

Language Arts - Three Courses from the Foundations Plus one CREDIT from the Applied and Advanced List

Foundation Courses	Applied and Advanced 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**	12 th Grade Language Arts Basic Writing Skills Basic Reading Skills Business Communication College Prep Language Arts Creative Writing 1 and 2 Debate	Humanities Journalism 1 and 2 Literature Literary Magazine Technical & Professional Communication World Languages 3, 4, or AP

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

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).

Foundation Courses	Advanced Courses (Secondary III Pre-requisite)	Applied Courses (Alternative Selections for Secondary III Opt out) (Secondary II Pre-Requisite)
Secondary I or Secondary IH Secondary II or Secondary IIH Secondary III or Secondary IIIH Pre-calculus	AP Calculus AB or BC AP Statistics College Prep Math Introductory Calculus Concurrent Enrollment* 1010, 1030, 1040, 1050, or 1060 International Baccalaureate	Accounting I and II Mathematical Decision Making for Life (non-CE course) Mathematics of Personal Finance Medical Math Modern Mathematics Introductory Statistics Computer Programming

Science – A total of 2.0 credits from two of the five areas of science on the Foundation Courses list plus 1.0 credit from the Foundation Courses list or Applied and Advanced Courses list

Foundation Courses		
Biology <ul style="list-style-type: none"> Biology Human Biology (including CE) Biology: Agricultural Science & Technology⁺ AP or IB Biology Biology with Lab CE 	Chemistry <ul style="list-style-type: none"> Chemistry AP or IB Chemistry Chemistry with Lab CE Computer Science <ul style="list-style-type: none"> AP Computer Science⁺ Computer Science Principles⁺ Computer Programming⁺ II 	Earth Science <ul style="list-style-type: none"> Earth Science AP Environmental Science IB Environmental Systems Physics <ul style="list-style-type: none"> Physics Physics with Technology AP or IB Physics Physics with Lab CE
Applied or Advanced Courses		
Aerospace Aeronautics Agricultural Biotechnology ⁺ Agricultural Science ⁺ I, II, III, IV Aquaculture ⁺ Anatomy and Physiology** Animal Science ⁺ I or II Astronomy** Biotechnology ⁺ Botany Electronics ⁺ 1, 2, 3 Engineering Principles ⁺ 1, 2	Engineering Capstone ⁺ Environmental Science** Equine Science ⁺ Genetics** Geology** Human Physiology Marine Biology/Oceanography Material Science ⁺ Medical Anatomy and Physiology ⁺⁺⁺ Medical Forensics ⁺ Meteorology** Natural Resource Science ⁺ I, II	Plant and Soil Science ⁺ I**, II PLtW Digital Electronics ⁺ PLtW Principles of Engineering ⁺ Robotics ⁺ 1, 2 Veterinary Assistant ⁺ 1, 2 Wildlife Biology Zoology + CTE Courses ** Include Applied/Advanced CE Courses

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

Social Studies – A total of 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.

Foundation Courses

<p>World History</p> <ul style="list-style-type: none"> World Civilization World History AP European History AP World History HIST 1100 & 1110 CE* if both taken 	<p>World Geography</p> <ul style="list-style-type: none"> Geography for Life World Geography AP Human Geography World/Cultural Geography CE* 	<p>U.S. History 2</p> <ul style="list-style-type: none"> U.S. History 2 AP US History HIST 1700 CE*, if offered in a full year HIST 2710 CE* 	<p>U.S. Government and Citizenship</p> <ul style="list-style-type: none"> U. S. Government and Citizenship AP US Government & Politics Political Science 1100 CE
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Elective Courses (not a comprehensive list)

<p>Advanced Geography Advanced Psychology American Government and Law Anthropology Psychology AP Economics-Macro AP Economics-Micro</p>	<p>AP Psychology Civics Criminal Justice Current Issues Economics Economics Elective CE* Geography II Introduction to Philosophy Introduction to Philosophy CE* Native American Studies</p>	<p>Navajo Culture, Language, and Government Political Science Political Science Elective CE* Psychology Sociology Sociology CE* Student Government World Civilizations II</p>
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NOTE: *Concurrent enrollment courses offered from college/university language arts, mathematics, science, or social studies departments.

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

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.

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.