



Montana College Preparatory Curriculum Program 2012 – 2013 Academic Year  
Bozeman High School ----- Last Updated April 1, 2013

<p><b>English: Minimum Core – 4 years.</b> In each year the content of the course should have an emphasis upon the development of written and oral communication skills and literature. <b>English: Rigorous Core – 4 years.</b> Recommendation: a designated college-prep composition or research writing course.</p>	<p><b>Social Studies: Minimum Core – 3 years.</b> The courses shall include Global Studies (such as World History or World Geography); American History; and Government, Economics, Indian History or other third year courses. <b>Social Studies: Rigorous Core – 3 years.</b> As above, with recommendation: one half year or more of other courses such as psychology, humanities.</p>
<p><u>Yearlong English courses including Composition Speech, and Literature:</u> English I, II, III, IV English I (GATE) AP English English II/ World Studies Combination English II/ AP European History Combination English III/ AP U.S. History Combination English III/ American History Combination</p> <p><i>Other English courses which must be combined in such a way that each year's combination includes Composition, Speech, and Literature:</i></p> <p><u>Composition:</u> Applied Writing College Prep Writing Creative Writing 21<sup>st</sup> Century Journalism</p> <p><u>Speech:</u> Speech I Speech and Debate II Intro to Debate</p> <p><u>Literature:</u> Academic Reading Contemporary Literature Science Fiction and Fantasy</p>	<p>Students must complete a full year of global studies such as World History or World Geography, a full year of American History, and an additional year in another social studies field such as economics, government, psychology, sociology, tribal government, or Indian Ed for All. (Per Joyce A. Scott, Deputy Commissioner Academic &amp; Student Affairs, April 2002.)</p> <p><u>Global Studies:</u> AP European History AP European History Combination Human Geography AP Human Geography World Geography World Geography (GATE) World History World Studies/English II Combination</p> <p><u>American History:</u> American History/English III Combination AP U.S. History AP U.S. History/English III Combination U.S. History</p> <p><u>Additional Social Studies Courses:</u> AP Microeconomics Psychology AP Psychology Economics Philosophy U.S. Government AP U.S. Government and Politics Native American Studies</p>

**Math: Minimum Core – 3 years.**

Courses shall include Algebra I, Geometry and Algebra II (or the sequential content equivalent of these courses). Students are encouraged to take a math course in their senior year. NOTE: In school systems where a student may take Algebra I in 8<sup>th</sup> Grade, the student still must complete 3 years of college preparatory math in High School. (Per Richard A. Crofts, Commissioner of Higher Education, 1995.)

**Math: Rigorous Core – 4 years.**

A course beyond Algebra II or beyond Integrated Math III (such as Trigonometry, PreCalculus, Calculus, Computer Math, Integrated Math IV).

**Science: Minimum Core – 2 years.**

Two years of laboratory science: One year must be earth science, biology, chemistry or physics. The other can be one of the courses listed below or another approved college preparatory lab science.

**Science: Rigorous Core – 3 years.**

One full year of general earth science, biology, and chemistry or physics.

Satisfies Minimum Core:

Algebra I, II  
Geometry

Satisfies Rigorous Core:

Advanced Math  
AP Calculus  
Statistics  
AP Statistics  
Pre-Calculus

Lab Science Courses:

Biology  
AP Biology  
Physics  
AP Physics  
Chemistry  
AP Chemistry  
Physical Science  
Physical Science (GATE)

Additional Science Courses:

Anatomy and Physiology  
Astronomy  
Biomedical Sciences I  
Geology  
Human Body Biomedical II  
Individual Problems in Science  
Science in the Environment  
Sustainable Systems  
Wildlife Biology

**Electives: Minimum Core – 2 years, chosen from the following.**

World Language (preferably 2 years); computer science, visual and performing arts, or vocational education units which meets the Office of Public Instruction (OPI) guidelines.

**Electives: Rigorous Core – 3 years, chosen from the following.**

Two years of second language, music, fine arts, speech and debate, career and technical education (such as information technology (IT) or computer science).

Career, Vocational and Technical Education:

Accounting  
Advanced Accounting  
Automated Accounting  
Advanced Woodworking  
Architectural Graphics  
Auto Mechanics I, II  
Biomedical Interventions  
Building Construction I, II  
Business Communication and Computer Applications  
Career Planning  
Child Development I  
Computer Aided Design II, III  
Computer Animation  
Culinary Arts I, II  
Digital Design  
Digital Electronics  
Digital Video Production  
Entrepreneurship  
Fashion Merchandising  
Financial Survival  
General Woodworking I, II  
Human Body Systems  
Independent Living  
Independent Study – Business  
Independent Study – Trades and Industry  
Introduction to Engineering Design  
Introduction to Interior Design  
Introduction to Metals  
Keyboarding  
Law and Justice  
Management  
Media and Marketing: Hawk Media  
Medical Interventions  
Marketing II  
Metal Fabrication  
Multimedia/ Web Design  
Occupational Child Care  
Personal Finance  
Principles of Biomedical Science  
Principles of Engineering  
ProStart  
School – to – Work  
Technology and Leadership  
Web Design  
Working Student

Music:

Concert Band  
Advanced Concert Band  
Advanced Women’s Choir  
AP Music Theory  
Chamber Choir  
Concert Choir  
Concert Orchestra  
Jazz Band I, II  
Jazz Choir  
Kamerata  
Percussion  
Symphony Band  
Symphony Orchestra  
Tenor/Bass Choir  
Varsity Choir

Fine Arts:

Art I, II  
AP Art  
Ceramics I, II  
Drawing I, II  
Fiction and Film  
Graphic Design I, II  
Humanities I, II  
Independent Studies – Art  
Intro to Dance I, II  
Marketing and Media: Hawk Media  
Metal Art/Jewelry I, II  
Painting I, II  
Photographic Imaging  
Sculpture  
Theater Production I, II

World Language:

French I, II, III, IV  
AP French  
German I, II, III, IV  
AP German  
Spanish I, II, III, IV  
AP Spanish  
Latin I, II  
Latin III/IV Prose  
Latin III/IV Poetry  
Foreign Language Practicum