

AMES GRADUATION REQUIREMENTS

Students must earn a total of 27.5 Units of Credit

The following credits can be earned through the AMES curriculum. Credits may also be earned through accredited programs including higher education, independent study, Cottonwood High School, Electronic High School, U of U High School University Program or other accredited alternatives. *Discuss outside options with your counselor prior to enrolling in courses. (Note: Not all classes will be offered each year. Please check with the AMES Counseling Center.)*

Please Check AMES Course Catalog for Descriptions of AMES and U of U Courses.

Language Arts	4.0 Credits
Language Arts 9-12 (1.0 Credit each)	
AMES Elective Language Art Courses:	
English as Second Language (1.0 Credit)	
Creative Writing/Literary Magazine (1.0 Credit)	
Journalism (1.0 Credit)	
Introduction to Literature (0.5 Credit)	
Advanced Academic Writing (0.5 Credit)	
Modern Cultural Literature (0.5 Credit)	
U of U Writing 1010 (1.0 AMES Credit & 3.0 of U of U Credits)	
U of U Writing 2010 (1.0 AMES Credit & 3.0 of U of U Credits)	
U of U Honors College Humanities (2.0 AMES Credits & 6.0 of U of U Credits)	
Mathematics	4.0 Credits
Algebra I (1.0 Credit), Geometry (1.0 Credit), Algebra 2 (1.0 Credit), Pre-Calculus (1.0 Credit), AP Calculus (1.0 Credit)	
AMES Elective Math Course:	
Math Skills for Science (0.5 Credit)	
U of U Introduction to Quantitative Reasoning 1030 (1.0 AMES Credit & 3.0 U of U Credits)	
U of U College Algebra & Trigonometry 1050/1060 (2.0 AMES Credits & 6.0 U of U Credits)	
U of U Introduction to Statistical Inference 1070 (1.0 AMES Credit & 3.0 U of U Credits)	
U of U Calculus I & II 1210 & 1220 (2.67 AMES Credits & 8.0 U of U Credits)	
Science	4.0 Credits
Earth Systems (1.0 Credit), Honors Biology (1.0 Credit), Honors Chemistry (1.0 Credit), General Physics (1.0 Credit), Physics for Pre-Science Majors-Honor Physics (1.0 Credit)	
AMES Elective Science Courses:	
Astronomy (0.5 Credit)	
Geology (1.0 Credit),	
Science Fair/Research Methods (1.5 Credits)	
U of U General Chemistry I & II 1210 & 1220 (2.67 AMES Credits & 8.0 U of U Credits)	
U of U General Chemistry Lab I & II 1215 & 1225 (0.67 AMES Credit & 2.0 U of U Credits)	
U of U Physics for Scientists and Engineers I & II 2210 & 2220 (2.67 AMES Credits & 8.0 U of U Credits)	
Social Studies	3.5 Credits
AP Human Geography, AP European History, AP U.S. History (1.0 Credit Each)	
U.S. Government & Citizenship (0.5 Credit)	
AMES Elective Social Studies Course:	
AP Psychology (1.0 Credit)	
Computer Science	1.0 Credit
Computer Technology/Introduction to Information Technology (1.0 Credit)	
AMES Elective Computer Science Courses:	
Introduction to Computer Programming C++ (1.0 Credit)	
Introduction to Programming/Robotics (0.5 Credit)	
A+ Computer Certification (1.0 Credit)	
Multi-Media (1.0 Credit)	

<u>Fine Art</u>	1.5 Credits
Art Foundation (1.0 Credit), Multi-Media (1.0 Credit), AP Art History (1.0 Credit), Art Studio (1.0 Credit), Health/Humanities Core (0.5 Credit Health & 0.5 Credit Fine Arts)	
<u>World Language</u>	2.0 Credits
Spanish I, Spanish II, Arabic I, Arabic II, (and other World Languages through CHS such as Mandarin Chinese, Latin, French, and Advanced Spanish courses)	
<u>Applied Technology – Internship/Work-Based Learning</u>	1.0 Credit
Internship Seminar I & II (1.0 Credit)	
<u>Physical Education</u>	1.5 Credits
Individualized Lifetime Sports Activities (up to 1.5 Credits), Aikido (1.0 Credit)	
<u>Health Education</u>	0.5 Credit
Health/Humanities Core (0.5 Credit Health & 0.5 Fine Art Credit)	
<u>Senior Project</u>	1.0 Credit
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<u>Financial Literacy</u>	0.5 Credit
Credits may be earned through accredited programs including higher education, independent study, Cottonwood High School, Electronic High School, U of U High School University Program or other accredited alternatives.	
<u>Elective Credits</u>	3.0 Credits
AMES Electives: Chess Fundamentals (0.5 Credit) General Science: Science through Science Fiction (0.5 Credit) General Science: History & Technology of Animation (0.5 Science or Fine Art Credit)	

Credits can be earned from other AMES curriculum or from accredited programs such as: higher education, independent study, Cottonwood High School, Electronic High School, U of U High School University Program and other accredited alternatives approved by AMES Counselors.

Cottonwood Electives

The counseling center has a course catalog from Cottonwood that can be reviewed for further information on the courses listed below. This catalog also has additional elective courses that may be taken with the Cottonwood's Administration permission.

Cottonwood Courses Opened to AMES Students:

9th Grade: Concert Band, Introduction to Information Technology

10th Grade: Drivers Education 1st & 2nd Semester, Accounting (full year), Accounting I (semester), Word Processing (semester), Advertising & Promotion (semester), Web Page Design (semester), Fashion Merchandising (semester), Drafting (full year), Graphics (full year), Woodworking (full year), Visual Basic (full year), Introduction to Information Technology (full year), A+ Certification (full year), Network + (semester), Clothing (semester), Foods I (semester) Foods II (semester), Child Development (semester), Housing & Interior Design (semester), Life Management (semester), Debate 1-2 (full year), Debate 3-4 (full year), Theater (full year) Film Studies (semester), Drawing I (semester), Commercial Art (semester), 3D Design (semester), Design (semester), Concert Band (full year), Concert Orchestra (full year), Men's Choir (full year), Music Keyboard (full year), Guitar (semester), Dance 1-2 (full year), Dance 1 (semester), Fitness for Life (semester), Health (semester), Spanish for Native Speakers 1 (full year), Spanish for Native Speakers 2 (full year), Spanish 3 (full year), Spanish CC (full year), Spanish AP (full year)

11th & 12th Grade The above classes and the following classes: Financial Literacy (semester), Auto Mechanics (full year), Drawing 3-4 (full year), Drawing 5-6 (full year), Printmaking (full year), Oil Painting (semester), Watercolor (semester), Medical Terminology (full year), Dance 2 (full year), Dance 3 (full year)