



General Education Navigator/Academic Year 2025-26

UT's General Education (GE) program provides the subject-area knowledge and learning skills foundation for 2- and 4-year degrees. **Core** and **Institution** courses make up the general education foundation. **Breadth** courses give an opportunity to explore various subjects. General education courses are highly advisable for concurrent enrollment students; they are required for college graduation and transferable from one Utah System of Higher Education (USHE) institution to another. *It is possible to complete UT's GE requirements by taking 5 concurrent enrollment classes during junior and senior years.*

1. **Review the class list below with parents and counselors. Follow the instructions to select classes in each GE category.**
2. **Speak with experts about GE choices.** 1. Ask a high school counselor which GE classes are offered at your school; ask about other ways to fulfill GE requirements (e.g., AP). 2. Reach out to concurrent@utahtech.edu, or call 435-652-7918 about how course choices fit different certificate and degree programs.
3. **Are you ready to become a Trailblazer? Your journey starts here.**

	UT GE Credits Required	UT Concurrent Enrollment Courses		Credits	My Choices
Core and Institution (16-18 credits)	Written Communication (WC) (6 credits with a grade of C- or better)	ENGL 1010	Intro to Writing	3	
		ENGL 2010	Intermediate Writing (pre-req: ENGL 1010)	3	
	Quantitative Literacy (QL) (3 credits with a grade of C- or better) Select ONE of these courses	MATH 1030	Quantitative Reasoning	3	
		MATH 1040	Intro to Statistics	3	
		MATH 1050	College Algebra/Precalculus	4	
		MATH 1060	Trigonometry	3	
		MATH 1080	Precalculus with Trigonometry	5	
		MATH 1210	Calculus I	4	
	American Institutions (AI) (3 credits) Select ONE of these courses	HIST 1700	American History	3	
		POLS 1100	American Government	3	
		HIST 2700 + 2710	US History to 1877 / Since 1877*	3/3	
Breadth* (16-18 credits with a minimum of 3 in each category)	Arts (AR) Select ONE of these courses	ART 1010	Intro to Art	3	
		ART 1110	Drawing and Composition	3	
		ART 2060	Digital Photography	3	
		DANC 1010	Dance in Culture	3	
		MUSC 1010	Intro to Music	3	
		THEA 1013	Intro to Theatre	3	
	Humanities (H) Select ONE of these courses	COMM 1020	Public Speaking	3	
		ENGL 2200	Understanding Literature	3	
		HUM 1010	Intro to Humanities	3	
		PHIL 1120	Social Ethics	3	
	Social & Behavioral Sciences (SS) Select ONE of these courses	COMM 2110	Interpersonal Communication	3	
		ECON 1010	Economics of Social Issues	3	
		FIN 1750	Personal Finance	3	
		FSHD 1500/PSY 1100	Human Development Lifespan (cross listed)	3	
		HIST 1500	World History to 1500	3	
		HIST 1510	World History since 1500	3	
		HIST 2700	US History to 1877*	3	
		HIST 2710	US History Since 1877*	3	
		PSY 1010	General Psychology	3	
		PSY 1100	Human Development Through Lifespan	3	
	Life Sciences*(LS) Select ONE of these courses	SOC 1010	Introduction to Sociology	3	
		BIOL 1010	General Biology	3	
		BIOL 1200	Human Biology	3	
		BIOL 1610/1615	Principles of Biology I/Lab (required)	4/1	
	Physical Sciences* (PS) Select ONE of these courses	FSHD 1020	Scientific Foundations of Nutrition	3	
		CHEM 1010	Intro to Chemistry	3	
		CHEM 1110/1115	Elem. General/Organic Chemistry/Lab (required)	4/1	
		CHEM 1150/1155	Integr. Chemistry for Health Science/Lab (required)	3/1	
		CHEM 1210/1215	Principles of Chemistry I/Lab (required)	4/1	
		ENVS 1010	Intro to Environmental Science	3	
		GEO 1010	Intro to Geology	3	
		PHYS 1010	Elementary Physics	3	
		PHYS 1040	Elementary Astronomy	3	
		PHYS 2010/2015	College Physics I/Lab (required)	3/1	

* HIST 2700 and HIST 2710 must both be taken to get AI credit; HIST 2700 and HIST 2710 each also give SS credit. Courses can be used for AI or SS credit but not both.

More Information: catalog.utahtech.edu/programs/generaleducation/



CE Options for High School Graduation Requirements

The following is a general list of UT Concurrent Enrollment (CE) courses that fulfill both high school graduation requirements and general education (GE) requirements in higher education. This is not a complete list of all CE or GE courses at UT. Refer to the [Concurrent Enrollment Master List](#) for full course options and details.

HS Graduation Requirements	UT CE Options	UT GE
Language Arts (4.0 HS units)	Language Arts 9 (1.0) Language Arts 10 (1.0) Language Arts 11 (1.0)	NA – Secondary only
	Language Arts 12 or Applied & Advanced (1.0)	ENGL 1010 Intro to Writing: Academic Prose ENGL 2010 Intermediate Writing COMM 1020 Public Speaking COMM 2110 Interpersonal Communication ENGL 2200 Understanding Literature HUM 1010 Intro to Humanities
		WC ₁ WC ₂ H SS H H
Mathematics (3.0 HS units)	Secondary Math 1 (1.0) Secondary Math 2 (1.0) Secondary Math 3 (1.0)	NA – Secondary only
	Senior Math Options (Select one) <i>Which course to take depends on your college major. For help, see page 3.</i>	MATH 1030 Quantitative Reasoning MATH 1040 Intro to Statistics MATH 1050 College Algebra/Precalculus MATH 1060 Trigonometry MATH 1080 Precalculus with Trigonometry MATH 1210 Calculus I
		QL QL QL QL QL QL
Science (3.0 HS units) from at least two quadrants	Foundation Science (2.0) (Select 2 from different disciplines) <i>Lecture and lab required</i>	BIOL 1010/15 General Biology/Lab* BIOL 1200 Human Biology BIOL 1610/15 Principles of Biology I/Lab* CHEM 1010/15 Intro to Chemistry/Lab* CHEM 1110/15 Elementary General/Organic Chemistry/Lab* CHEM 1150/55 Integrated Chemistry for Health Sciences/Lab* CHEM 1210/15 Principles of Chemistry I/Lab* PHYS 1010/15 Elementary Physics/Lab* PHYS 2010/15 College Physics I/Lab*
		LS LS LS PS PS PS PS PS PS
	Applied & Advanced (1.0) <i>All courses in this pathway qualify as Applied & Advanced</i>	ENVS 1010 Intro to Environmental Science GEO 1010/15 Intro to Geology/Lab PHYS 1040/45 Elementary Astronomy/Lab
		PS PS PS
Social Studies (3.0 HS units)	World Geography (0.5)	--
	World History (0.5)	HIST 1500 + 1510 World History to 1500 / Since 1500
	US History (1.0)	HIST 1700 American History (year long)
	US Government and Citizenship (1.0)	POLS 1100 American Government
		ECON 1010 Economics of Social Issues
		FSHD 1500 Human Development Lifespan
		PSY 1010 General Psychology
		PSY 1100 Human Development Through Lifespan
		SOC 1010 Introduction to Sociology
		HIST 2700 US History to 1877* (UT Campus) HIST 2710 US History Since 1877* (UT Campus) PHIL 1120 Social Ethics
Arts (1.5 HS unit)	Visual Arts	ART 1010 Intro to Art ART 1110 Drawing and Composition
	Dance	DANC 1010 Dance in Culture
	Music	MUSC 1010 Intro to Music
	Theatre	THEA 1013 Intro to Theatre
		AR AR AR AR
Health Education (0.5 HS unit)	Health Education (0.5)	NA – Secondary only
Physical Education (1.5 HS unit)	Participation Skills (0.5) Fitness for Life (0.5) Individualized Lifetime Activities (0.5)	NA – Secondary only
Career & Technical Education (CTE) (1.0 HS unit)	UT offers many CTE courses from design to manufacturing. The following 2 courses are USBE CTE courses that meet GenEd requirements.	
		ART 2060 Digital Photography FSHD 1020 Scientific Foundations of Nutrition
		AR LS
Digit Studies & Financial Literacy (0.5 HS units each)	Digital Studies (0.5)	CIS 1200 Computer Literacy CS 1030 Problem Solving with Computers CS 1400 Fundamentals of Programming
	Financial Literacy (0.5)	FIN 1750 Personal Finance
		Not GE Not GE Not GE SS
Elective Credit (5.5 HS unit)		NA – Secondary only
World Languages (optional)	This credit is optional for HS graduation and not included on the USHE GE pathway. UT offers world language courses in:	
	ASL / Chinese / Spanish	

* Must complete 2700 & 2710 for US History and AI credit. Students completing only one earn Social Studies Elective and SS GE credit.
* Must enroll in both lecture and lab for foundation science credit.

Which QL Math class is right for you? Select a college math class that fits your college and career path.

Most certificate and all degree programs require students to complete a Quantitative Literacy (QL) class*. Students are encouraged to complete QL in their senior year of high school. Different QL classes provide the math foundation for different pathways.

MATH 1030 – Intro to Quantitative Reasoning

An appropriate math class for the general studies or liberal arts student majoring in humanities or other programs not related to math and science. The class covers a broad scope of mathematical topics as they apply to real-world problems. Topics include reasoning and number sense, using percents and estimation, math for finance matters such as loans and investments, probability and statistics, and modeling. *MATH 1030 may be the last Math class you take in college.*

MATH 1040 – Intro to Statistics

Recommended particularly for students in programs desiring statistical literacy, including but not limited to Social Science, Behavioral Sciences, and Nursing (college may require 1040 or 1050). This class includes descriptive and inferential statistical methods. Topics include sampling design, descriptive statistics, linear regression and correlation, probability, sampling distributions, and hypothesis testing and confidence intervals. *MATH 1040 may be the last Math class you take in college.*

MATH 1050 – College Algebra

Designed for students interested in Mathematics, Science, Engineering, Technology and Business. An in-depth exploration of algebra topics designed to ultimately prepare students for Calculus or further education classes. Topics include functions, including polynomial, rational, exponential, and logarithmic; systems of equations; matrices and determinants; partial fraction decomposition; conics; and sequences and series. *MATH 1050 is the first Math class you will likely take in college.*

*MATH 1010 Intermediate Algebra does not fulfill the QL requirement. It is intended only for students who cannot place into a QL course after completion of Secondary MATH III.