



Montana
Office of Public Instruction
Denise Juneau, State Superintendent

PO Box 202501
Helena, MT 59620
(406) 444 – 3095
(888) 231 – 9393

<http://gems.opi.mt.gov/SitePages/SchoolInfo.aspx>

Montana College Preparatory Curriculum Program 2016 – 2017 Academic Year

Hellgate High School ----- Last Updated December 2, 2016

English: Minimum Core – 4 years.

In each year the content of the course should have an emphasis upon the development of written and oral communication skills and literature.

English: Rigorous Core – 4 years.

Recommendation: a designated college-prep composition or research writing course.

Social Studies: Minimum Core – 3 years.

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.

Social Studies: Rigorous Core – 3 years.

As above, with recommendation: one half year or more of other courses such as psychology, humanities.

Yearlong English courses including Composition Speech, and Literature:

English 1, 2, 3, 4
AP English 3, 4
Honors English 1
English 4/ U.S. Government and Political Economics
Honors English 2/ World History
IB Language A: English Literature Higher Level (2 year course, Grades 11 & 12)

Other English courses which must be combined in such a way that each year's combination includes Composition, Speech, and Literature:

Composition:

N/A

Speech:

N/A

Literature:

N/A

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 & Student Affairs, April 2002.)

Global Studies:

World Geography
World Geography Western Hemisphere
World Geography Eastern Hemisphere
Human Geography
World History
World History/ Honors English 2
World Issues Seminar
IB 20th Century Topics Higher Level (Grade 12) American

History:

U.S. History
AP U.S. History
IB History of the Americas Higher Level (Grade 11)

Additional Social Studies Courses:

AP Government
Montana: People and Issues
Native American Studies
Psychology
Sociology/Criminology
U.S. Government/Political Economics
U.S. Government and Political Economics/ English 4

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 8th 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 1, 2, 2H
Geometry
Honors Geometry

Satisfies Rigorous Core:

Honors Pre-Calculus
AP Calculus
AP Statistics
Functions, Statistics, and Trigonometry
IB Mathematical Studies, Standard Level (2 year course, Grades 11 & 12)
IB Mathematics, Standard Level (2 year course, Grades 11 & 12)

Lab Science Courses:

Biology 1, 2
Wildlife Biology
Chemistry 1, 2
Integrated Earth and Space Science
Physics 1, 2
IB Chemistry, Standard Level (2 year course, Grades 11 & 12)
IB Biology, Higher Level (2 year course, Grades 11 & 12)
IB Environmental Systems and Societies, Standard Level (1 year course, either grade 11 or grade 12)
IB Sports & Exercise Science, Standard Level (1 year course, either grade 11 or 12)

Additional Science Courses:

Science Advanced Problems

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:

Pre-Accounting
Accounting 1, 2
Agricultural Education 1, 2, 3, 4
Applied Technology 1, 2
Business Co-Op
Childhood Education 1, 2
Computer Concepts
Computer Word Processing 1, 2
Culinary Arts 1, 2, 3
Drafting 1, 2, 3, 4
Graphic Design
Health Care Foundations
Health Careers 2A, 2B
Housing and Living Environment
I.S. Business
I.S. Career and Technical Education
Marketing 1 – Introduction to Business
Metals 1, 2
Nutrition and Wellness
Prep for Career, Family and Community Connections
Power Tech 1, 2, 3A – Automotive
Street Law
Textiles and Apparel 1, 2
Video Production
Web Design
Welding 1, 2
Welding Design and Fabrication
Woods 1, 2, 3
21st Century Career Essentials
3D Modeling & Animation
Advanced Finance
Architecture Design
Applied Vet Science
Auto Tech 1
Building Trades 1 & 2
Design Project; Tech Drafting
Design Project; Auto CAD
Engineering Design
Engineering Foundations
Exploration of Auto Careers
Film 1 & 2
Intro to Business Econ
Intro to Mech. Systems
Intro to Photography
Intro to Tech Design
Personal Finance

Music:

Freshman Band
Intermediate Band
Advanced Band
Wind Band
Ensemble
Men's Choir
Mixed Choir
Orchestra – Intermediate, Advanced Women's
Choir 1, 2

Fine Arts and Speech & Debate:

Introduction to Art
Advanced Art
Ceramics
Creative Writing
Drama 1, 2, 3
Drawing
Graphic Illustration
I.S. Fine Art
Journalism 1, 2
Painting
Printmaking
Sculpture
Watercolor
Yearbook
IB Visual Arts, Standard Level
IB Visual Arts, Higher Level
IB Film, Standard Level IB
Film, Higher Level World

Language:

French 1, 2, 3, 4
German 1, 2, 3, 4
Spanish 1, 2, 3, 4
I.S. Foreign Language
I.S. French 5
I.S. German 5
I.S. Spanish 5
Latin 1, 2, 3
Mandarin Chinese
IB Spanish, Standard Level
IB Spanish, Higher Level
IB Spanish, Ab Initio
IB French, Standard Level
IB German, Ab Initio
IB Latin Classical Languages