

In addition to earning college credit while still in high school, Concurrent Enrollment (CE) is an opportunity to explore what you may study in college—also known as a “college major”— and connect college majors to future careers. How do you select CE classes that maximize your exploration?

1. **Discover your career interest personality.** Your “career interest personality” may make different careers more attractive and rewarding to you. For example, if you have an Artistic personality, a career in graphic design will reward your creativity. If you have a Social personality, a career in Nursing will reward your compassion and caring. Discover your career interest personality by taking the Interest Profiler under Assessments on UtahFutures.org.
2. **Uncover the things you like to work with.** All occupations involve some work with data, ideas, people, and things. Different personality types are attracted to occupations that focus on different combinations of these areas. When you register to take the ACT, answer all the interest questions. If you do, your ACT results will include information on your interest in working with data, ideas, people, or things.
3. **Explore college subjects within an Exploratory Pathway.** In college, you will pick a major, the subject that most interests you or prepares you for a desired career. Majors can be anything from art to zoology, from business to engineering. The major plus general education requirements in core subjects such as math, English, science, and humanities, give you a well-rounded education in addition to specialization in a particular subject. You may not know yet what you want to major in, but you can use your career interest personality to pick an Exploratory Major Pathway. Pathways group related majors together so you can explore your options. Each pathway includes classes, often numbered 1010, that provide an introduction or a “survey” to a major. Most survey classes also count toward general education requirements.
4. **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*. You are encouraged to complete QL 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/STAT 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.*

Each Exploratory Major Pathway lists recommendations for the QL that will provide Math knowledge for most of the majors in that pathway. Ask a campus advisor if you are unsure about the best QL choice for you.

**MATH 1010 Intermediate Algebra does not fulfill the QL requirement. It is intended only for students who cannot place directly into MATH 1050 after completion of Secondary MATH III.*

Exploratory Pathway by Interest Personality	Recommended CE Survey Classes	GenEd*	Institutions Offering CE Class							
CONVENTIONAL "Organizers"	BA/BSAD/BUS/BUSN/MGMT 1010 (3 credits) Intro to Business/Business Principles	SS	USU	1	SUU	1		UVU	2	
	BUS/BUSN/FIN/FCSE various numbers (3 credits) Personal Finance/Financial Literacy	SS	USU		SUU	Snow	DSU	UVU	1	
	ECON 1010 (ECN 1500 at USU) (3 credits) Economics as a Social Science/Economic Institutions	SS	3	WSU	SUU			UVU	SLCC	
ENTERPRISING "Persuaders"	COMM/CMST 1020 (3 credits) Public Speaking	H	USU			4		UVU	4	
	COMM/CMST 2110 (3 credits) Interpersonal Communication	H	USU	WSU		5	5	5		
	ENTR 1002/DMT 1930/MGMT 2600 or 1250/CTEL 1010 (3 credits) Leadership Principles / Entrepreneurship			WSU		Snow	DSU	UVU	SLCC	
Recommended QL: MATH 1050	POLS 1100 (3 credits) American Government	AI	USU	WSU	SUU	Snow	DSU	UVU	SLCC	
	SOCIAL "Helpers"	CHF/FHS/FSHD/HDFS/HFST 1500 or PSY 1100 (3 credits) Human Development	SS	USU	WSU		Snow	DSU	UVU	SLCC
		CJ 1010 (3 credits) Intro to Criminal Justice	SS	USU	WSU	SUU	Snow		UVU	SLCC
EDU/EDUC/EDEL/TEAL 1010 (2-3 credits) Intro to Education/Exploring Education/Exploring Teaching			USU	WSU	6	Snow	DSU	UVU	SLCC	
Recommended QL: MATH 1040	FSHD/NUTR/NDFS/NFS/HLTH/HSFT 1020 (3 credits). Foundations of Nutrition	LS	USU	WSU	SUU	Snow	DSU	1	SLCC	
	PSY 1010 (3 credits) Intro to Psychology	SS	USU	WSU	SUU	Snow	DSU	UVU	SLCC	
	ARTISTIC "Creators"	ART 1010 (3 credits) Intro to Visual Arts	FA	USU	WSU	SUU	Snow	DSU	UVU	SLCC
ENGL 2200 (3 credits) Intro to Literature/Understanding Literature		H	USU	WSU	SUU	Snow	DSU	UVU		
MUSC 1010 (3 credits) Intro to Music		FA	USU	WSU	SUU	Snow	DSU	UVU	SLCC	
Recommended QL: MATH 1030	THEA 1013 (3 credits) Intro to Theatre/Understanding Theatre	FA	USU	WSU	SUU	Snow	DSU	UVU	SLCC	
	HU/HUM/HUMA 1010/1100/USU 1320 (3 credits) Intro to the Humanities	H	USU		SUU		DSU	UVU	SLCC	
	INVESTIGATIVE "Thinkers"	BIOL 1010 (3 credits) (1015/1013 Lab 1 credit) General Biology	LS	USU+		SUU	Snow	DSU	UVU	SLCC
CHEM 1010 (3 credits) (1015 Lab 1 credit) Intro to Chemistry		PS	USU		SUU	Snow	DSU	UVU	SLCC	
CHEM 1110 (3-5 credits) Elementary Chemistry		PS		WSU	SUU	Snow	DSU		1	
Recommended QL: MATH 1050	CS/CSIS 1400 (3 or 4 credits) Fundamentals of Programming/Intro to Computer Programming		USU	WSU	SUU	Snow	DSU	UVU	SLCC	
	ENGR 1000/1010 (3 credits) Intro to Engineering/Engineering in the 21 st Century		USU	WSU	SUU			UVU		
	PHYS 1010 (3 credits) (1015 Lab 1 credit) Elementary Physics	PS	USU	WSU	SUU	Snow	DSU	UVU	SLCC	
REALISTIC "Doers"***	AUT/AUTO/AUSV 1010/1000 (3 credits) Intro to Automotive Service		USU	WSU		Snow		UVU	SLCC	
	CCET 1030/EDDT/EGDT 1040/MANF 1060 (3 credits) Intro to CAD (Mechanical) Design		USU		SUU	Snow		UVU	SLCC	
	BDC/CCET/CM 1040/EGDT 1090 (3 credits) Intro to Residential Architecture/Architecture Residential Design			WSU	SUU	Snow		UVU		
Recommended QL: See counselor**	CMGT/CM/BCCM/CMT Various courses in Construction & Construction Management		USU	WSU		Snow		UVU	SLCC	

TABLE NOTES: 1 Class is not a GenEd class at this institution. Students planning to attend that institution may choose to take another class in the category.

2 Class is a Human Relations GenEd at SLCC. 3 Class is an AI GenEd class at USU. 4 Class is an Oral Communications GenEd at Snow and a Communication GenEd at SLCC. 5 Class is a SS GenEd class at DSU and UVU and an Oral Communications GenEd at Snow. 6 Class counts as a SS GenEd at SUU only.

*General Education Legend: AI American Institutions, FA Fine Arts, H Humanities, LS Life Science, PS Physical Science, SS Social Science

**Numerous CTE programs fall into the Realistic Pathway. Each institution offers different CTE programs from Automotive, Aviation, Construction, Cosmetology, Drafting to Surveying, Telecommunications, and Transportation. Ask your high school advisor about the CTE programs available to you. CTE programs often have specialized math classes. Contact a college advisor (see next page) about the right math class for a Realistic pathway.

+BIOL 1010 is on hiatus from USU. Please contact the USU CE Director if interested in offering this course.

Additional Questions to Ask an Advisor

When meeting with a campus academic advisor, remember to ask:

1. How will the CE class(es) I am interested in help me meet high school and college graduation requirements? Also, how will ALL the credit I earn while still in high school – CE, early college, IB, and AP – meet graduation requirements?
2. How will the CE credits I earn from one college transfer to other colleges?
3. How will the CE credits I earn create a permanent college transcript and impact financial aid options in college?

Concurrent Enrollment Academic Advisors at Utah's Public Colleges and Universities

Institution	Academic Advisor(s)	Email	Phone	Website
University of Utah	Jason Atherton	jatherton@advising.utah.edu	801-581-8146	NOTE: The U works solely with Academy of Engineering, Mathematics, & Science (AMES).
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	Melissa Thomas (Davis, Morgan, Ogden & Weber)	melissa.thomas@usu.edu	801-499-5120	
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	Lyndsay Carter (Clearfield, NUAMES, Roy, & Syracuse HSs)		801-626-8775	
	Lauren Mason (Layton HS)		801-626-8027	
	Julia Krey (Bonneville, Farmington, & Davis HSs)		801-626-8060	
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Snow College	Mike Daniels	mike.daniels@snow.edu	435-283-7320	snow.edu/ce/
	Petra Brittner (Daggett, Jordan, No. Summit, Rich, So. Summit, Tooele, Wasatch, Weber, American Heritage, East Hollywood, Itineris, Mana Academy, Merit Academy, Real Salt Lake Academy, Terra Academy, Utah Military Academy, Utah Virtual Academy, Vanguard Academy)	petra.brittner@snow.edu	512-525-9285	
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Salt Lake Community College	Lisa Molina (Cottonwood HS, Cyprus HS, Granger HS, Hunter HS, Kearns HS, Olympus HS, Skyline HS, American Preparatory Academy, West HS)	lisa.molina@slcc.edu	801-957-2125	slcc.edu/concurrentenrollment
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Concurrent Enrollment State Contacts

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