EXPW		1	EXPW 4171 Exercise and Sport Psychology	3
EXPW 1022 Intro to EXPW		2	EXPW 4440 Physiology of Exercise	3
EXPW 1150 Care & Prevention of Athletic Injuries	3		EXPW 4520 Adapted Physical Activity and Sport	3
EXPW 3070 Lifetime Wellness and Leisure Activities	3		EXPW 4730 Assessment & Evaluation in Physical Education	3
EXPW 2430 First Aid, Safety, & CPR	2		EXPW 4810 Field Experience	3
EXPW 3170 Motor Learning	3		Electives	14
EXPW 3410 Lifespan Motor Development	3			
EXPW 4210 Gerontology	3			
EXPW 4420 Kinesiology	3			
SPED 3031 Physical Management and Support Services for Orthopedic, Motor and Health Impaired	3			
Electives	4			
Total		30	Total	30

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

²Directed Electives: BIOL 1120, CHEM 1110, CHEM 1120; PHYS 2010, PHYS 2020; and Medical Terminology

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

ART EDUCATION

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			
Natural Science ¹		4	4	World Literature I or II <u>OR</u>			
MATH ¹		0	3	ENGL 2210 or 2220			
ARTP 1110	Studio Fundamentals: Two			British Literature I or II <u>OR</u>			
	Dimensional Design	2	0	ENGL 2110 or 2120			
ARTP 1120	Studio Fundamentals: Three			American Literature I or II	0	3	
	Dimensional Design	0	2	HIST 2010, 2020	U.S. History I, II	3	3
ARTP 1010	Drawing I: Survey of Drawing	3	0	EDU 211	Educational Psychology	3	0
Social/Behavioral Science Electives ¹		3	3	ARTP 1130	Painting I: Introduction	3	0
				ARTP 1510	Ceramics I: Handbuilding	0	3
				ARTP 1610	Printmaking I	0	3
				ARTH 2010, 2020	Survey of Art History I, II	3	3
				SPCH 1010	Fundamentals of Speech	3	0
	Total	15	15	Total		15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
ART EDUCATION - BACHELOR OF FINE ARTS DEGREE

Advisor: Prof. Arthur LaBar, Department Chairperson
Fine Arts 264, Phone: (931) 372-3161

Junior Year			Senior Year		
ARED 2020	Art Education Theory	2	Studio Emphasis (from drawing, painting, clay, sculpture) ²	2	
ARED 3155	Elementary Practicum	1	ARED 4871	Residency I	5
ARED 3165	Secondary Practicum	1	ARED 4872	Professional Seminar I	5
ART 2060	35mm Photography	2	ARED 4881	Residency II	10
ART 2070	Digital Art Basics	2	ARED 4882	Professional Seminar II	2
ART 2320	Drawing II	3			
ART 3130, 3150, 3160, 4100, or 4170		6			
ART 3205	Methods and Media	2			
Studio Emphasis (from drawing, painting, clay, sculpture) ²		14			
Electives		3			
	Total	33	Total		24

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

²Studio Emphasis hours can be divided between two media.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

FINE ARTS Clay 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		
Natural Science ¹	4	4	World Literature I or II <u>OR</u>		
MATH ¹	0	3	ENGL 2210 or 2220		
Social/Behavioral Science Elective ¹	0	3	British Literature I or II <u>OR</u>		
ARTP 1110 Studio Fundamentals: Two			ENGL 2110 or 2120		
Dimensional Design	0	2	American Literature I or II	3	0
ARTP 1120 Studio Fundamentals: Three			HIST 2010, 2020 U.S. History I, II	3	3
Dimensional Design	2	0	Humanities/Fine Arts Electives ¹	3	3
ARTP 1010 or 1000	2-3	0	ARTP 1130 Painting I: Introduction	3	0
ARTP 1410 Beginning Graphic Design	3	0	ARTP 1510 Ceramics I: Handbuilding	3	0
			SPCH 1010 Fundamentals of Speech	0	3
			Social/Behavioral Science Elective ¹	0	3
			Electives ²	0	3
Total	14-15	15	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

CLAY - BACHELOR OF FINE ARTS DEGREE

Advisor: Prof. Arthur LaBar, Department Chairperson

Fine Arts 264, Phone: (931) 372-3161

Junior Year	F	SP	Senior Year	F	SP
ART 2120 Art History II	3	3	ART 4510 Senior Thesis in Ceramics		12
ART 2070 Digital Art Basics	2	2	ART Studio Electives (upper-division, not in concentration) ⁴		6
ART 3510 Clay on Wheels	3	3	ART Studio Electives ³		6
ART 3520 or 3521	3	3	ART 2110, 3150, 3160, 4040, 4100 or 4170	3	
ART 3511 Intermediate Handbuilding	3	3	ART 2610, 2710, 2810 or 2910	3	
ART 3130 Twentieth-Century Art	3	3			
ART 3520 Advanced Clay Studio	3	3			
ART 3521 Advanced Clay Studio	3	3			
ART 2110, 3150, 3160, 4040, 4100 or 4170	3	3			
ART 3520, 3521, or 3530	3	3			
ART Studio Electives ³	2	2			
Total	31	31	Total	30	

Majors in BFA concentrations in clay, fibers, glass, metals, painting and wood must have C or above in all art courses applied to fulfill requirements in the major. Art courses must also have the grade of C or above in order to serve as prerequisites for other art courses, and to be counted as completed in the sophomore assessment for recommendation to advance in the concentration.

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

³Art studio electives (8 semester hours) are defined as any art studio course not applied to other requirements. Courses transferred from other institutions will be subject to departmental review.

⁴Art studio electives, upper division outside concentration. Art studio courses more advanced than an introductory course in any studio other than that of the concentration can be used for these electives. Courses transferred from other institutions will be subject to departmental review.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

FINE ARTS Fibers 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		
Natural Science ¹	4	4	World Literature I or II <u>OR</u>		
MATH ¹	0	3	ENGL 2210 or 2220		
Social/Behavioral Science Electives ¹	3	3	British Literature I or II <u>OR</u>		
ARTP 1110 Studio Fundamentals: Two			ENGL 2110 or 2120		
Dimensional Design	0	2	American Literature I or II	3	0
ARTP 1120 Studio Fundamentals: Three			ARTP 1130 Painting I: Introduction	3	0
Dimensional Design	2	0	ARTP 1510 Ceramics I: Handbuilding	3	0
ARTP 1000 or 1010	0	2-3	HIST 2010, 2020 U.S. History I, II	3	3
ARTP 1410 Beginning Graphic Design	3	0	Humanities/Fine Arts Electives ¹	3	3
			SPCH 1010 Fundamentals of Speech	0	3
			Elective ²	0	4
Total	15	17-18	Total	15	13

TENNESSEE TECHNOLOGICAL UNIVERSITY FIBERS - BACHELOR OF FINE ARTS DEGREE

Advisor: Prof. Arthur LaBar, Department Chairperson
Fine Arts 264, Phone: (931) 372-3161

Junior Year		Senior Year	
ART 2120 Art History II	3	ART 3130 Twentieth-Century Art	3
ART 2610 Introduction to Fibers	3	ART 3610, 3611, 3620 or 3621	3
ART 2070 Digital Art Basics	2	ART 4610 Senior Thesis in Fiber	12
ART 3610, 3620 Weaving I, Surface Design I	6	ART Studio Electives (upper-division, not in concentration ⁴)	6
ART 2110, 3150, 3160, 4040, 4100 or 4170	6	ART Studio Electives ³	6
ART 3630 3631 or 4640	3		
ART Studio Electives ³	2		
ART 3611, 3621 Weaving II, Surface Design II	6		
Total	31	Total	30

Majors in BFA concentrations in clay, fibers, glass, metals, painting and wood must have C or above in all art courses applied to fulfill requirements in the major. Art courses must also have the grade of C or above in order to serve as prerequisites for other art courses, and to be counted as completed in the sophomore assessment for recommendation to advance in the concentration.

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

³Art studio electives (8 semester hours) are defined as any art studio course not applied to other requirements. Courses transferred from other institutions will be subject to departmental review.

⁴Art studio electives, upper division outside concentration. Art studio courses more advanced than an introductory course in any studio other than that of the concentration can be used for these electives. Courses transferred from other institutions will be subject to departmental review.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

FINE ARTS Glass 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		
Natural Science ¹	4	4	World Literature I or II <u>OR</u>		
MATH ¹	0	3	ENGL 2210 or 2220		
Social/Behavioral Science Electives ¹	0	3	British Literature I or II <u>OR</u>		
ARTP 1110 Studio Fundamentals: Two			ENGL 2110 or 2120		
	2	0	American Literature I or II	3	0
ARTP 1120 Studio Fundamentals: Three			ARTP 1130 Painting I: Introduction	3	0
	0	2	ARTP 1510 Ceramics I: Handbuilding	3	0
ARTP 1010 Drawing I: Survey of Drawing	3	0	HIST 2010, 2020 U.S. History I, II	3	3
ARTP 1410 Beginning Graphic Design	3	0	Humanities/Fine Arts Electives ¹	3	3
			SPCH 1010 Fundamentals of Speech	0	3
			Social/Behavioral Science Electives ¹	0	3
			Elective ¹	0	3
Total	15	15	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

GLASS - BACHELOR OF FINE ARTS DEGREE

Advisor: Prof. Arthur LaBar, Department Chairperson

Fine Arts 264, Phone: (931) 372-3161

Junior Year		Senior Year	
ART 2120 Art History II	3	ART 3710, 3711 Intermediate Glass Studio	6
ART 2710 Introduction to Glass	3	ART 3720, 3721 Advanced Glass Studio	6
ART 2070 Digital Art Basics	2	ART 4710 Senior Thesis in Glass	12
ART 3130 Twentieth-Century Art	3	ART Studio Electives (upper-division, not in concentration) ³	6
ART 2110 3150, 3160, 4040, 4100 or 4170 (Select two)	6		
ART 3710 or 3711	3		
ART 3730 or 4740	3		
ART Studio Electives ²	8		
Total	31	Total	30

Majors in BFA concentrations in clay, fibers, glass, metals, painting and wood must have C or above in all art courses applied to fulfill requirements in the major. Art courses must also have the grade of C or above in order to serve as prerequisites for other art courses, and to be counted as completed in the sophomore assessment for recommendation to advance in the concentration.

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

²Art studio electives (8 semester hours) are defined as any art studio course not applied to other requirements. Courses transferred from other institutions will be subject to departmental review.

³Art studio electives, upper division outside concentration. Art studio courses more advanced than an introductory course in any studio other than that of the concentration can be used for these electives. Courses transferred from other institutions will be subject to departmental review.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

FINE ARTS Metals 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		
Natural Science ¹	4	4	World Literature I or II <u>OR</u>		
MATH ¹	0	3	ENGL 2210 or 2220		
ARTP 1110 Studio Fundamentals: Two Dimensional Design	0	2	British Literature I or II <u>OR</u> ENGL 2110 or 2120		
ARTP 1120 Studio Fundamentals: Three Dimensional Design	2	0	ARTP 1130 Painting I: Introduction	0	3
ARTP 1000 Studio Fundamentals: Drawing I	0	2	ARTP 1510 Ceramics I: Handbuilding	3	0
ARTP 1410 Beginning Graphic Design	3	0	HIST 2010, 2020 U.S. History I, II	3	3
Electives ²	4	0	Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
			SPCH 1010 Fundamentals of Speech	0	3
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
METALS - BACHELOR OF FINE ARTS DEGREE
Advisor: Prof. Arthur LaBar, Department Chairperson
Fine Arts 264, Phone: (931) 372-3161

Junior Year			Senior Year		
ART 2120 Art History II		3	ART 2110, 3150, 3160, 4040, 4100 or 4170		3
ART 2810 Introduction to Metals		3	ART 3811 or 3821		3
ART 2070 Digital Art Basics		2	ART 3820 Metals Studio--Blacksmithing		3
ART 3810 Metals Studio--Metalsmithing		3	ART 4810 Senior Thesis in Metals		12
ART 3130 Twentieth-Century Art		3	ART Studio Electives (upper-division, not in concentration) ⁴		6
ART 2110, 3150, 3160, 4040, 4100 or 4170		3	ART 3830 or 4840		3
ART 3811, 3821 Metals Studio--Metalsmithing, Metals Studio--Blacksmithing		6			
ART Studio Electives ³		8			
Total		31	Total		29

Majors in BFA concentrations in clay, fibers, glass, metals, painting and wood must have C or above in all art courses applied to fulfill requirements in the major. Art courses must also have the grade of C or above in order to serve as prerequisites for other art courses, and to be counted as completed in the sophomore assessment for recommendation to advance in the concentration.

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

³Art studio electives (8 semester hours) are defined as any art studio course not applied to other requirements. Courses transferred from other institutions will be subject to departmental review.

⁴Art studio electives, upper division outside concentration. Art studio courses more advanced than an introductory course in any studio other than that of the concentration can be used for these electives. Courses transferred from other institutions will be subject to departmental review.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

FINE ARTS Painting Concentration

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020	3	3	ENGL 2310 or 2320		
Natural Science ¹	4	4	World Literature I or II <u>OR</u>		
MATH ¹	0	3	ENGL 2210 or 2220		
ARTP 1110			British Literature I or II <u>OR</u>		
			Dimensional Design	0	2
ARTP 1120			ENGL 2110 or 2120		
			American Literature I or II	0	3
ARTP 1000			ARTP 1130	3	0
			Painting I: Introduction		
			ARTP 1510	3	0
			Ceramics I: Handbuilding		
ARTP 1410	0	2	HIST 2010, 2020	3	3
Elective ²	3	0	U.S. History I, II		
	4	0	Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
			SPCH 1010	0	3
			Fundamentals of Speech		
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

PAINTING - BACHELOR OF FINE ARTS DEGREE

Advisor: Prof. Arthur LaBar, Department Chairperson

Fine Arts 264, Phone: (931) 372-3161

Junior Year	F	SP	Senior Year	F	SP
ART 2120	3	3	ART 2110, 3150, 3160, 4040, 4100 or 4170 (Select two)	6	6
ART 2070	2	2	ART 4410	12	12
ART 3410	3	3	Senior Thesis in Painting		
ART 3420	3	3	ART Studio Electives ³	8	8
ART 3421	3	3	ART Studio Electives (Upper-Division, not in		
ART 2610, 2710, 2810, or 2910	3	3	concentration) ⁴	6	6
ART 3130	3	3			
ART 3310 or 3320 or 4310 or 3421 or 3430	3	3			
ART 3430	3	3			
ART 3431	3	3			
Total	29	29	Total	32	32

Majors in BFA concentrations in clay, fibers, glass, metals, painting and wood must have C or above in all art courses applied to fulfill requirements in the major. Art courses must also have the grade of C or above in order to serve as prerequisites for other art courses, and to be counted as completed in the sophomore assessment for recommendation to advance in the concentration.

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

³Art studio electives (8 semester hours) are defined as any art studio course not applied to other requirements. Courses transferred from other institutions will be subject to departmental review.

⁴Art studio electives, upper division outside concentration. Art studio courses more advanced than an introductory course in any studio other than that of the concentration can be used for these electives. Courses transferred from other institutions will be subject to departmental review.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

FINE ARTS Wood 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		
Natural Science ¹	4	4	World Literature I or II <u>OR</u>		
MATH ¹	0	3	ENGL 2210 or 2220		
ARTP 1110 Studio Fundamentals: Two			British Literature I or II <u>OR</u>		
Dimensional Design	0	2	ENGL 2110 or 2120		
ARTP 1120 Studio Fundamentals: Three			American Literature I or II	0	3
Dimensional Design	2	0	ARTP 1130 Painting I: Introduction	3	0
ARTP 1010 or 1000	2-3	0	ARTP 1510 Ceramics I: Handbuilding	3	0
ARTH 2020 Survey of Art History II	0	3	HIST 2010, 2020 U.S. History I, II	3	3
Electives ²	3	3	Humanities/Fine Arts Electives ¹	3	3
			Social/Behavioral Science Electives ¹	3	3
			SPCH 1010 Fundamentals of Speech	0	3
Total	14-15	15	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

METALS - BACHELOR OF FINE ARTS DEGREE

Advisor: Prof. Arthur LaBar, Department Chairperson

Fine Arts 264, Phone: (931) 372-3161

Junior Year		Senior Year	
ART 2330 Technical Drawing	3	ART 2110, 3150, 3160, 4040, 4100 or 4170	3
ART 2910 Introduction to Woodworking	3	ART 3911 Intermediate Wood Studio	3
ART 2070 Digital Art Basics	2	ART 3920, 3921 Advanced Wood Studio	6
ART 3130 Twentieth-Century Art	3	ART 4910 Senior Thesis in Wood	12
ART 3910 Intermediate Wood Studio	3	ART Studio Electives (upper-division, not in concentration) ⁴	6
ART 2110, 3150, 3160, 4040, 4100 or 4170	3		
ART 3930 or 4940	6		
ART Studio Electives ³	8		
Total	31	Total	30

Majors in BFA concentrations in clay, fibers, glass, metals, painting and wood must have C or above in all art courses applied to fulfill requirements in the major. Art courses must also have the grade of C or above in order to serve as prerequisites for other art courses, and to be counted as completed in the sophomore assessment for recommendation to advance in the concentration.

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

³Art studio electives (8 semester hours) are defined as any art studio course not applied to other requirements. Courses transferred from other institutions will be subject to departmental review.

⁴Art studio electives, upper division outside concentration. Art studio courses more advanced than an introductory course in any studio other than that of the concentration can be used for these electives. Courses transferred from other institutions will be subject to departmental review.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

MUSIC EDUCATION - INSTRUMENTAL (K-12)

ROANE STATE COMMUNITY COLLEGE

A.S. GENERAL STUDIES

Freshman Year	F	SP	Sophomore Year	F	SP
EDU 211 Educational Psychology	0	3	ENGL 2310 or 2320		
ENGL 1010, 1020 Composition I, II	3	3	World Literature I or II <u>OR</u>		
MUS 101 Voice Class I	1	0	ENGL 2210 or 2220		
MUS 110 Music Theory I	3	0	British Literature I or II <u>OR</u>		
MUS 111 Ear Training I	1	0	ENGL 2110 or 2120		
MATH ¹	3	0	American Literature I or II	3	0
MUS Applied Instru. to Major Areas	1	1	HIST 2010, 2020 U.S. History I, II	3	3
MUS Ensemble	1	1	MUS 220 Music Theory IV	0	3
SPCH 1010 Fundamentals of Speech	0	3	MUS Ensemble	1	1
Social/Behavioral Science Electives ¹	3	3	MUS Applied Instr. to Major Fields	1	1
			Natural Science Electives ¹	4	4
			Humanities/Fine Arts Elective ¹	0	3
			MUS 1030 Music Appreciation	3	0
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

MUSIC EDUCATION: INSTRUMENTAL MUSIC (K-12) - BACHELOR OF MUSIC DEGREE

Advisor: Prof. Arthur LaBar, Department Chairperson

Fine Arts 264, Phone: (931) 372-3161

Junior Year	Senior Year
EDPY 3300 Evaluation and Guidance	3 MUED 3735 String Pedagogy and Literature I (String majors only)
MUED 1820 Introduction to Music Education	1
MUED 3110 Materials & Meth in Music K-6	3 MUED 4870, 4880, 4890
MUED 3130 Materials and Methods in Instrumental Music, Grades 7-12	3 MUS 1071 Percussion Class I
MUED 3230 or 3735	2 MUS 3010, 3020 Music History I, II
MUED 3620 Fundamentals of Conducting	1 MUS 4000 Senior Recital
MUED 3630 Instrumental Conducting	2 SPED 3000 Tchg. Pers. w/Dis. Reg. Clsrm
MUED 3810 Practicum in Music Ed I	1 Major Ensemble
MUED 3830 Practicum in Music Ed II, Instrumental	1 Applied Music
MUS 1023, 1024 Intermediate Class Piano for Music Majors III, IV	2 Electives (One credit for string majors)
MUS 1140 Harmony II	3
MUS 1150 Aural Techniques II	1
MUS 2110 Harmony III	2
MUS 2120 Aural Techniques III	1
MUS 2140 Aural Techniques IV	1
MUS 3130 Form and Analysis	2
MUS 3210 Instrumentation	2
MUS 4510 Computer Applications in Music	2
Applied Music	2
Major Ensemble	2
Instrument Classes	5
Total	40
	Total 29

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

Must submit evidence of current First Aid/CPR training.

See 2011-12 TTU Undergraduate Catalog for junior and senior footnotes.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

MUSIC EDUCATION - VOCAL/GENERAL MUSIC EDUCATION (K-12)

ROANE STATE COMMUNITY COLLEGE

A.S. - MUSIC EDUCATION

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020	3	3	ENGL 2310 or 2320		
MATH ¹	3	0	World Literature I or II <u>OR</u>		
MUS 105	1	0	ENGL 2210 or 2220		
MUS 110	3	0	British Literature I or II <u>OR</u>		
MUS 111	1	0	ENGL 2110 or 2120		
MUS 1030	0	3	American Literature I or II	0	3
MUS	1	1	HIST 2010, 2020	3	3
MUS	1	1	MUS 220	0	3
SPCH 1010	0	3	MUS	1	1
Social/Behavioral Science Elective ¹	3	0	MUS	1	1
Humanities/Fine Arts Elective ¹	0	3	Natural Science Electives ¹	4	4
			Social/Behavioral Science Elective ¹	3	0
			EDU 211	3	0
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

MUSIC: VOCAL/GENERAL MUSIC EDUCATION K-12 - BACHELOR OF MUSIC DEGREE

Advisor: Prof. Arthur LaBar, Department Chairperson

Fine Arts 264, Phone: (931) 372-3161

Junior Year		Senior Year		
EDPY 3300	Evaluation and Guidance	3	SPED 3000	Tchg. Pers. w/Dis. Reg. Clsrm. 3
MUED 1820	Intro to Music Education (Fall only)	1	MUED 4870, 4880, 4890	
MUED 3110	Materials and Methods in Music K-6	3	Student Teaching	12
MUED 3140	Materials & Methods in Vocal Music, Grades 7-12	3	MUS 3010, 3020	Music History I, II 6
MUED 3620	Fundamentals of Conducting	1	MUS 3240	Choral Literature 2
MUED 3640	Choral Conducting and Lit.	2	MUS 4000	Senior Recital 1
MUED 3810	Practicum in Music Ed I (Fall only)	1	Applied Music	1
MUED 3840	Practicum in Music Ed II, Vocal	1	Major Ensemble	1
MUS 1023, 1024	Intermediate Class Piano for Music Majors III, IV (Voice majors)	2	MUS 3800	Vocal Pedagogy and Literature I 2
MUS 1140, 1150	Harmony II, Aural Techniques II	4	Electives	7
MUS 1210, 1220	Diction for Singers I, II	2		
MUS 2110, 2120	Harmony III, Aural Techniques III	3		
MUS 2140	Aural Techniques IV	1		
MUS 3130	Form and Analysis	2		
MUS 4510	Computer Applications in Music	2		
Applied Music		2		
Major Ensemble		2		
Total		32	Total	35

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

Must submit evidence of current First Aid/CPR training.

Students must complete 60 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 1110 Survey of Engineering	1	0	ENGL 2210 or 2220 British Literature I or II <u>OR</u>		
ENGR 1120 Computer Aided Engineering	0	3	ENGL 2110 or 2120 American Literature	0	3
MATH 1910, 1920 Calculus I, II	4	4	MATH 2120 Differential Equations	0	3
SPCH 1010 Fundamentals of Speech	3	0	MATH 2110 Calculus III	4	0
Social/Behavioral Science Electives ¹	3	3	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	17	Total	18	20

TENNESSEE TECHNOLOGICAL UNIVERSITY CHEMICAL ENGINEERING - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Pedro Arce, Department Chairperson

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

(Recommend the advisor be contacted prior to transfer.)

Junior Year ³	Senior Year
CHE 1510 Computer Applications in CHE	CHE 4131 Transfer Science III
CHE 2011 Chem & Biol Engineering Proc Analysis ⁴	CHE 4240 CHE Capstone Laboratory
CHE 3010 Thermodynamics of Chem Processes	CHE 4210 Chemical Reaction Engineering
CHE 3021 Separations & Sol Thermodynamics	CHE 4540 Process Dynamics & Controls
CHE 3111 Transfer Science I	CHE 4410 Process Design I
CHE 3121 Transfer Science II: Fluid Mechanics	CHE 4420 Process Design II
CHE 3730 CHE Operations	ChE Technical Electives ⁵
CEE 2110, ECE 3810, or BIOL 3200	CHE 4910 Professionalism and Ethics in CHE
Technical Electives ⁴	CHEM 3510, 3520 Physical Chemistry
Total	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 2110, BIOL 3200 and ECE 3810 cannot count both as a Technical Elective and as part of the CEE 2110/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 4950 – MEMS
- 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 60 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 2030 or 2180	3	0
MATH 1910, 1920 Calculus I, II	4	4	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
CHEM 1110 General Chemistry I	4	0	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
Social/Behavioral Science Elective ¹	0	3	SPCH 1010 Fundamentals of Speech	3	0
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>			MATH 2120 Differential Equations	0	3
HIST 2010 or 2020 or 2030 ²	3	3	MATH 2110 Calculus III	4	0
			Humanities/Fine Arts Elective ¹	3	0
			Social/Behavioral Science Elective ¹	0	3
Total	17	13	Total	17	13

TENNESSEE TECHNOLOGICAL UNIVERSITY

ELECTRICAL AND COMPUTER ENGINEERING - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. P.K. Rajan, Interim Department Chairperson

Brown Hall 217, Phone: (931) 372-3397

(Recommend the advisor be contacted prior to transfer.)

Third Year		Fourth Year		
CSC 2100, 2101	Intro to Prob Solving & Computer Prog, Lab	4	ECE 3010	Signals & Systems 3
CSC 2500	Unix Laboratory	1	ECE 3060	EE Lab II 1
ECE 2010	Electric Circuits I	3	ECE 3300	Electronics I 3
ECE 2011	EE Lab I	1	ECE 3160	Digital Systems Lab 1
ECE 2020	Electric Circuits II	3	ECE 3910	Probability & Random Variables in ECE 3
ECE 2110	Intro to Digital Systems	3	ECE 3120	Microcomputer Systems 3
ECE 3020	Discrete-Time Signals and Systems	3	ECE 4910	Professional Issues IN ECE 1
MATH 2010, 2011	Elementary Matrix Algebra, Lab	3	CSC 2400	Design of Algorithms 3
MATH elective ³		3	CSC 3030	Practical and Professional Issues in Computer Science 1
Total		24	CSC 4200	Computer Networks 3
			Total	22
Fifth Year				
ECE 4961, 4970	Capstone Design I, II	5		
ECE 4110	Sequential Logic Design	3		
ECE 4120	Fundamentals of Computer Design	3		
ECE 4140	Embedded System Design	3		
ECE Lab elective ³		1		
ECE elective ³		3		
Comp Engr elective ³		3		
CSC 4100	Operating Systems	3		
CSC elective ³		3		
Total		27		

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 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 60 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
CISP 2750 Unix/Linux Operating Systems	3	0	ENGL 2310 or 2320 World Literature I or II <u>OR</u>		
ENGL 1010, 1020 Composition I, II	3	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 I or II	0	3
Science Sequence ²	4	4	HIST 2010, 2020 U.S. History I, II	3	3
Social/Behavioral Science Electives ¹	3	3	MATH 2010 Matrix Algebra	3	0
			SPCH 1010 Fundamentals of Speech	3	0
			Humanities/Fine Arts Electives ¹	3	3
			Second Science Sequence ²	4	4
Total	17	14	Total	16	13

TENNESSEE TECHNOLOGICAL UNIVERSITY

COMPUTER SCIENCE: SOFTWARE AND SCIENTIFIC APPLICATIONS - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Doug Talbert, Department Chairperson

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

Junior Year	Senior Year
CSC 1610 Discrete Structures for CSC	CSC 4100 Operating Systems
CSC 2100 Intro to Problem Solving and Computer Programming	CSC 4300 Database Management Systems
CSC 2101 Problem Solving/Computer Programming	CSC 4320 Computer Architecture
Lav	CSC 4610 Software Engineering I
CSC 2110 Data Structures and Algorithms	CSC 4620 Software Engineering II
CSC 2111 Data Structures and Algorithms Lab	CSC (Advanced core) ⁵
CSC 2120 Object-oriented Programming & Design	CSC Upper-Division Elective ⁴
CSC 2121 Object-oriented Programming & Design Lab	Upper-Division Electives ³
CSC 2400 Design of Algorithms	Electives
CSC 2710 Foundations of Computer Science	
CSC 3030 Practical and Prof Issues in CSC	
CSC 3410 Comp. Organ. & Assem. Lang. Prog.	
MATH 3470 Intro. Probability & Statistics	
Total	Total

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

²Science sequence, choose from: BIOL 1110-1120; CHEM 1110-1120; or PHYS 2110-2120.

³A minimum of 36 upper-division hours for graduation.

⁴Take any additional 3000-or 4000-level CSC course.

⁵Select from one of the following: CSC 4010, 4240, 4400, and 4450.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

COMPUTER SCIENCE

9/22/11

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	3	0	CISP 2750 Unix/Linux Operating Sys	3	0
ENGL 1010, 1020 Composition I, II	3	3	CISP 2030 or 2180	0	3
MATH 1910 Calculus I	0	4	ENGL 2310 or 2320 World Literature I or II OR		
Natural Science Sequence	4	4	ENGL 2210 or 2220 British Literature I or II OR		
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
			SPCH 1010 Fundamentals of Speech	3	0
			Humanities/Fine Arts Electives ¹	3	3
Total	16	13-14	Electives	3	3
			Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

COMPUTER SCIENCE OPTION: INFORMATION TECHNOLOGY - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Doug Talbert, Department Chairperson

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

Junior Year	F	SP	Senior Year	F	SP
CSC 1610 Discrete Structures for CSC	3		BMGT 3510 Management & Organization Behavior	3	
CSC 2100 Intro to Problem Solving and Computer Programming	3		CSC 4300 Database Management Systems	3	
CSC 2101 Problem Solving and Computer Programming Lab	1		CSC 4575 Information Assurance and Security	3	
CSC 2560 Networks for Information Technologists	3		CSC 4710 Design and Development of Human and Web Interfaces	3	
CSC 3030 Practical and Prof Issues in CSC	1		CSC 4990 CSC Internship	6	
CSC 3100 Web Programming	3		DS 4250 Business Data Communications	3	
CSC 3550 Systems Programming	3		PC 3250 Prof Comm I	3	
CSC 3560 Network and Storage Technologies	3		Electives	7	
DS 3841 Management Info Systems	3				
MATH 3070 Statistical Methods I	3				
MATH 3080 Statistical Methods II	3				
Total	29		Total	31	

¹Must be selected from the General Education requirements on page 40 of the RSCC catalog and the TTU Course Equivalency table <http://www.tntech.edu/transfers/transfertablesagreements/>.

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/transfertablesagreements/>.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

INDUSTRIAL TECHNOLOGY

ROANE STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
CHEM 1010 Intro to Chemistry I	4	0	Humanities/Fine Arts Electives ¹	3	3
ENGL 1010, 1020 Composition I, II	3	3	ECON 2020 Principles of Economics II	0	3
ENGR 1610 Engineering Graphics	2	0	ENGL 2310 or 2320 World Literature I or II OR		
ENGR 1120 Computer Aided Engineering	0	3	ENGL 2210 or 2220 British Literature I or II OR		
MATH 1730 Pre-Calculus	4	0	ENGL 2110 or 2120 American Literature I or II	0	3
MATH 1910 Calculus I	0	4	HIST 2010, 2020 U.S. History I, II	3	3
SPCH 1010 Fundamentals of Speech	0	3	PHYS 2010, 2020 or PHYS 2110, 2120	4	4
ENGR 1110 Survey of Engineering	1	0	PSYC 1030 General Psychology	3	0
INFS 1010 or ECON 2010 ²	0	3	Elective ³	1	0
Total	14	16	Total	14	16

TENNESSEE TECHNOLOGICAL UNIVERSITY INDUSTRIAL TECHNOLOGY - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Ahmed ElSawy, Department Chairperson

Lewis Hall 107, Phone: (931) 372-3263

(Recommend the advisor be contacted prior to transfer.)

Junior Year		Senior Year		
MIT 1110 Intro to Manufacturing Technology	3	ACCT 3720 Survey of Accounting		3
MIT 2000 Occupational Safety	2	ECON 3610 Business Statistics I		3
MIT 2063 Metal Manufacturing Technology	3	MIT 3060 CNC Machining Practices		3
MIT 2400 Statics and Strength of Materials	3	MIT 3403 Machine Elements for Technologists		3
MIT 3130 Maintenance Technology I	3	MIT 4200 Industrial Electronics		3
MIT 3200 Applied Electricity & Electronics	3	MIT 4310 Plant Layout & Materials Handling		3
MIT 3301 CAD for Technology	2	MIT 4610 Engineering Technology Seminar		1
MIT 3700 Manufacturing Cost Estimating	2	MIT 4620 Industrial Projects		3
MIT 3710 Methods Design	2	Technical Electives ⁴		6
MIT 3730 Quality Assurance	2	DS 3520 Operations Management		3
ME 3110 Physical Metallurgy & Heat Treatment	3			
BMGT 3510 Management & Organization Behavior	3			
Total	31	Total		31

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

²Business Elective

³Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

⁴Technical Electives: MIT 3010, 3080, 3460, 3560, 4010, 4060, 4070, 4140, 4210, 4300, 4400, 4430, 4450, 4500, 4990; ECE 3835 & ME 4430.

In order to transfer directly into the Industrial Technology Department, a student must have at least a 2.0 GPA according to the TTU Transfer Evaluations. Exceptions will be made only by the Industrial Technology Departmental Chairperson.

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

SCHOOL OF INTERDISCIPLINARY STUDIES AND EXTENDED EDUCATION

INTERDISCIPLINARY STUDIES (B.S.) (LIST)

Organizational Development: Psychology and Human Behavior

ROANE STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
Natural Science ¹	4	4	ENGL Literature ¹	3	0
SPCH 1010 Fundamentals of Speech	3	0	HIST 2010, 2020 Survey of U.S. History I, II	3	3
ENGL 1010, 1020 Composition I, II	3	3	Humanities/Fine Arts Electives ¹	3	3
MATH ¹	0	3	Electives ²	6	9
PSYC 1030 General Psychology	3	0			
SOCI 1010 Introduction to Sociology	0	3			
Electives ²	2	2			
Total	15	15	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Tammy Boles, Jere Whitson 131B, Phone (931) 372-6238

Junior Year	F	SP	Senior Year	F	SP
BMGT 3510 Management & Organization Behavior	3	0	BMGT 3630 Human Resource Management	3	0
PSY 3000 Problem Solving	3	0	FOED 3310 Micros in Employment/Ed	2	0
PSY 3000-4000 Elective	3	0	FOED 4340 Technology for Presentations	3	0
PSY 3400 Industrial Psychology	3	0	LAW 3810 Business Legal Environment & Ethics	3	0
PSY 3410 Group Dynamics	3	0	LIST 4850 Topics in Org Development	3	0
PSY 4150 Psychology of Personality	3	0	MIT 3710 Methods Design and Work	2	0
PSY 4923 Special Topics: Multi-Culti Issues	3	0	Measurement	2	0
SOC 3300 Occupational Sociology	3	0	MIT 3730 Quality Assurance	2	0
SOC 4430 People in Organizations	3	0	MIT 4010 Industrial Communications	3	0
			MIT 3000-4000 Upper Division	2-3	0
			SPAN 3550 Latin America: The Countries and the Peoples	3	0
			UNIV 4114 Internship/Practicum	4	0
			UNIV 4996 or 4995	4-3	0
Total	27	0	Total	33-34	0

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

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

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 **60 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.

SCHOOL OF INTERDISCIPLINARY STUDIES AND EXTENDED EDUCATION

INTERDISCIPLINARY STUDIES (B.S.) (LIST)

ROANE STATE COMMUNITY COLLEGE

A.A.S. GENERAL TECHNOLOGY

Freshman Year	F	SP	Sophomore Year	F	SP
Natural Science ¹	4	4	INFS 1010 Computer Applications	3	0
SPCH 1010 Fundamentals of Speech	3	0	ENGL Literature ¹	3	0
ENGL 1010, 1020 Composition I, II	3	3	Humanities/Fine Arts Elective ¹	0	3
MATH 1130 College Algebra	0	3	Electives ²	10	12
Social/Behavioral Science Electives ¹	0	3			
Electives ²	6	0			
Total	16	13	Total	16	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Tammy Boles, Jere Whitson 131B, Phone (931) 372-6238

Junior Year	F	SP	Senior Year	F	SP
Humanities/Fine Arts Elective	3	0	Concentration Area #2 ^{3,4}	12	0
Social/Behavioral Science Elective	3	0	Electives	15	0
HIST 2010, 2020 American History I, II	6	0	UNIV 4995 ⁵ Culminating Project	3	0
Concentration Area #1 ^{3,4}	12	0			
Electives ⁶	6	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 <http://www.tntech.edu/transfers/transfertablesagreements/>.

²Elective courses must be selected from the RSCC/TTU Transfer Course Equivalency table <http://www.tntech.edu/transfers/home/>

³Concentration area courses must be upper division (3000, 4000).

⁴Concentration area #1 must be different from concentration area #2.

⁵UNIV 4996 (4 hours) may be substituted for UNIV 4995 (3 hours) in order to meet graduation hour requirements.

⁶Eighteen hours of the elective hours must be upper division (3000, 4000).

A total of 12 hours out of the 120 hours must be at 4000 level.

No more than 24 hours in business courses can be used toward graduation.

Students must complete at least 60 hours at the university (4-year) level and at least 30 hours from TTU.

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 **60 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.

2011-12

ARMY ROTC**RESERVE OFFICERS' TRAINING CORPS****OBJECTIVE**

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

ENROLLMENT REQUIREMENTS

The general requirements for enrollment in ROTC are:

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

TWO-YEAR ROTC PROGRAMS

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

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

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

FINANCIAL AID

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

COMMISSIONING REQUIREMENTS

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

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