Better Together: The Benefits of System-Level Alignment of Concurrent Enrollment and K-12 Programs.

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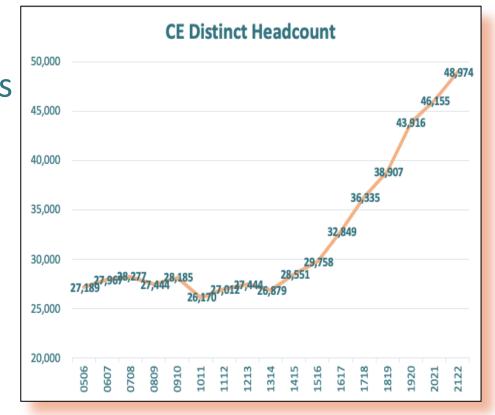
Legislative Intent

[Provide] an eligible student the opportunity to enroll in a course that allows the eligible student to earn credit concurrently: toward high school graduation; and at an institution of higher education.

- Utah Code 53E-10-302

FY21-22 Snapshot

- 48,974 students/202 HSs/126,686 enrollments
- 367,233 earned semester credits
- 76% CE courses fulfill GenEd requirements
- Utah students and families saved an estimated \$77.7M



Students/Eligibility

- Counted in the Average Daily Membership (ADM) of a public HS
- in grade 9, 10, 11, or 12;
- GPA, ACT score, or a placement score which predicts success (generally considered to be a "B" average or ACT score of 22 or higher);
- completion of prerequisites if any;
- appropriate placement score for courses such as MATH and WRTG;
- supportive letters of recommendation (optional);
- approval of high school and college officials; and
- have on file a completed USBE plan for college and career readiness (CCR).

CE Course Requirements

- introductory level (lower division) with a focus on highly transferrable credit
- may be GenEd, Career & TechEd, or pre-major course
- must assist students in earning post-secondary certificates or degrees
- only college courses that correspond to HS courses typically offered in grades 11 or 12
- are limited to English, mathematics, fine arts, humanities, science, social science, world languages, and career and technical education

Connect CE courses to college programs

- USHE resources help HS students further explore college options:
 - **CE Master List** "CEML" (utahce.org) listing of USHE-USBE course alignments approved for the state CE program
 - **CE Advising tools** (utahce.org) *USHE CE GenEd Pathway* help students pick GenEd courses. *USHE CE Exploratory Tracks* help students decide which QL Math class is best for their future college and career plans.
 - USHE Programs & Majors Guide (utahmajors.org) provides links to all certificate and degree programs offered by USHE's 16 institutions.
 - USHE Transfer Credit Guide (utahtransferguide.org) show how credits earned at one USHE institution count at other USHE institutions. (more on this resource in a sec...)

CEML Alignment Process

Only courses taken from the CEML for a given academic year shall be reimbursed from state concurrent enrollment funds.

- Institution submits curriculum details to "propose" a new CE course or realign an existing CE course
- Faculty also compare USHE scope of instruction/learning outcomes to USBE
- USBE curriculum specialists evaluates for 80-90% alignment in scope approve, deny or defer decision
- Annual CEML deadline: November 15
- Next year's CEML published end of December

CEML Alignment Process/Online Proposals

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CEML Alignment Process/Online Proposals

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POWERED BY TINYMCE

How does college/university class meet this requirement?

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2.1: Students learn about the chemical properties of carbon, oxygen, hydrogen and nitrogen and that they are so abundant in living organisms because they the most abundant atoms in biological molecules such as carbohydrates, lipids, proteins and nucleic acids. Enzymes and their use in metabolic reactions are discussed.

2.2: Students learn about the parts of the cell and what function they serve. They learn about the Endosymbiotic Theory. They also learn about the role of mitochondria in cellular respiration in both animals and plants and the role of chloroplasts in photosynthesis.

2.3: Cellular respiration and photosynthesis are used to describe complex biochemical pathways in which certain reactions produce products that are used as reactants in other reactions. We also learn why we inhale oxygen and exhale carbon dioxide and how plants take in carbon dioxide and release oxygen during photosynthesis as well as the role of sunlight to supply energy for photosynthesis.

2.4: Students learn about osmosis and tonicity in BIOL 1010 but only do experiments to demonstrate it in BIOL 1015.

2.5: Students learn the major events of mitosis and meiosis and how these types of cell division contribute towards the growth and well-being of multicellular organisms.

2.6: Homeostasis is discussed and examples such as the impact of insulin are used, but overall organ system functions are not discussed.

2.7 Homeostasis and that feedback mechanisms maintain stability in organisms is taught in lecture but students do not carry out an investigation. aught in BIOL 1010

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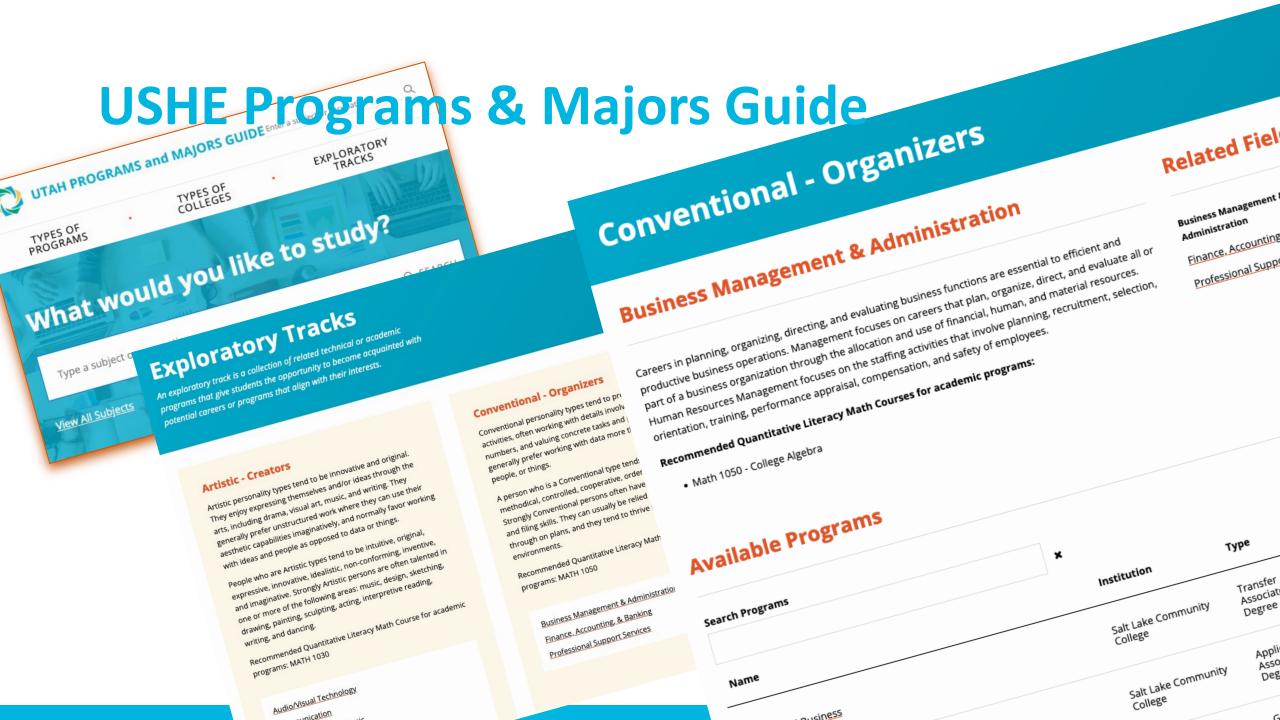
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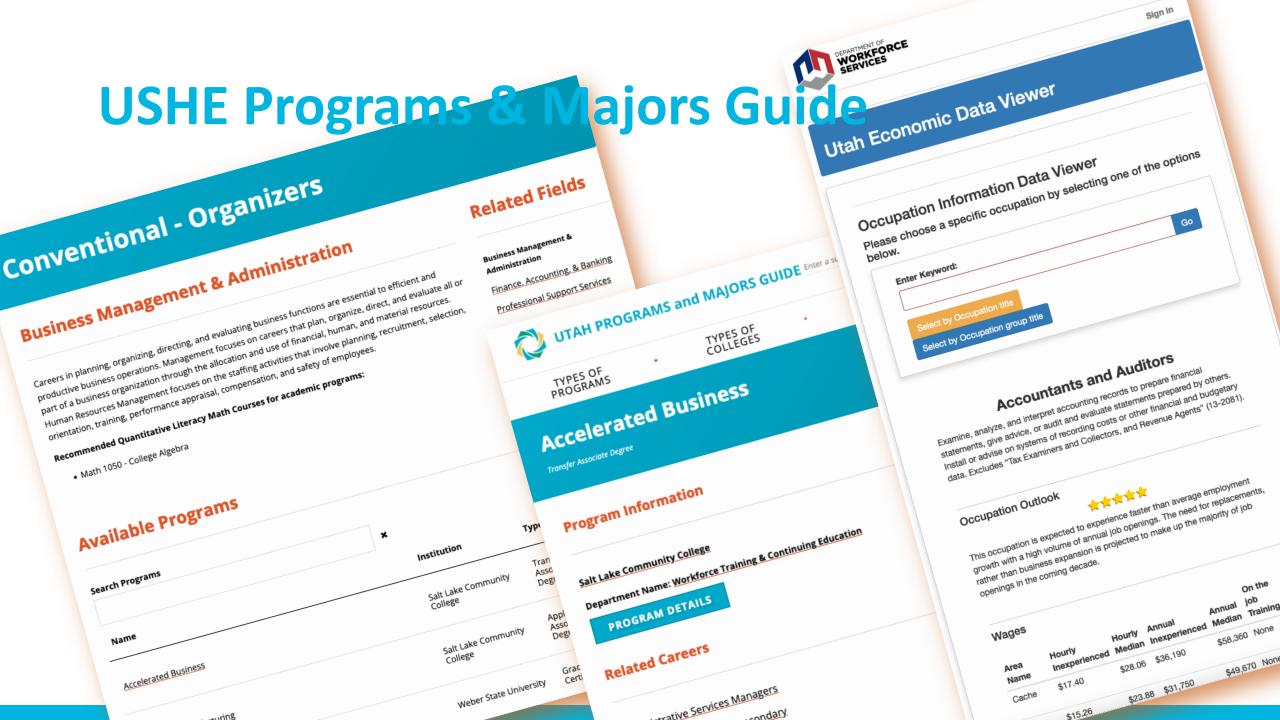
CE Options for High School Graduation Requirements **CE GenEd Navigator:** ENGL 1010 Students earn LA 11/12 CE credit) ENGL 2010 Intermediate Writing (prereq: ENGL 101 HS Graduation Requirements COMM 1010 Elements of Effective Communication **IHE Edition** OARD OF Language Arts 9 Language Arts 11 or Applied & Advanced Language Arts 10 COMM 1020 Principles of Public Speaking HUMA 1100 Intro to the Humanities SLCC's General Education (GE) program provides the subject-area knowledge and learning skills foundation for 2- and 4-year degrees. Core and Institutional courses make up the general education foundation. Breadth/Distribution courses give an opportunity to explore General Education Navigator/Academic Year 2023-24 SLCC's General Education (GE) program provides the subject-area knowledge and learning skills foundation for 2- and 4-year degrees. Core and Institutional courses make up the general education foundation. Breadth/Distribution courses give an opportunity to explore various subjects. General education courses are highly advisable for concurrent enrollment students: they are required for college Language Arts 12 or Applied & Advanced Core and Institutional courses make up the general education foundation. Breadth/Distribution courses give an opportunity to extra various subjects. General education courses are highly advisable for concurrent enrollment students; they are required for college advisable for advisable for and transferable from one Utah System of Higher Education (USHE) institution to another. Students correleting all GE Language Arts Various subjects. General education courses are highly advisable for concurrent enrollment students; they are required for college gaduation and transferable from one Utah System of Higher Education (USHE) institution to another. Students completing all GE requirements – 5 concurrent enrollment classes each junior and senior year plus register separately for a 1 credit Wellness class – 6 MATH 1030 Quantitative Reasoning (for non-sci Graduation and transferable from one Utah System of Higher Education (USHE) institution to another. Students completing all GE requirements – 5 concurrent enrollment classes each junior and senior year plus register separately for a 1 credit Wellness class – earny in General Studies that is transferrable to all USHE institutions (you may have to complete unique institution graduation requirements only). (4.0 HS units) requirements - 5 concurrent enrollment classes each junior and senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit Wellness class - earn a senior year plus register separately for a 1 credit wellness class - earn a senior year plus register separately for a 1 credit wellness class - earn a senior year plus register separately for a 1 credit wellness class - earn a senior year plus register separately for a 1 credit wellness class - earn a senior year plus register separately for a 1 credit wellness class - earn a senior year plus register separately for a 1 credit wellness class - earn a senior year plus register separately for a 1 credit wellness class - earn a senior year plus register separately for a 1 credit wellness class - earn a senior year plus register separately for a 1 credit wellness class - earn a senior year plus register separately for a 1 credit wellness class - earn a senior MATH 1040 Intro to Statistics Secondary Math 1 Review the class list below with parents and counselors. Follow the instructions, in blue, to select classes in each GE category. Speak with experts about GE choices. 1. Ask a HS counselor which GE classes are available at your school including all options (ex. AP). 2. Ask a SLCC academic advisor (http://www.slcc.edu/concurrenterroliment/Students/advising-ce-advisors.html) how your course choices fit different certificate and degree programs. MATH 1050 College Algebra Secondary Math 2 Review the class list below with parents and counselors. Follow the instructions, in blue, to select classes in each GE category. Speak with experts about GE choices. 1. Ask a HS counselor which GE classes are available at your school including all options (ex. Speak with experts about GE choices. 1. Ask a HS counselor which GE classes are available at your school including all options (ex. AP). 2. Ask a SLCC advisor (http://www.slcc.edu/concurrentenroi/ment/Students/advising-ce-advisors.html) how your course choices fit different certificate and degree programs. Are you readv to be a Bruin? Let's get started. MATH 1060 Trigonometry Secondary Math 3 MATH 1210 Calculus I GEOG 1300 Regional Geography HIST 1700 American Civilization (year-lot Mathematics Senior Math Option (3.0 HS units) POLS 1100 US Government & Politics ANTH 1010 Culture & Human Experience American/World Civilization (1.0) ECON 1010 Economics as a Social Sci Credits Required for SLCC GE SLCC Concurrent Enrollment Courses Intermediate Writing (EN) (prereg: ENGL 1010) Are you ready to be a Bruin? Let's get started. ECON 1740 US Economic History Quantitative Reasoning (for non-science majors) US History (1.0) US National Government (1.0) ETHS 2400 Intro to Ethnic Studies 2 GEOG 1000 Physical Geography Intro to Statistics PSY 1010 General Psychology 3. (6 credits with a grade of C- or better) MATH 1030 College Algebra SOC 1010 Intro to Sociology MATH 1040 Social Studies Social Studies Elective (0.5) Trigonomet SOC 1020 Social Problems MATH 1050 US Economic History (3.0 HS units) BIOL 1010/15 Intro to Biology/Lab Quantitative Literacy 3-5 credits with a grade of C- or better) MATH 1060 MATH 1210 American Civilization BIOL 1610/15 College Biology ILa 3 US Government & Politics Elements of Effective Communication ECON 1740 3 HIST 1700 Principles of Public Speaking BIOL 1010 Intro to Biology American Institutions POLS 1100 viect ONE of these Culture & Human Experience COMM 1010 Foundation Science BIOL 1400/05 Environmental Si (3 credits) Se Biotech: Engineering for Life COMM 1020 CHEM 1010 Intro to Chemist Foundation Science Core 3 Communication (3 credits) ANTH 1010 Regional Geography GEO 1010 Intro to Geology BTEC 1000 GEOG 1700 Natural Disaste 3 International/Global (3 credits) Foundation Science or Applied & Advanced GEOG 1300 PHYS 1010 Elementary Pi 3 Intro to Drawing (non-majors) Exploring Art Institutional ect ONE of these courses PHYS 1040 Elementary A History and Art of Lettering (Calligraphy) Science Intro to Photography (3.0 HS units) from at ART 1010 Lifelong Wellness (1 credit) 3 ART 1010 Exploring Ar least two quadrants ART 1020 3 ART 1020 Intro to Dra Photoshop & Digital Media ART 1050 3 ART 1060 History and ART 1060 Intro to Fashion Intro to Interior Design ART 1080 MUSC 1010 Intro to M FASH 1010 US Music and Culture (DV)* Intro to Music MUSC 1010 Inne MUSC 1040 US Musi MUSC 1040 Survey Visual Art Fine Arts (3.4 credits) INTD 1010 MUSC 1010

CE Exploratory Tracks



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CE Students Transfer CE credits

- 2/3 of CE students graduate HS, then attend a different college or university then the one where they earned CE credit.
 - 75% of CE earned credit is GenEd required for all 2- and 4-year degrees.
 - CEML process ensures highly transferrable courses are approved for CE.

Take your credits with

your college transfer

you. Start planning

today

Get Started Common Questions

- The USHE advising tools list select GenEd courses:
 - offered by the majority of institutions; and
 - that transfer as equivalent credit UtahTransferGuide at all 8 degree-granting institutions.

Questions & Suggestions

- Advising resources are found at utahce.org
- Email <u>cgrua@ushe.edu</u> for policy, CE Handbook, a delimited copy of the 23-24 CEML, advising docs.