

Current Core Courses Meeting the Criteria for Graduation Requirements

Language Arts - 4.0 Credits

Three Courses from the Foundational plus one course from the Applied and Advanced List

Foundational Courses

English 9 or 9H (required)

English 10 or 10H (required)

English 11, 11H, or courses listed below:

Concurrent Enrollment Courses**

International Baccalaureate Classes**

AP Literature and Composition**

AP Language and Composition**

** These courses can also be used for the one credit in Applied and Advanced.

Applied and Advanced Courses

12th Grade Language Arts

Business Communication

Creative Writing 1 and 2

Debate 2 and 3

Humanities

Journalism 1 and 2

Literary Magazine

Mythology

Speech 2

Technical & Professional Communication

World Languages 3, 4, or AP

School-Sponsored Verbal Communication Credit up to .5

NOTE: *Concurrent enrollment courses offered from college/university language arts, mathematics, or science departments.

NOTE: Teachers currently meeting state license and endorsement requirements for an approved applied or advanced course are qualified to teach that course

For more information about course cactus numbers, please contact Cathy Gray at cathy.gray@schools.utah.gov.

Current Core Courses Meeting the Criteria for Graduation Requirements

Mathematics – 3.0 Credits

Secondary I, II, and III. Secondary III can be replaced by an Applied Course with written parent request (opt out form recognizing not being prepared for college).

Foundational Courses

Secondary I or Secondary IE

Secondary II or Secondary IIE

Secondary III or Secondary IIIE

Advanced Courses (Secondary III Pre-requisite)

AP Calculus AB or BC

AP Statistics

College Prep Math

Introductory Calculus

Concurrent Enrollment* 1010, 1030, 1040, 1050, or 1060

International Baccalaureate

Applied Courses (Alternative Selections for Secondary III Opt out) (Secondary II Prerequisite)

Accounting I and II

Computer Programming

Introductory Statistics/Intro to Data Science

Mathematical Decision Making for Life (non-CE course)

Mathematics of Personal Finance Medical Math

Modern Mathematics

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Current Core Courses Meeting the Criteria for Graduation Requirements

Science – 3.0 Credits

A total of two courses from two of the five areas of science on the Foundational Courses list plus one credit from the Foundation Courses list or Applied and Advanced Courses list

Foundational Courses

Biology

- Biology
- Biology: Agricultural Science⁺
- AP or IB Biology
- Biology with Lab CE SEEd*

Chemistry

- Chemistry
- AP or IB Chemistry
- Chemistry with Lab CE SEEd*

Computer Science

- AP Computer Science⁺
- Computer Science Principles^{***}
- Computer Science Advanced^{***}

Applied or Advanced Courses

Agricultural Biotechnology⁺
Agricultural Science⁺ I, II, III, IV Aquaculture⁺
Animal Science⁺ I or II
Astronomy^{**}
Biotechnology⁺
Biology Elective CE No SEEd*
Botany
Chemistry Elective CE No SEEd*
Electronics⁺ 1,2,3
Engineering Principles⁺ 1, 2
Engineering Capstone⁺
Environmental Science^{**}
Equine Science⁺
Genetics^{**}

Earth Science

- Earth and Space Science
- AP Environmental Science
- IB Environmental Systems

Physics

- Physics
- AP or IB Physics
- Physics with Lab CE SEEd

Geology^{**}
Human Anatomy^{**}
Marine Science
Materials Science⁺
Medical Anatomy and Physiology^{***}
Medical Forensics⁺
Meteorology^{**}
Natural Resource Science⁺ I, II
Physics Elective CE No SEEd*
Plant and Soil Science⁺ I^{**}, II
Robotics⁺ 1, 2
Veterinary Assistant⁺ 1, 2
Wildlife Biology
Zoology

⁺ CTE Courses

^{**} Includes CE and/or AP Courses

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Current Core Courses Meeting the Criteria for Graduation Requirements

Social Studies – 3.0 Credits

2.5 from the required course list (or their equivalent) and .5 elective from any course from the social studies area, which could include an additional half credit added to any of the required half-credit courses.

Foundational Courses

World History

- World Civilization
- World History
- AP European history
- AP World History
- HIST 1100 & 1110 CE* (if both taken)

World Geography

- Geography for Life
- World Geography
- AP Human Geography
- World/Cultural Geography CE*

U.S. History 2

- U.S. History 2
- AP US History
- HIST 1700 CE* (if offered in a full year)
- HIST 2700 & 2710 CE* (if both taken)

U.S. Government and Citizenship

- U. S. Government and Citizenship
- AP US Government & Politics
- Political Science 1100 CE*

Applied or Advanced Courses (not a comprehensive list)

Advanced Geography
Advanced Psychology
American Government and Law Anthropology
Psychology
AP Economics-Macro
AP Economics-Micro
AP Psychology
Civics
Criminal Justice
Current Issues
Economics
Economics Elective CE*

Geography II
Introduction to Philosophy
Introduction to Philosophy CE*
Native American Studies
Navajo Culture, Language, and Government
Political Science
Political Science Elective CE*
Psychology
Sociology
Sociology CE*
Student Government
World Civilizations II

NOTE: *Concurrent enrollment courses offered from college/university language arts, mathematics, or science departments.

NOTE: Teachers currently meeting state license and endorsement requirements for an approved applied or advanced course are qualified to teach that course

For more information about course cactus numbers, please contact Cathy Gray at cathy.gray@schools.utah.gov.

Current Core Courses Meeting the Criteria for Graduation Requirements

Applied, advanced, or equivalent courses may be added to the list using the following procedure and criteria.

Language Arts

Determined by the local school board and approved by Utah State Board of Education (USBE), using the following criteria.

- (i) courses are within the field/discipline of language arts with a significant portion of instruction aligned to language arts content, principles, knowledge, and skills; and
- (ii) courses provide instruction that leads to student understanding of the nature and disposition of language arts; and
- (iii) courses apply the fundamental concepts and skills of language arts; and
- (iv) courses provide developmentally appropriate content; and
- (v) courses develop skills in reading, writing, listening, speaking, and presentation.

Mathematics

Determined by the local school board and approved by Utah State Board of Education (USBE), using the following criteria.

- (i) courses are within the field/discipline of mathematics with a significant portion of instruction aligned to mathematics content, principles, knowledge, and skills; and
- (ii) courses provide instruction that leads to student understanding of the nature and disposition of mathematics; and
- (iii) courses apply the fundamental concepts and skills of mathematics; and
- (iv) courses provide developmentally appropriate content; and
- (v) courses include the five process skills of mathematics: problem-solving, reasoning, communication, connections, and representation.

Science

Determined by the local school board and approved by Utah State Board of Education (USBE), using the following criteria.

- (i) courses are within the field/discipline of science with a significant portion of instruction aligned to science content, principles, knowledge, and skills; and
- (ii) courses provide instruction that leads to student understanding of the nature and disposition of science; and
- (iii) courses apply the fundamental concepts and skills of science; and
- (iv) courses provide developmentally appropriate content; and
- (v) courses include the areas of physical, natural, or applied sciences; and
- (vi) courses develop students' skills in scientific inquiry.

NOTE: *Concurrent enrollment courses offered from college/university language arts, mathematics, or science departments.

NOTE: Teachers currently meeting state license and endorsement requirements for an approved applied or advanced course are qualified to teach that course

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Current Core Courses Meeting the Criteria for Graduation Requirements

Social Studies

Determined by the local school board and approved by Utah State Board of Education (USBE), using the following criteria.

- (i) courses are within the field/disciplines of social studies with a significant portion of instruction aligned to social studies content, principles, knowledge, and skills; and
- (ii) courses provide instruction that leads to student understanding of the nature and disposition of social studies disciplines; and
- (iii) courses apply the fundamental concepts and skills of social studies; and
- (iv) courses provide developmentally appropriate content; and
- (v) courses develop students' skills in social studies inquiry.

NOTE: *Concurrent enrollment courses offered from college/university language arts, mathematics, or science departments.

NOTE: Teachers currently meeting state license and endorsement requirements for an approved applied or advanced course are qualified to teach that course

For more information about course cactus numbers, please contact Cathy Gray at cathy.gray@schools.utah.gov.