



Concurrent Enrollment: *Closing Equity Gaps*

Ed Insights
February 8, 2022

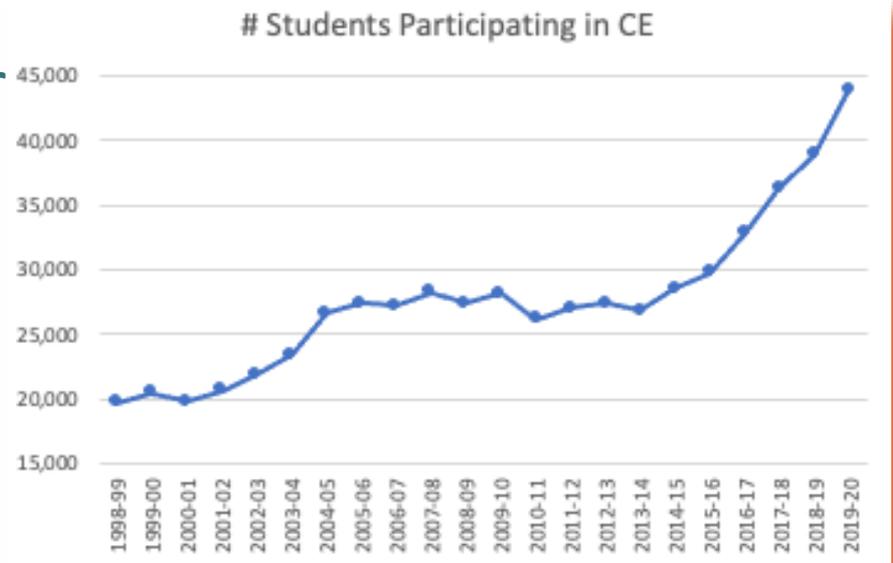
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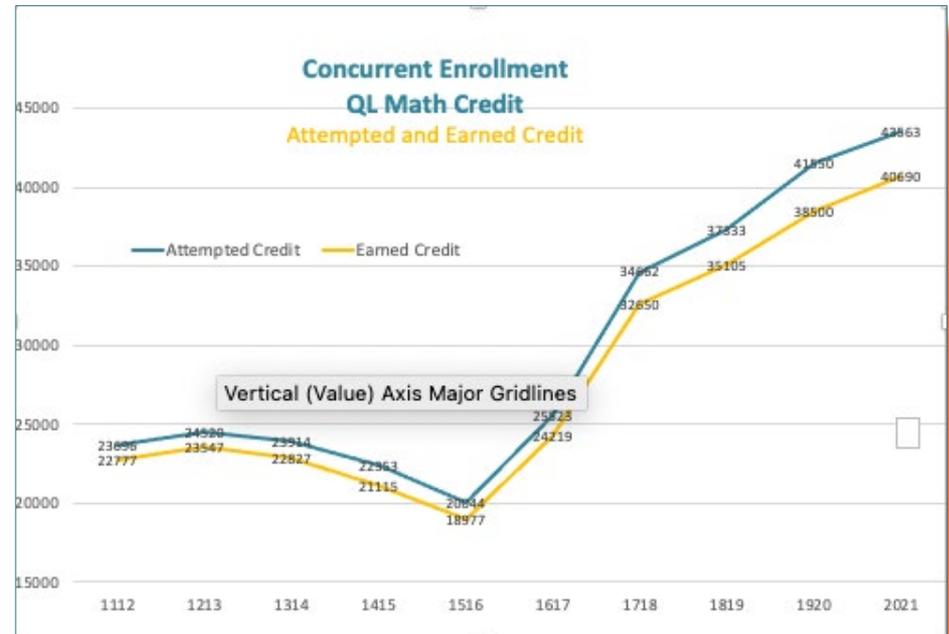
FY20-21 Snapshot

- 46,155 students/190 HSs/119,034 enrollments
- 341,224 earned semester credits
- 86% CE courses taught in the HS by public educator/adjunct
- Utah students and their families saved \$67.2M



SB196 Challenge/Sr Yr QL Math

- Increase # students earning QL Math before HS graduation (2015 General Session)
- Huge growth in QL earned credit since since FY15-16
- 40,700 earned credits means 12-13K students completed a college Math grad requirement before graduating HS



CE Equity Challenge

CE participating students are:

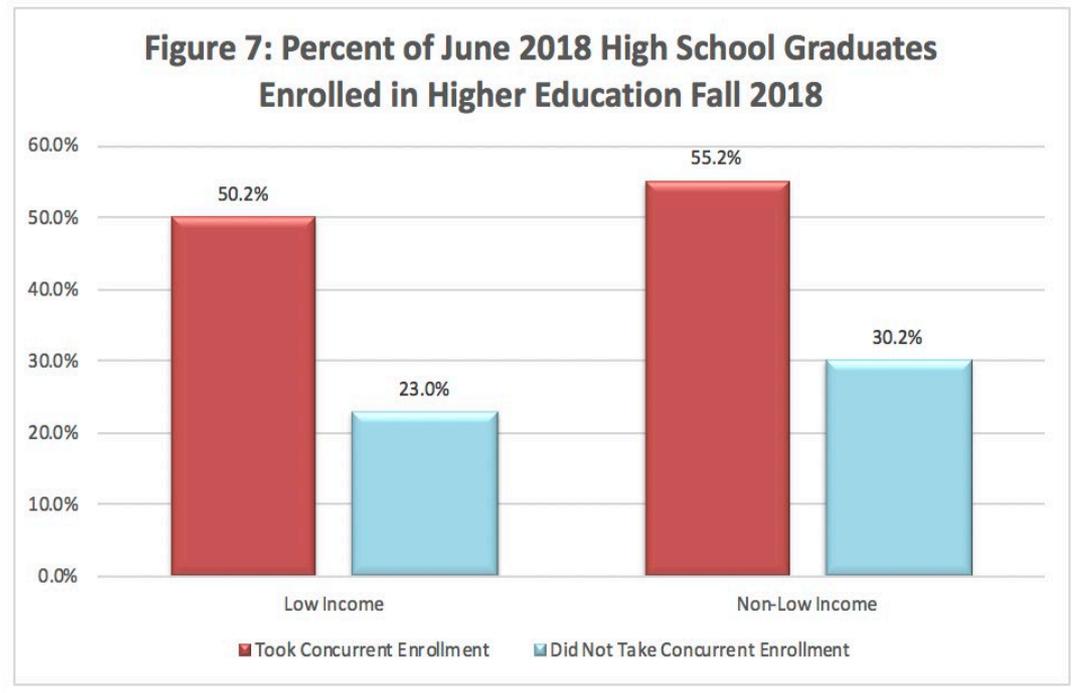
- 85% white v. 75% white HS population
- 18-19% low-income v. 31-32% HS participation in FRL

Percentage of Students who Coded as NSLPS who Attempted Credits through CE for the First time at Each Institution by Year / 2019 FRL by USHE Service Area

Inst	2016	2017	2018	2019	2019
USU	21%	22%	20%	21%	43%
WSU	16%	16%	17%	15%	28%
SUU	23%	26%	25%	24%	44%
SNOW	28%	34%	31%	27%	50%
DSU	18%	23%	23%	24%	39%
UVU	17%	16%	15%	15%	25%
SLCC	20%	19%	19%	22%	42%
Grand Total	19%	19%	18%	19%	

Impact on Low-Income Participation in CE

- Low-income students who participate in CE subsequently enroll in college in greater numbers.





CE Equity Challenge

Use multiple efforts to close gaps:

- Partner
- CCR curriculum
- Data Mining Pilot
- Opportunity Scholarship



CE Equity Challenge

Partnerships

- IHEs – Add info to CE web pages on benefits of CE and college, messaging for students AND parents in English and Spanish.
- LEAs – Provide college advising info for HS counselors who screen students. Take feedback. Retool.
- College Access Groups – UACEP sponsored Gear Up webinar, need more.

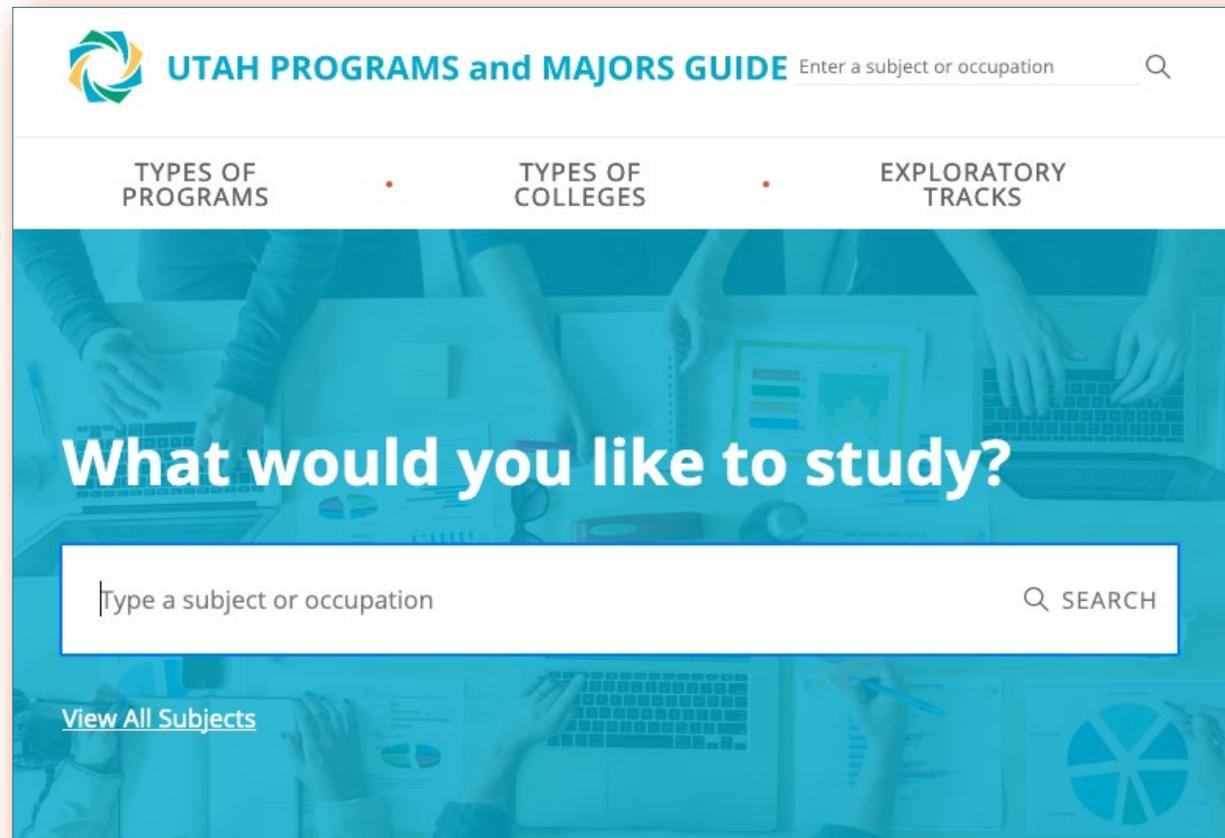
Advising

- Roughly 2/3 of CE students start college with transfer credit – USHE pathways help w/ class selection.

General Education Categories	General Education Classes	Institutions Offering CE Class												
Composition (6 credits*)	ENGL 1010 (3 credits) Intro to Writing	USU	WSU	SUU	Snow	DSU	UVU	SLCC						
	ENGL 2010 (3 credits) Intermediate Writing			SUU	Snow	DSU	UVU	SLCC						
Quantitative Literacy (3 credits) <i>Select ONE of these classes See QL Legend, next page</i>	MATH 1030 (3 credits) Quantitative Reasoning (non-graduate preparation)	USU	WSU	SUU	Snow		UVU	SLCC						
	MATH 1040/STAT Statistics	Exploratory Pathway												
American Institutions (3 credits) <i>Select ONE of these classes</i>	HIST 1700 (3 credits) American Civilization	CONVENTIONAL "Organizers"				BA/BSAD/BUSN/MGMT 1010 / BUS 1050 (3 credits) Foundtns of Business/Intro to Bus/Bus Principles	SS	USU	WSU	SUU	1		UVU	SLCC
	ECON 1740/ECN Economic History of the US	Recommended QL: MATH 1050				BUS/BUSN/FIN various numbers (3 credits) Personal Finance	SS	1		SUU	Snow	1	UVU	SLCC
Fine Arts <i>Select ONE of these classes</i>	ART 1010 (3 credits) Intro to Visual Arts	ENTERPRISING "Persuaders"				COMM/CMST 1020 (3 credits) Public Speaking	H	USU			Snow		UVU	SLCC
	MUSC 1010 (3 credits) Intro to Music	Recommended QL: MATH 1040				COMM/CMST 2110 (3 credits) Interpersonal Communication	H	USU	WSU		Snow	2	UVU	
..	THEA 1013 (3 credits) Intro to Theater/Exploring Theater	SOCIAL "Helpers"				ENTR 1002/DMT 1930/MGMT 2600 or 1250/CTEL 1010 (3 credits) Leadership Principles / Entrepreneurship			WSU		Snow	DSU	UVU	SLCC
	HU/HUM/HUMAN (3 credits) Intro to the Humanities	Recommended QL: MATH 1040				MKTG 2550/1030; PS 1303 (3 credits) Marketing Essentials/Intro to Marketing/Sales Channels			WSU		DSU		SLCC	
..						CHE/FCHD/FCS/FHS/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/TEAL 1010/EDUC 2000 (3 credits) Intro to Education/Exploring Education		USU	WSU	SUU		DSU		SLCC
						NUTR/NFS/HLTH 1020 (3 credits) Intro to Nutrition	LS		WSU	SUU		DSU	1	1
..						POLS 1100 (3 credits) American Government	AI	USU	WSU	SUU	Snow	DSU	UVU	SLCC
						PSY 1010 (3 credits) Intro to Psychology	SS	USU	WSU	SUU	Snow	DSU	UVU	SLCC

Advising

- USHE Pathways connect to the Programs and Majors Guide.



The screenshot displays the homepage of the UTAH PROGRAMS and MAJORS GUIDE. At the top left is a logo consisting of a stylized green and blue circular pattern. To its right, the text "UTAH PROGRAMS and MAJORS GUIDE" is displayed in a bold, blue font. Further right is a search bar with the placeholder text "Enter a subject or occupation" and a magnifying glass icon. Below the header, there are three navigation tabs: "TYPES OF PROGRAMS", "TYPES OF COLLEGES", and "EXPLORATORY TRACKS", each with a small red dot indicating the current page. The main content area features a large, semi-transparent blue overlay with the text "What would you like to study?" in white. Below this text is a search bar with the placeholder "Type a subject or occupation" and a "SEARCH" button with a magnifying glass icon. At the bottom left of the overlay, there is a link that says "View All Subjects". The background of the entire page is a light blue image showing hands working on laptops and documents.

Advising

- CE QL Math advising

FY21-22 Concurrent Enrollment (CE) Quantitative Literacy (QL) Math Advisement Document For Counselors and Teachers

MATH III REQUIRED. Students must complete Secondary Math I, II, and III to qualify to take any concurrent enrollment Math course. For CE Math, students may not opt out of Secondary Math III: the Utah System of Higher Education (USHE) adopted system-wide recommendations that students complete the three-course Secondary Math sequence to be ready for college level Math courses (see <https://ushe.edu/high-school-math-critical-to-completion/>).

"C" AVERAGE IN HIGH SCHOOL MATH COURSES. Students may enroll in CE Math courses by completing Secondary Math I, II, and III with an average grade of "C" or better in each class. Ex: if a student earns four term grades of B, B, C-, and B, the average is a B-. *Students who do not have a C or better grade in all three Secondary Math classes have options for certain CE QL Math courses:*

CE MATH	Effective FY18-19
MATH 1010*	Students must complete Secondary Math I, II, and III with a "C" or better course grade in each class. Students who do not have a "C" average grade in all three courses may be allowed to enroll based on an ACT Math or placement test score.
MATH 1030	
MATH/STAT 1040	Students must have both the "C" average grades in Secondary Math I, II, and III AND meet the ACT Math or placement test score** required by the institution offering the course.
MATH 1050	

*MATH 1010 does not fulfill the QL requirement.

MATH QUANTITATIVE LITERACY (QL) OPTIONS. Different college majors require different QLs. For guidance in selecting a Math QL, students should speak with an advisor at the institution they plan to attend after graduation.

QL Course	Description	Appropriate for study in:
MATH 1030 Intro to Quantitative Reasoning	This course covers mathematical topics that apply to real-world problems. Topics include reasoning and number sense, using percents and estimations, math for finance matters such as loans and investments, probability and statistics, and modeling. <i>MATH 1030 may be the last Math class students take in college.</i>	<ul style="list-style-type: none"> • English / Languages • Fine Arts • Humanities • Performing Arts
MATH 1040/STAT 1040 Intro to Statistics	This course includes collection, organization, analysis, interpretation and presentation of data. Topics include sampling design, descriptive statistics, linear regression and correlation, probability, sampling distributions, hypothesis testing, and confidence intervals. <i>MATH 1040 may be the last Math class students take in college.</i>	<ul style="list-style-type: none"> • History • Nursing • Psychology • Social Sciences
MATH 1050 College Algebra	This course provides exploration of algebra to prepare students for Calculus or further math courses. Topics include polynomial, rational, exponential, and logarithmic functions; systems of equations; matrices and determinants; partial fraction decomposition; conics; and sequences and series. <i>MATH 1050 is the first Math class students will likely take in a math-intensive college major.</i>	<ul style="list-style-type: none"> • Business • Biological & Physical Sciences • Engineering

COMMON QUESTIONS ABOUT QL MATH.

1. **A counselor is not sure which QL to recommend.** Start with what students hope to study in college OR what they are pretty sure they don't want to study. Use the Major pathways to talk about QL choices. STEM and Business fields require

STUDENTS: When you complete Secondary Math III, we encourage you to take a **Quantitative Literacy (QL)** course that best fits your major. This course may meet the QL requirement to earn a degree from a Utah public college or university.

MATH 1030

Take Intro to Quantitative Reasoning if you want to major in:

English / Languages • Fine Arts • Humanities • Performing Arts

Covers real-world problems and helps consumers make good decisions.

STAT 1040

Take Statistics if you want to major in:

History • Nursing • Psychology • Social Sciences

Covers descriptive and statistical methods used to understand data.

MATH 1050

Take College Algebra if you want to major in:

Business • Biological & Physical Sciences • Engineering • Mathematics

Covers exploration of algebra topics including functions and equations.

**Which Concurrent Enrollment
Math Course is Right for You?**

**If you still aren't sure which
one is right for you, talk to
your school counselor for
more information!**

Utah State Board of Education, 2020



CE Equity Challenge

NEW College and Career Ready Curriculum (FY22-23)

- 10030013010 College and Career Readiness
 - *designed to empower students to answer the question, “What do I do after high school?” To engage students in preparing for a smooth transition between high school and post-secondary education/career experiences.*
- Five USHE institutions submitted courses to align:
 - SLCC EDUC 1020 *Intro to Higher Education*
 - Snow GNST 1004 *College Preparation and Survival*
 - USU USU 1045 *Habits of Mind: Life, College & Career Readiness*
 - UU UGS 1001 *College On-Ramp Class*
 - UVU SLSS 1010R *Student Success Topics*



CE Equity Challenge

Data Mining Pilot (FY22-23)

- USHE IHEs partner with 1-3 HSs to
 - document the gaps in CE participation for low-income students and Students of Color;
 - Use student data – lexile scores, attendance, etc. to identify eligible students who haven't self-selected CE
 - Recruit students into a CE class AND provide supports to ensure successful completion:
 - 1-on-1 teacher mentoring
 - Homework hall
 - Campus field trips
 - Pay application fee and/or CE tuition

CE Equity Challenge

- Opportunity Scholarship (2021) –
 - 3.3 GPA
 - Completion of the FAFSA
 - Enroll in three CE (or AP or IB) courses – 1 each Sci, Math, LA
- USHE institutions challenge: work with LEAs to ensure every high school has at least 1 CE Science, Math, and Language Arts course

USHE Language Arts, Science, and Mathematics_Coverage by District		Rural Districts										CUES	NUES		SEDC		SESC																									
FY1920 CE earned credit		USU	USU	USU	USU	USU	USU	USU	USU-E	USU-E	USU-E	USU-E	USU	WSU	WSU	WSU	WSU	SUU	SUU	SUU	Snow	Snow	Snow	Snow	Snow	Snow	Snow	DSU	DSU	UVU	UVU	UVU	UVU	UVU	UVU	UVU	SLCC	SLCC	SLCC	SLCC	SLCC	
Language Arts		Box Elder	Cache	Dagget	Duchesne	Logan	Rich	Uintah	Carbon	Emery	Grand	San Juan	Tooele	Davis	Morgan	Ogden	Weber	Beaver	Garfield	Iron	Juab	Millard	No. Sanpete	Piute	Sevier	So. Sanpete	Tintic	Wayne	Kane	Washington	Alpine	Nebo	No. Summit	Park City	Provo	So. Summit	Wasatch	Canyons	Granite	Jordan	Murray	Salt Lake
Language Arts		2	3	1	1	1	6	1	2	2	2	3	5	4	3	4	5	6	6	4	4	5	3	5	6	6	6	3	6	8	7	6	5	1	4	6	3	5	5	6	5	5
Mathematics		2	3	2	2	3	4	1	2	3	2	4	3	4	2	4	4	4	3	3	5	3	4	2	5	4	1	3	5	6	5	6	2	5	4	3	5	5	6	5	4	6
Science		2	3	0	2	2	4	1	5	3	2	3	8	4	1	1	4	7	3	8	5	8	3	2	5	7	2	4	3	19	11	11	4	4	8	4	6	9	11	10	3	8

Next Frontier

- Explore co-requisite ENGL 1010
 - #1 enrolling CE courses every year
 - ENGL 1010 is a general education graduation requirement for all degrees and many certificates
 - Support IHEs piloting ENGL courses for students not ready for Intro to College Writing.



CE Data and Resources

- Visit utahce.org for
 - USHE General Education Pathway doc
 - USHE Exploratory Tracks doc
 - CE QL Math Placement instruction docs
 - Contact information for USHE CE Directors and CE academic advisors
 - Legislative and annual reports

- Questions

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