

TRANSFER AGREEMENT

2017-18

Volunteer State Community College

Tennessee Technological University

Use this as a guide to make your way through Volunteer 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 Volunteer 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 Volunteer State.
3. Students entering Volunteer State must meet all the standards and follow the procedures of the current Volunteer 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 Volunteer 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 Volunteer State and a minimum 2.0 grade point average.

Students not completing an associate degree will have their applications evaluated as any other transfer student. In selected majors, a higher grade point average is required for admission. Check the curricular requirements for the major of your choice for additional information.

Application

1. Apply online at www.tntech.edu/admissions/apply. Application priority deadlines for desired terms: [Fall = Aug. 1, Spring = Dec. 1, Summer = May 1]
2. Pay the \$25 application fee (if you've never paid it before). You can pay at the end of the application or online at www.tntech.edu/payapplicationfee. If you are applying for Summer Term 2018 or later, you will log back into your application to pay the fee.
3. Request ALL official transcripts be sent to TTU Admissions as soon as possible (including terms in progress). Make sure that you have final grades sent, as well, once they are posted. Please send to the mailing address listed below.
4. The grade point average (GPA) used for Admissions purposes will include grades earned at all previous institutions.
5. Students who have NOT earned 24 hours of transferrable work should also submit a high school transcript or GED scores (along with ACT and/or SAT scores). Students who have not successfully completed college-level Math or English courses must follow ACCUPLACER testing guidelines.

6. Applicants will be notified of their admissions status after all credentials have been received and evaluated. Tentative admission may be granted on the basis of partial transcripts if the quality of work is clearly acceptable. Final admission is granted only after all official transcripts and credentials are received. Admission decisions will be mailed to the address provided by the student. You may also check your application status by logging back into your application.
7. Once accepted, your transcript evaluation will be able to be viewed. Only the credit, and not the grade, will transfer for academic and graduation purposes. Check out www.tntech.edu/transfer for your next steps (setting up student email, applying for housing, proper health forms, advisement, orientation, etc.)
8. All non-commuting, single freshmen must live in university housing. Please visit www.tntech.edu/reslife (or call 931-372-3414) for more information.

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

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

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

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

Expenses

For the current 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 for the next academic year.

Undergraduate Colleges and Departments

College of Agriculture and Human Ecology

School of Agriculture
School of Human Ecology

College of Arts and Sciences

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

College of Business

Accounting
Decision Sciences and Management
Economics, Finance and Marketing

College of Education

Counseling and Psychology
Curriculum and Instruction
Exercise Science, Physical Education & Wellness

College of Engineering

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

College of Fine Arts

Art, Craft, and Design
Music

College of Interdisciplinary Studies

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

Whitson-Hester School of Nursing

Questions? Contact

Academic Records	Registrar, Jere Whitson 221	372-3317
Admissions	Admissions Office, Jere Whitson 208	372-3888
Athletics	Athletics, Hooper Eblen 300	372-3940
Auto Registration	Safety & Security	372-3234
Bills	Business Office, Derryberry Hall 100	372-3311
Books and Supplies	University Store, University Center G-7	372-3131
College of		
Agriculture and Human Ecology	Dean's Office, Oakley Hall 102	372-3149
Arts and Sciences	Dean's Office, Henderson Hall 202	372-3118
Student Success Center	Henderson Hall 202	372-3610
Business	Dean's Office, Johnson Hall 101	372-3372
Student Success Center	Johnson Hall 107	372-3371
Education	Dean's Office, T. J. Farr 100	372-3124
Student Success Center	T.J. Farr Building 202	372-6036
Engineering	Dean's Office, Clement Hall 201	372-3172
Interdisciplinary Studies	Dean's Office, Southwest Hall 146	372-3394
School of Nursing	Academic Advisors, Nursing and Health Services	372-3229
Counseling	Counseling Center, University Center 307	372-3331
Financial Aid	Financial Aid Office, Jere Whitson 302	372-3073
Fraternities	Student Organizations Office, University Center 234	372-3236
Housing	Office of Residential Life, MS Cooper 217	372-3414
Religious Opportunity	Student Organizations Office, University Center 234	372-3236
Student Government	Student Organizations Office, University Center 234	372-3236
Student Organizations	Student Organizations Office, University Center 234	372-3236
Office of Teacher Education	College of Education, TJ Farr 103	372-3170
Veteran Certification	Military and Veterans Affairs, Jere Whitson 324	372-3503

(Alphabetized by Major)

Banking (VSCC), Finance (TTU)..... 12
Business and Information Technology 8
Chemical Engineering 15
Child Development and Family Relations (Non-Licensure) 3
Computer Engineering..... 16
Environmental and Sustainability Studies 16-19
Finance..... 11
Food Systems Administration (Human Ecology Concentration)..... 4
General Management 7
Housing and Design (Human Ecology Concentration)..... 5
Human Resource Management..... 9
Interdisciplinary Studies..... 20-21
Marketing..... 12
Merchandising and Design (Human Ecology Concentration)..... 6
Production/Operations Management..... 10
ROTC 22

(Alphabetized by College)

College of Agriculture and Human Ecology	
School of Human Ecology	
Child and Family Studies (Non-Licensure)	3
Food Systems Administration Concentration	4
Housing and Design Concentration	5
Merchandising and Design Concentration	6
College of Business	
Department of Decision Sciences and Management	
Business and Information Technology	8
General Management	7
Human Resource Management	9
Production/Operations Management	10
Department of Economics, Finance, and Marketing	
Finance	11
Marketing	12
College of Education	
Admission to Teacher Education	13
College of Engineering	
Department of Chemical Engineering	15
Department of Electrical and Computer Engineering	16
College of Interdisciplinary Studies	16
School of Environmental Studies	16
School of Interdisciplinary Studies	20
ROTC	22

SCHOOL OF HUMAN ECOLOGY

CHILD DEVELOPMENT AND FAMILY RELATIONS

(Leading to the Bachelor of Science Degree, Non-Licensure)

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year

ENGL 1010, 1020	English Composition I, II	6
ECED 1310	Introduction to Early Childhood Ed	3
ECED 2315	Early Childhood Curriculum	3
ECED 2310	Safe, Healthy, Learning Environments	3
ART or MUS 1030	Art or Music Appreciation	3
BIOL 1030	Essentials of Biology	4
MATH		3
ECED 2330, 2390, 2312, 2386 or HIST 2010		2-3
SOCI 1010	Introduction to Sociology	3

Total 31

Sophomore Year

ECED 2320	Infant, Toddler, Child Development	3
ECED 2340	Family Dynamics & Comm. Involvement	3
ECED 2360	Developmental of Exceptional Children	3
ECED 2070	Development Assessment	3
ECED 2080	Language & Literacy in ECED	3
ECED 2085	Math & Science in ECED	3
ECED 2130	Initial Practicum	3
ECED 2160	Final Practicum	3
INFS 1010	Computer Applications	3
SPCH 1010	Fund of Speech Communication	3
	Total	30

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Melinda Anderson, Human Ecology
Oakley Hall Room 105 - Phone: (931) 372-3157

Transition Semester-TTU

HIST 2010 or 2020	Early or Modern US History	3
	Humanities/Fine Arts Elective	3
HEC 1005	Intro to Human Ecology	1
PSY 1030	Intro to Psychology	3
	Total	10

Junior Year

ENGL 2130, 2235, or 2330		3
HIST 2010 or 2020	American History I or II	3
Natural Science		4
ECSP 3001	Curriculum for Infants, Toddlers & Preschoolers	3
ECSP 3211	Practicum: Procedures for Infants, Toddlers and Preschoolers	1
HEC 1020	Social and Professional Etiquette	1
HEC 1030	Intro to Nutrition	2
HEC 2065	Families in Society	3
HEC 2510	Creative Play	3
HEC 3500	Development: Middle Childhood/Adolescence	3
HEC Core		3
AGHE 1020	Connections to Agriculture and Human Ecology	1
	Total	30

Senior Year

HEC 3011	Consumer Economics	3
HEC 3066	Family Violence across the Lifespan	3
HEC 3290	Nutrition through the Life Cycle	3
HEC 3520	Parent Ed & Child Guidance	2
HEC 3565	End of Life Application for Children and Families	3
HEC 3660	Interpersonal Relationships	3
HEC 3700	Development: Young Adulthood/Aging	3
HEC 4005	Senior Seminar in HEC	2
HEC 4065	Social Policy for Children and Families	3
HEC 4600	Theories in Family Development and Relationships	3
HEC 4610	Families: Normative/Catastrophic Issues	3
HEC 4630	Family Life Education	3
HEC 4990	Internship in Child Development	6
ECSP 4300	Assessment of Young Children	3
	Total	33

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

HEC Core

HEC 1010	Life Span Development	3
HEC 2031	Aspects of Dress	3
HEC 2041	Aspects of Housing and Furnishings	3

HUMAN ECOLOGY**FOOD SYSTEMS ADMINISTRATION**

(Leading to the Bachelor of Science Degree)

VOLUNTEER STATE COMMUNITY COLLEGE**Freshman Year**

BIOL 1010	Intro to Biology I	4
CHEM 1110, 1120	General Chemistry I, II	8
ENGL 1010, 1020	English Composition I, II	6
MATH 1130, 1530		6
SOCI 1010	Intro to Sociology	3
Electives		2

Total		29
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Sophomore Year

ACCT 1010	Principles of Accounting I	3
BIOL 2230	Microbiology	4
ECON 2020	Microeconomics	3
SPCH 103 or 1010		3
ENGL Literature		3
HIST 2010, 2020	Survey of American History	6
PSYC 1030	General Psychology	3
Humanities/Fine Arts Electives		6

Total		31
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Junior Year

HEC 1005	Intro to Human Ecology	1
HEC 1010	Life Span Development	3
HEC 1020	Social and Professional Etiquette	1
HEC 2020	Nutrition for Health Science	3
HEC 2065	Families in Society	3
HEC 2240	Food Preparation & Management	4
HEC 3011	Consumer Economics	3
HEC 3240	Quantity Food Production	4
HEC 3270	Nutrition in Disease	3
HEC 3290	Nutrition through the Life Cycle	3
UNIV 1020	Connections to Agriculture and Human Ecology	1
Electives		3

Total		32
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Senior Year

BMGT 3510	Management & Organization Behavior	3
BMGT 3630	Human Resource Management	3
HEC 2031 or 2041		3
HEC 4005	Senior Seminar in HEC	2
HEC 4242	Food Systems Administration	3
HEC 4254 or 4995		6
HEC 4940	Nutrition, Fitness and Wellness	2
MKT 3310 or 3400		3
Electives (Upper-Division 3 hours)		3

Total		28
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Students must complete 50 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

HOUSING AND DESIGN**VOLUNTEER STATE COMMUNITY COLLEGE****Freshman Year**

BIOL 1010	Introduction to Biology I	4
CHEM 1110, 1120	General Chemistry I, II	8
ENGL 1010, 1020	English Composition I, II	6
MATH 1130	College Algebra	3
MATH 1010 or 1530		3
SOCI 1010	Intro to Sociology	3
ART 1030	Introduction to Art	3

Total 30

Sophomore Year

INFS 1010	Computer Applications	3
SPCH 103 or 1010		3
ECON 2010, 2020	Macroeconomics, Microeconomics	6
ENGL Literature		3
HED 220	Principles of Nutrition	3
HIST 2010, 2020	Survey of American History	6
PSYC 1030	General Psychology	3
Humanities/Fine Arts Elective		3

Total 30

TENNESSEE TECHNOLOGICAL UNIVERSITY

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Oakley Hall Room 105 - Phone: (931) 372-3157

Junior Year

HEC 1005	Intro to Human Ecology	1
HEC 2031 or 2041		3
HEC 2065	Families in Society	3
HEC 2320	Analysis of Apparel and Furnishings	3
HEC 2411	Practicum: Housing & Design	1
HEC 2421	Architectural Graphics & Presentation Techniques	3
HEC 2431	Residential Design I	3
HEC 2440	Computer Aided Design of Residence	3
HEC 2460	Interior Architecture Codes and Standards	2
HEC 3011	Consumer Economics	3
HEC 3310	Textiles I	3
HEC 3320	Textiles II	3
HEC 3350	Merchandising I	3
UNIV 1020	Connections to Agriculture and Human Ecology	1

Total 35

Senior Year

BIOL 3230	Health Sciences Microbiology	4
HEC 3431	Residential Design II	3
HEC 4005	Senior Seminar in HEC	2
HEC 4450	Commercial Design	3
HEC 4460	Historical and Contemporary Architecture and Furnishings	3
FIN 3410	Principles of Real Estate	3
MKT 3400	Principles of Marketing	3
HEC Upper-Division Elective		6
HEC Core		3

Total 30

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

HEC Core

HEC 1010	Life Span Development	3
HEC 1020	Social and Professional Etiquette	1
HEC 2031	Aspects of Dress	3

MERCHANDISING AND DESIGN**VOLUNTEER STATE COMMUNITY COLLEGE****Freshman Year**

CHEM 1110, 1120	General Chemistry I, II	8
ENGL 1010, 1020	English Composition I, II	6
MATH 1010	Math for Liberal Arts	3
MATH 1530	Elementary Statistics	3
SOCI 1010	Intro to Sociology	3
Humanities/Fine Arts Electives		6
Elective ¹		2

Total 32

Sophomore Year

SPCH 103 or 1010		3
ECON 2010, 2020	Macroeconomics, Microeconomics	6
ENGL Literature		3
HED 220	Principles of Nutrition	3
HIST 2010, 2020	Survey of American History	6
PSYC 1030	General Psychology	3

Total 24

TENNESSEE TECHNOLOGICAL UNIVERSITY

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Oakley Hall Room 105 - Phone: (931) 372-3157

Junior Year

ACCT 3720	Survey of Accounting	3
HEC 1005	Intro to Human Ecology	1
HEC 1300	Clothing Construction	3
HEC 2031	Aspects of Dress	3
HEC 2065	Families in Society	3
HEC 2300, 3300, 4300 or 4301		6
HEC 2311	Practicum: Merchandising & Design	1
HEC 2320	Analysis of Apparel and Furnishings	3
HEC 3305	Fashion Forecasting	2
HEC 3350	Merchandising I	3
HEC Core		3
MKT 3400	Principles of Marketing	3
AGHE 1020	Connections to Agriculture and Human Ecology	1

Total 32

Senior Year

HEC 3011	Consumer Economics	3
HEC 3310	Textiles I	3
HEC 3320	Textiles II	3
HEC 4005	Senior Seminar in HEC	2
HEC 4320	Merchandise Promotion & Advertising	3
HEC 4340	History of Dress	3
HEC 4360	Merchandising II	3
HEC 4990	Internship	6
HEC Elective		3
Upper Division Business Elective		3

Total 32

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

HEC Core

HEC 1010	Life Span Development	3
HEC 1020	Social and Professional Etiquette	1

COLLEGE OF BUSINESS

DEPARTMENT OF DECISION SCIENCES AND MANAGEMENT

BUSINESS MANAGEMENT - GENERAL MANAGEMENT

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year		F	SP	Sophomore Year		F	SP
INFS 1010	Computer Applications	0	3	ACCT 1010, 1020	Principles of Accounting I, II	3	3
SPCH 1010 or 103	Fund. of Speech Communication Public Speaking	3	0	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
ENGL 1010, 1020	English Composition I, II	3	3	ENGL Literature		3	0
MATH 1130, 1830	College Algebra; Intuitive Calc.	3	3	HIST 2010, 2020	Survey of American History I, II	3	3
Natural Science ¹		4	4	Elective ²		0	3
Electives ²		1	3	Humanities/Fine Arts Electives ³		3	3
Total		14	16	Total		15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

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

¹ Natural science, choose from: BIOL 1010-1020, BIOL 1110-1120, CHEM 1110-1120, PHYS 2010-2020, or GEOL 1040-1050.

² Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/admissions/transfer/apply/credits/

³ Fine arts electives, choose one from: ART 1030, MUS 1030, PHIL 1030 or THEA 1030.

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

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

DEPARTMENT OF DECISION SCIENCES AND MANAGEMENT

BUSINESS MANAGEMENT - BUSINESS AND INFORMATION TECHNOLOGY

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	0	3	ACCT 1010, 1020 Principles of Accounting I, II	3	3
SPCH 1010 or 103 Fund. of Speech Communication			ECON 2010, 2020 Macroeconomics, Microeconomics	3	3
ENGL 1010, 1020 English Composition I, II	3	0	ENGL Literature	3	0
MATH 1130, 1830 College Algebra;			HIST 2010, 2020 Survey of American History I, II	3	3
Intuitive Calc.	3	3	Elective ²	0	3
Natural Science ¹	4	4	Humanities/Fine Arts Electives ³	3	3
Electives ²	1	3			
Total	14	16	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Junior Year			Senior Year		
BMGT 3510	Mgmt. and Organization Behavior	3	BMGT 4930	Business Strategy	3
DS 3620	Business Analytics: Data Driven Decision Making	3	DS 3520	Operations Management	3
DS 3841	Mgt. Information Systems	3	DS 3870	Business Apps Development II	3
DS 3850	Business Applications Development	3	DS 4250	Business Data Communications	3
DS 3860	Business Database Management	3	DS 4330	Management Info Systems Analysis and Design	3
ECON 3610	Business Statistics I	3	DS 4550	Information Systems Dev Practicum	3
FIN 3210	Principles of Managerial Finance	3	ECON 3320, 3810 or 3820		3
MKT 3400	Principles of Marketing	3	LAW 3810	Business Legal Environment and Ethics	3
DS Elective		3	Business Elective ⁴		3
Elective ⁴		3	Elective ⁴		3
Total		30	Total		30

¹ Natural science, choose from: BIOL 1010-1020 or BIOL 1110-1120; CHEM 1110-1120; PHYS 2010-2020; or GEOL 1040-1050.

² Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/admissions/transfer/apply/credits/

³ Fine arts electives, choose one from: ART 1030, MUS 1030, PHIL 1030 or THEA 1030.

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

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

DEPARTMENT OF DECISION SCIENCES AND MANAGEMENT

BUSINESS MANAGEMENT - HUMAN RESOURCE MANAGEMENT

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	0	3	ACCT 1010, 1020 Principles of Accounting I, II	3	3
SPCH 1010 or 103 Fund. of Speech Communication			ECON 2010, 2020 Macroeconomics, Microeconomics	3	3
ENGL 1010, 1020 English Composition I, II	3	3	ENGL Literature	3	0
MATH 1130, 1830 College Algebra; Intuitive Calc.	3	3	HIST 2010, 2020 Survey of American History I, II	3	3
Natural Science ¹	4	4	Elective ²	0	3
Electives ²	1	3	Humanities/Fine Arts Electives ³	3	3
Total	14	16	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Junior Year		Senior Year	
BMGT 3510 Mgmt. & Organization Behavior	3	BMGT 4100 Staffing	3
BMGT 3630 Human Resource Management	3	BMGT 4120 Compensation Administration	3
DS 3620 Business Analytics: Data Driven Decision Making	3	BMGT 4150 Employment and Labor Law	3
DS 3841 Mgmt. Information Systems	3	BMGT 4610 Training and Development	3
ECON 3610 Business Statistics I	3	BMGT 4930 Business Strategy	3
FIN 3210 Principles of Managerial Finance	3	DS 3520 Operations Management	3
LAW 3810 Business Legal Environment and Ethics	3	ECON 3320, 3810 or 3820 Business Elective ⁴	3
MKT 3400 Principles of Marketing	3	Electives ⁴	6
BMGT Electives	6		
Total	30	Total	30

¹ Natural science, choose from: BIOL 1010-1020 or BIOL 1110-1120, CHEM 1110-1120, PHYS 2010-2020, or GEOL 1040-1050.

² Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/admissions/transfer/apply/credits/

³ Fine arts electives, choose one from: ART 1030, MUS 1030, PHIL 1030 or THEA 1030.

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

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

DEPARTMENT OF DECISION SCIENCES AND MANAGEMENT

BUSINESS MANAGEMENT - PRODUCTION/OPERATIONS MANAGEMENT

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	0	3	ACCT 1010, 1020 Principles of Accounting I, II	3	3
SPCH 1010 or 103 Fund. of Speech Communication			ECON 2010, 2020 Macroeconomics, Microeconomics	3	3
	3	0	ENGL Literature	3	0
ENGL 1010, 1020 English Composition I, II	3	3	HIST 2010, 2020 Survey of American History I, II	3	3
MATH 1130, 1830 College Alg.;			Elective ²	0	3
	3	3	Humanities/Fine Arts Electives ³	3	3
Natural Science ¹	4	4			
Electives ²	1	3			
Total	14	16	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Junior Year		Senior Year	
ACCT 3210 Cost Accounting	3	BMGT 4410 Conflict Management & Negotiation	3
BMGT 3510 Mgmt. & Organization Behavior	3	BMGT 4930 Business Strategy	3
BMGT 3630 Human Resource Management	3	ECON 3320, 3810 or 3820	3
DS 3520 Operations Management	3	LAW 3810 Business Legal Environment and Ethics	3
DS 3540 Quality and Productivity Systems	3	Business Electives ⁴	6
DS 3620 Business Analytics: Data Driven Decision Making	3	DS/BMGT Electives ⁴	6
DS 3841 Mgmt. Information Systems	3	MET Electives ⁴	6
ECON 3610 Business Statistics I	3		
FIN 3210 Principles of Managerial Finance	3		
MKT 3400 Principles of Marketing	3		
Total	30	Total	30

¹ Natural science, choose from: BIOL 1010-1020 or BIOL 1110-1120; CHEM 1110-1120; PHYS 2010-2020; or GEOL 1040-1050.

² Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/admissions/transfer/apply/credits/

³ Fine arts electives, choose one from: ART 1030, MUS 1030, PHIL 1030 or THEA 1030.

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

DEPARTMENT OF ECONOMICS, FINANCE AND MARKETING

FINANCE

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	0	3	ACCT 1010, 1020 Principles of Accounting I, II	3	3
SPCH 1010 or 103 Fund. of Speech Communication Public Speaking	3	0	ECON 2010, 2020 Macroeconomics, Microeconomics	3	3
ENGL 1010, 1020 English Composition I, II	3	3	ENGL Literature	3	0
MATH 1130, 1830 College Algebra; Intuitive Calc.	3	3	HIST 2010, 2020 Survey of American History I, II	3	3
Natural Science ¹	4	4	Elective ²	0	3
Electives ²	1	3	Humanities/Fine Arts Electives ³	3	3
Total	14	16	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

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

¹ Natural science, choose from: BIOL 1010-1020 or BIOL 1110-1120; CHEM 1110-1120; PHYS 2010-2020: or GEOL 1040-1050.

² Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/admissions/transfer/apply/credits/

³ Fine arts electives, choose one from: ART 1030, MUS 1030, PHIL 1030 or THEA 1030.

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

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

DEPARTMENT OF ECONOMICS, FINANCE AND MARKETING**MARKETING****VOLUNTEER STATE COMMUNITY COLLEGE**

Freshman Year		F	SP	Sophomore Year		F	SP
INFS 1010	Computer Applications	0	3	ACCT 1010, 1020	Principles of Accounting I, II	3	3
SPCH 1010 or 103	Fund. of Speech Communication			ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
	Public Speaking	3	0	ENGL Literature		3	0
ENGL 1010, 1020	English Composition I, II	3	3	HIST 2010, 2020	Survey of American History I, II	3	3
MATH 1130, 1830	College Algebra; Intuitive Calc.	3	3	Elective ²		0	3
Natural Science ¹		4	4	Humanities/Fine Arts Electives ³		3	3
Electives ²		1	3				
	Total	14	16	Total		15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Junior Year				Senior Year			
BMGT 3510	Mgmt. & Organization Behavior	3		BMGT 4930	Business Strategy		3
DS 3520	Operations Management	3		MKT 4620	Marketing Research		3
DS 3620	Business Analytics: Data Driven Decision Making			MKT 4730	Marketing Strategy		3
DS 3841	Management Information Systems	3		Marketing Electives ⁴			12
ECON 3320, 3810 or 3820		3		Business Elective ⁴			3
ECON 3610	Business Statistics I	3		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					
Elective ⁴		3					
	Total		30	Total			30

¹ Science sequence, choose from: BIOL 1010-1020 or BIOL 1110-1120; CHEM 1110-1120; PHYS 2010-2020; or GEOL 1040-1050.

² Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/admissions/transfer/apply/credits/

³ Fine arts electives, choose one from: ART 1030, MUS 1030, PHIL 1030 or THEA 1030.

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

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

COLLEGE OF EDUCATION

Admission to the Teacher Education Program for Undergraduate Students

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

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

Upon admission to the Teacher Education Program, students will begin to prepare and submit requirements for the Field and Clinical Practice (Residency or Student Teaching experience). More detailed information on Field and Clinical Practice requirements and deadlines can be found at the link below: <https://www.tntech.edu/education/teachered/field-and-clinical-practice/>

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

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

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

Upon admission to the Teacher Education Program, students will begin to prepare and submit requirements for the Field and Clinical Practice (Residency or Student Teaching experience). More detailed information on Field and Clinical Practice requirements and deadlines can be found at the link below: <https://www.tntech.edu/education/teachered/field-and-clinical-practice/>

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

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

COLLEGE OF ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

CHEMICAL ENGINEERING

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
CHEM 1110, 1120 General Chemistry I, II	4	4	CHEM 2010, 2020 Organic Chemistry I, II	4	4
SPCH 1010 or 103 Fund. of Speech Communication or Public Speaking	3	0	ENGL Literature	3	0
ENGR 210 C++ for Engineers	0	3	HIST 2010, 2020 Survey of American History I, II ¹	3	3
ENGL 1010, 1020 English Composition I, II	3	3	MATH 2110 Calculus & Analytic Geometry III	3	0
MATH 1910, 1920 Calculus & Analytic Geometry I, II	4	4	MATH 2120 Differential Equations	0	4
Humanities/Fine Arts Elective	3	0	PHYS 2110, 2120 Calculus-Based Physics I, II	4	4
Social/Behavioral Science Elective	0	3	Humanities/Fine Arts Elective	3	0
			Social/Behavioral Science Elective	0	3
Total	17	17	Total	20	18

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Pedro Arce, Department Chairperson - Prescott Hall 214, Phone: (931) 372-3297
(Recommend the advisor be contacted prior to transfer.)

Junior Year²		Senior Year	
CHE 1520 Intro to Chemical and Biological Process Analysis and Scaling I	3	CHE 4131 Transfer Science III: Diffusion and Diffusive-Convective Mass Transfer	4
CHE 2020 Intro to Chemical and Biological Process Analysis and Scaling II	3	CHE 4210 Chemical Reaction Engineering	4
CHE 3010 Thermodynamics of Chemical Processes	3	CHE 4240 CHE Capstone Project	1
CHE 3111 Transfer Science I: Conduction, Radiation, and Diffusion	4	CHE 4410, 4420 Process Design I, II	6
CHE 3021 Separations and Solution Thermodynamics	4	CHE 4540 Process Dynamics & Control	3
CHE 3121 Transfer Science II: Fluid Mechanics	4	ChE Technical Electives ⁴	6
CHE 3730 CHE Operations	3	CHE 4910 Professionalism and Ethics in CHE	1
CEE 2110, ECE 3810 or BIOL 3200 Technical Elective ³	3	CHEM 3510, 3520 Physical Chemistry	8
Total	29	Total	33

¹American History 2010, 2020 are not required for B.S. degree in Chemical Engineering.

²Students must apply to the CHE Fast-Track MS program by the end of their second junior term.

³Three hours of Technical Electives can be from any of the following courses:

- a. Any College of Engineering course at the 3000 or 4000 level.
- b. Any BIOL/CHEM/MATH/PHYS at the 3000 or 4000 level.
- c. CEE 2100
- d. Any course with the prior approval of the ChE Undergraduate Program Coordinator.
- e. Note that CEE 2100, BIOL 3200 and ECE 3810 cannot count both as a Technical Elective and as part of the CEE 2100/ECE 3810/BIOL 3200 option.

⁴Three hours of ChE Technical Electives must come from one of the following courses.

- a. ChE 4330--Polymer Engineering
- b. ChE 4661--Transport in Biochemical & Biological Processes
- c. ChE 4990--Undergraduate to Research

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

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING
COMPUTER ENGINEERING

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year		F	SP	Sophomore Year		F	SP
ENGL 1010, 1020	English Composition I, II	3	3	ENGL Literature		0	3
MATH 1910, 1920	Calculus and Analytic Geometry I, II	4	4	SPCH 1010 or 103	Fund. of Speech Communication or Public Speaking	0	3
CHEM 1110	General Chemistry I	4	0	PHYS 2110, 2120	Calculus-Based Physics I, II	4	4
	Humanities/Fine Arts Elective	0	3	MATH 2010	Linear Algebra	3	0
	Social/Behavioral Science Elective	0	3	MATH 2120	Differential Equations	0	4
HIST 2010, 2020					Humanities/Fine Arts Elective	3	0
	Survey of American History I, II ³	3	3		Social/Behavioral Science Elective	3	0
	Total	14	16	Total		12	14

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Charles Carnal, Faculty Advisor - Brown Hall 217, CharlesLC@tntech.edu
 (Recommend the advisor be contacted prior to transfer.)

Third Year		Fourth Year	
CSC 1300	Intro to Problem Solving and Computer Programming	4	ECE 3010 Signals & Systems 3
CSC 1310	Data Structures and Algorithms	4	ECE 3020 Discrete-Time Signals and Systems 3
ECE 2001	Computer Aided Engineering in ECE	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 Laboratory 1
ECE 2020	Electric Circuits II	3	ECE 3130 Microcomputer Systems 4
ECE 2110	Intro to Digital Systems	3	ECE 3920 Professional Issues in ECE 1
MATH 2110	Calculus III	4	CSC 2400 Design of Algorithms 3
MATH 3470	Introductory Probability and Statistics	3	CSC 2500 Unix Lab 1
			CSC 4200 Computer Networks 3
	Total	26	Total

Fifth Year		
ECE 4961, 4971	Capstone Design I, II	6
ECE 4110	Digital System Design	3
ECE 4120	Fundamentals of Computer Design	3
ECE 4140	Embedded System Design	3
EE Laboratory Elective ²		2
EE Elective ²		3
CmpE Elective ²		3
CSC 4100	Operating Systems	3
CS Elective ²		3
	Total	28

¹American History 2010, 2020 are not required for B.S. degree in Computer Engineering.

²Select from the ECE Department approved list.

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

COLLEGE OF INTERDISCIPLINARY STUDIES**SCHOOL OF ENVIRONMENTAL STUDIES****ENVIRONMENTAL AND SUSTAINABILITY STUDIES****Environmental Science
Biology option**

Freshman Year		F	SP	Sophomore Year		F	SP
CHEM 1110	General Chemistry I	4	0	BIOL 1050	Introduction to Environmental		
BIOL 1110, 1120	General Biology I, II	4	4		Studies	4	0
GEOL 1060	Earth's Environments	0	4	BIOL 1060	Environmental Science	0	4
SPCH 1010 or 103	Fund. of Speech Communication or			ENGL Literature		3	0
	Public Speaking	0	3	HIST 2010, 2020	Survey of American		
ENGL 1010, 1020	English Composition I, II	3	3		History I, II	3	3
Humanities/Fine Arts	Elective	3	0	ECON 2020	Microeconomics	0	3
MATH 1130	College Algebra	3	0	PHIL 1030	Introduction to Philosophy	0	3
				SOCI 1010	Introduction to Sociology	0	3
				ISCI 1030	Science, Society and		
					Sustainability	4	0
					Total	14	16
	Total	17	14				

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Hayden Mattingly, Southwest Hall 179, Phone (931) 372-3698

Junior Year		F	SP	Senior Year		F	SP
BIOL 2110	General Botany	4	0	AGBE 4120	Natural Resource Economics	3	0
CHEM 1020	Intro to Chemistry II	0	4	BIOL 3140, 3200 or 3810		0	4
ESS 3000	Intro to Environmental Law	3	0	ESS 4001, 4002	Society and the Environment:		
ESS 3710 or CHEM 4710		0	3		Capstone Experience Part 1, 2	3	3
GEOG 3200	Water Resources	0	3		Biology Option Elective	4	4
HIST 3900	Environmental History	0	3		Electives	3	1
MATH 3070	Statistical Methods I	3	0				
PHYS 2010	Algebra-based Physics I	4	0				
SOC 3600	Environmental Sociology	0	3				
	Total	14	16		Total	13	12

Biology Option Elective

One of the following:

AGHT 3450 Denrology
 BIOL 3240 Field Botany
 BIOL 4330 Plant Ecology

One of the following:

GEOL 2000 Earth Evolution and Life History
 WFS 4500 National Wildlife Policy
 WFS 4730 Conservation Biology

One of the following:

BIOL 4650 Marine Biology
 BIOL 4840 Limnology
 BIOL 4130 Environmental Microbiology

One of the following:

BIOL 3330 Entomology
 BIOL 4230 Animal Behavior
 BIOL 4610 Invertebrate Zoology
 BIOL 4630 Ornithology
 BIOL 4810 Ichthyology
 BIOL 4820 Mammalogy
 BIOL 4830 Herpetology

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

ENVIRONMENTAL AND SUSTAINABILITY STUDIES

Environmental Science Chemistry option

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
CHEM 1110, 1120			BIOL 1050		
General Chemistry I, II	4	4	Introduction to Environmental Studies	4	0
BIOL 1120	0	4	BIOL 1060	0	4
General Biology II			Environmental Science		
SPCH 1010 or 103			ENGL Literature	3	0
Fund. of Speech Communication or Public Speaking	0	3	HIST 2010, 2020		
ENGL 1010, 1020	3	3	Survey of American History I, II	3	3
English Composition I, II			ECON 2020	0	3
Humanities/Fine Arts Elective	3	0	Microeconomics		
MATH 1830 or 1910	3-4	0	SOCI 1010	3	0
Introduction to Philosophy			Introduction to Sociology		
PHIL 1030	3	0	CHEM 2010, 2020		
			Organic Chemistry I, II	4	4
Total	16-17	14	Total	17	14

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Hayden Mattingly, Southwest Hall 179, Phone (931) 372-3698

Junior Year	F	SP	Senior Year	F	SP
CHEM 3410	4	0	AGBE 4120	3	0
Quantitative Analysis			Natural Resource Economics		
CHEM 3500			CHEM 4710, 4720		
Elements of Physical Chemistry	0	3	Environmental, Advanced Chem	3	3
ESS 3000	3	0	Society and the Environment	3	3
Intro to Environmental Law			Chemistry Option (Elective)	4	4
GEOL 1045	4	0	Elective	0	3
Earth Environment, Resources and Society					
GEOL 3200	0	3	Total	13	13
Water Resources					
HIST 3900	0	3			
Environmental History					
MATH 3070	3	0			
Statistical Methods I					
PHYS 2010	4	0			
Algebra-based Physics I					
SOC 3600	0	3			
Environmental Sociology					
Total	18	12			

Chemistry Option Elective

Two of the following:

GEOL 4100 Environmental Sedimentology
 GEOL 4650 Applied Geochemistry
 GEOL 4711 Hydrogeology
 GEOG 4510 Theory of GIS I
 GEOG 4650 Environmental Applications of GIS
 ARGN 3230 Environmental Soil Science
 AGRN 4220 Environmental Soil Chemistry
 BIOL 4130 Environmental Microbiology
 BIOL 4840 Limnology
 BIOL 4850 Applied Microbiology
 WFS 4500 National Wildlife Policy
 WFS 4730 Conservation Biology
 CHEM 4992 Undergraduate Research

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

ENVIRONMENTAL AND SUSTAINABILITY STUDIES

Environmental Science Natural Resources

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year		F	SP	Sophomore Year		F	SP
CHEM 1110	General Chemistry I	4	0	BIOL 1050	Introduction to Environmental Studies	4	0
BIOL 1120	General Biology II	0	4				
GEOL 1060	Earth's Environments	0	4	BIOL 1060	Environmental Science	0	4
SPCH 1010 or 103	Fund. of Speech Communication or Public Speaking	0	3	ENGL Literature		3	0
ENGL 1010, 1020	English Composition I, II	3	3	HIST 2010, 2020	Survey of American History I, II	3	3
	Humanities/Fine Arts Elective	3	0	ECON 2020	Microeconomics	0	3
MATH 1130	College Algebra	3	0	PHIL 1030	Introduction to Philosophy	3	0
Electives ²		3	0	SOCI 1010	Introduction to Sociology	3	0
	Total	16	14	Electives ²		0	4
				Total		16	14

TENNESSEE TECHNOLOGICAL UNIVERSITY

AAdvisor: Dr. Hayden Mattingly, Southwest Hall 179, Phone (931) 372-3698

Junior Year		F	SP	Senior Year		F	SP
AGBE 2010	World Food and Society	0	3	ESS 4001, 4002	Society and the Environment	3	3
AGBE 4120	Natural Resource Economics	3	0		Electives	8	0
AGRN 3230	Environmental Soil Science	0	3		Directed Electives	3	3
ESS 3710 or CHEM 4710		3	0	AGRN 4210, AGRN 4220, BIOL 4840 or			
ESS 3000	Intro to Environmental Law	3	0	GEOL 4150		0	3-4
GEOG 3200	Water Resources	0	3	AGBE 4130, AGET 4720, or AGET 3110 and			
HIST 3900	Environmental History	0	3	AGET 3115		0	6
MATH 3070	Statistical Methods I	3	0				
PHYS 2010	Algebra-based Physics I	4	0				
SOC 3600	Environmental Sociology	0	3				
	Total	16	15	Total		14	15

Directed Electives

BIOL 4330 Plant Ecology
 BIOL 4840 Limnology
 GEOL 2000 Earth Evolution and Life History
 GEOG 1010 Weather and Climate
 GEOG 4510 Theory of GIS I
 GEOG 4650 Environmental Applications of GIS
 WFS 4730 Conservation Biology

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

ENVIRONMENTAL AND SUSTAINABILITY STUDIES**Environmental Technology****VOLUNTEER STATE COMMUNITY COLLEGE**

Freshman Year		F	SP	Sophomore Year		F	SP
CHEM 1110, 1120				BIOL 1050	Introduction to Environmental Studies	4	0
	General Chemistry I, II	4	4				
BIOL 1120	General Biology II	0	4	BIOL 1060	Environmental Science	0	4
SPCH 1010 or 103	Fund. of Speech Communication or Public Speaking	0	3	ENGL Literature		3	0
ENGL 1010, 1020	English Composition I, II	3	3	GEOL 1060	Earth's Environments	0	4
Humanities/Fine Arts Elective		3	0	HIST 2010, 2020	Survey of American History I, II	3	3
MATH 1910, 1920				ECON 2020	Microeconomics	0	3
	Calculus I, II	4	4	PHIL 1030	Introduction to Philosophy	3	0
				SOCI 1010	Introduction to Sociology	3	0
Total		14	18	Total		16	14

TENNESSEE TECHNOLOGICAL UNIVERSITY

AAdvisor: Dr. Hayden Mattingly, Southwest Hall 179, Phone (931) 372-3698

Junior Year		F	SP	Senior Year		F	SP
CEE 3413	Environmental Engineering	3	0	AGBE 4120	Natural Resource Economics	3	0
ESS 3710 or CHEM 4710		0	3	ESS 4001, 4002	Society and the Environment	3	3
ESS 3000	Intro to Environmental Law	3	0	GEOG 4510	Theory of GIS I	3	0
HIST 3900	Environmental History	0	3	GEOG 4650	Environmental Applications of GIS	0	3
MATH 3070	Statistical Methods I	3	0	ET Tech Elective		3	3
PHYS 2010	Algebra-based Physics I	4	0	Electives		4	5
SOC 3600	Environmental Sociology	0	3				
Electives		0	6				
Total		13-14	15	Total		16	14

Environmental Technology Electives

AGET 3510 Agricultural Surveying
 AGET 3620 Computer-Aided Design in Agriculture
 AGET 2110 Agricultural Engineering Technology
 BIOL 4130 Environmental Microbiology
 BIOL 4840 Limnology
 CEE 4410 Solid and Hazardous Waste Management
 CEE 4430 Water and Wasterwater Engineering
 CEE 4450 Water Quality Modeling
 ESS 4300 Environmental Management System
 GEOG 1130 Geography of Natural Hazards
 GEOG 4511 Theory of GIS II
 GEOL 4711 Hydrogeology
 PHYS 2010 Algebra-based Physics I or PHYS 2110 Calculus-based Physics I
 WFS 4500 National Wildlife Policy
 WFS 4730 Conservation Biology

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

SCHOOL OF INTERDISCIPLINARY STUDIES
INTERDISCIPLINARY STUDIES (B.S.) (LIST)
Workplace Leadership and Human Behavior

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
Natural Sciences	4	4	ENGL Literature	3	0
SPCH 1010 or 103Fund. of Speech Communication or Public Speaking	3	0	HIST 2010, 2020Survey of American History I, II	3	3
ENGL 1010, 1020English Composition I, II	3	3	Humanities/Fine Arts Electives	3	3
MATH ¹	0	3	ECON 2020 Microeconomics	0	3
PSYC 1030 General Psychology	3	0	SOCI 1010 Introduction to Sociology	3	0
Electives ²	2	5	Electives ²	3	6
Total	15	15	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Jeannie Smith, Southwest Hall, Phone (931) 372-6238

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

¹Select from the General Education Core.

²Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/admissions/transfer/apply/credits/

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

DEGREE REQUIREMENTS

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

PREREQUISITE REQUIREMENTS

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

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

INTERDISCIPLINARY STUDIES (B.S.) (LIST)**VOLUNTEER STATE COMMUNITY COLLEGE**

Freshman Year		F	SP	Sophomore Year		F	SP
Natural Sciences		4	4	ENGL Literature		3	0
SPCH 1010 or 103Fund. of Speech Communication or Public Speaking		3	0	HIST 2010, 2020Survey of American History I, II		3	3
ENGL 1010, 1020English Composition I, II		3	3	Humanities/Fine Arts Electives		3	3
MATH ¹		0	3	ECON 2020 Microeconomics		0	3
PSYC 1030 General Psychology		3	0	SOCI 1010 Introduction to Sociology		3	0
Electives ²		2	5	Electives ²		3	6
Total		15	15	Total		15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Jeannie Smith, Southwest Hall, Phone (931) 372-6238

Junior Year			Senior Year		
Concentration Area (3000-4000 level courses)		12	Concentration Area (3000-4000 level courses)		12
Electives (3000-4000 level)		18	Electives (any level)		15
			LIST 4995 Capstone Project (last semester; all concentration requirements must be completed prior)		3
Total		30	Total		30

¹Select from the General Education Core.²Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/admissions/transfer/apply/credits/

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

DEGREE REQUIREMENTS

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

PREREQUISITE REQUIREMENTS

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

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

SCHOOL OF PROFESSIONAL STUDIES
PROFESSIONAL STUDIES (B.S.)

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 English Composition I, II	3	3	PSYC 1030 General Psychology	3	0
HIST 2010, 2020 Survey of American History I, II	3	3	ENGL Literature	3	0
MATH ¹	3	0	SPCH 1010 or 103 Fund. of Speech Communication or Public Speaking	3	0
Natural Science	4	4	SOCI 1010 Introduction to Sociology	3	0
Humanities/Fine Arts Electives	3	3	ECON 2010, 2020 Microeconomics, Macro	3	3
			Electives ²	4	3
Total	16	13	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY
 Advisor: Jeannie Smith, Southwest Hall, Phone (931) 372-6238

Junior Year		Senior Year	
Professional Core (3000-4000 level courses)	9	Professional Core (3000-4000 level courses)	12
Concentration (3000-4000 level) ¹	15	Electives (any level)	15
Electives (3000-4000 level)	6	PRST 4995 Capstone Project (last semester; all concentration requirements must be completed prior)	3
Total	30	Total	30

¹Available concentrations in Health Administration, Information Technology, Organizational Leadership, or International Organizational Leadership, <http://www.tnecampus.info/welcome-tn-ecampusinfo>. This is an online degree program delivered through TN eCampus <http://www.tnecampus.info/welcome-tn-ecampusinfo>.

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

2017-2018

ARMY ROTC

RESERVE OFFICERS TRAINING CORPS

OBJECTIVE

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

ENROLLMENT REQUIREMENTS

The general requirements for enrollment in ROTC are:

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

TWO-YEAR ROTC PROGRAMS

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

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

Option 2: Students who have completed basic training with any military service of the United States, or have attended one of the United States Service Academies for at least one year, will receive credit for the ROTC Basic Course and will not have to attend LTC. These students will begin ROTC as MS III's. They will attend LDAC the following year, enroll as MS IV's 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 commissions, students must meet Tennessee Tech graduation requirements, complete required ROTC courses, meet the Army height/weight requirements, and pass the Army Physical Fitness Test.