Planning Your 4-Year Program

» Build a Solid Foundation
» Challenge yourself
» Showcase your strengths
» Try something new
Build a Solid Foundation: Core Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>English</td>
<td>4 years</td>
</tr>
<tr>
<td>Math</td>
<td>4 years</td>
</tr>
<tr>
<td>History</td>
<td>3 years</td>
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<tr>
<td>World Language</td>
<td>3 years</td>
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<tr>
<td>Science</td>
<td>3 years</td>
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<tr>
<td>Religion</td>
<td>4 courses</td>
</tr>
<tr>
<td>Art/Music/Acting</td>
<td>2 courses</td>
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</tbody>
</table>
English

4 years

- **Outsider in Literature—full year**
  - (9th grade and International 10th grade)
- **American Literature—full year**
  - (10th grade and International 11th grade)
- **Contemporary World Literature—semester 1**
  - 11th grade
- **Writing with Power—semester 1**
  - 12th grade
- **English Elective course—semester 2**
  - 11th and 12th grade years
English

Special Features:

• Upper Level Electives in Semester 2
  ➢ Open to strong 10th graders as an additional course
  ➢ American Literature 2 (Advanced)—Harlem Renaissance; Creative Writing (Advanced); 20th Century Literature 2—New York Stories; Research/Nonfiction 1—Schooled in Diversity (Gender); Contemporary Dramatic Literature 2—Film, History, and Culture; Nonfiction Writing 1—Literature of Food

• Independent Research Advanced
  ➢ Semester option for designing independent study under the supervision of a mentor in the field
Math

4 years

• Core foundation:
  » Algebra 1, Geometry, Algebra 2

• Building on strengths:
  » Precalculus or Functions
  » Calculus 1, Calculus 2
  » Linear Algebra & Multivariable Calculus
  » Statistics
  » Computer Science
Math

Special Features

• Computer Science (Advanced for experienced programmers or Regular)

• Introduction to Programming
  ➢ for the novice (no experience required)

• Mobile App Development

• Independent Research Advanced
  ➢ Semester option for designing independent study under the supervision of a mentor in the field
History

3 years

- Peace & Justice—full year--9th or 10th grade
- US History—full year--10th-12th grade
- Upper Level Electives--11th and 12th grade
  - From Hiroshima to 911 (Advanced and Regular), Microeconomics, Macroeconomics, Modern Africa (Advanced and Regular), Contemporary Affairs (Advanced), Latin American History 1 & Latin American History 2, Ancient World History 1 & Ancient World History 2
- Independent Research Advanced
  - Semester option for designing independent study under the supervision of a mentor in the field
World Languages

3 years—at least through 11\textsuperscript{th} grade

\textit{All languages offered at least through level 5}

- Chinese
- French
- Latin
- Spanish
World Languages

Special Features

- Immersion in the language on a daily basis
- Building toward fluency as a goal
- Cultural Immersion trips in each language
- Independent Research Advanced
  - Semester option for designing independent study under the supervision of a mentor in the field
Science

3 years—at least the core 3 sciences for a full credit:

Include 1 full credit in Physics, Chemistry and Biology

- Physics 1 & Chemistry 1 (9\textsuperscript{th} or 10\textsuperscript{th} grade)
- Biology 1 & Biology 2 (10\textsuperscript{th} or 11\textsuperscript{th} grade)
- Physics 2 & Chemistry 2 (11\textsuperscript{th} or 12\textsuperscript{th} grade)
Science Electives—Physical Sciences

Physics --semester courses
  • Electricity and Magnetism (Advanced)
  • Modern Physics (Advanced)
  • Astrophysics

Chemistry --semester courses
  • Chemical Reactions (Advanced)
  • Chemical Bonding and Equilibrium (Advanced)
  • Organic Chemistry (Advanced)
Science Electives—Life Sciences

**Biology** --semester courses
- Molecular Biology (Advanced)
- Human Anatomy & Physiology (Advanced)
- Biology of Disease

**Environmental Science** --semester courses
- Environmental Science 1 (Earth Science)
- Environmental Science 2 (Sustainability Science)
Science Electives

Research Advanced
  • Scientific Research (Advanced)—full year

Design Engineering
  • Design Engineering 1 & 2—semester
  • In math: Intro to Programming or Mobile App Development—semester
  • In math: Computer Science—full year
  • In Art: Digital Art 1 & 2—semester
Religion

4 required courses

- Quakerism
  - 9th grade and new 10th grade students full year

- Bible: Message & Meaning
  - 10th or 11th grade--semester

- World Religions
  - 10th-12th grade--semester

- Upper Level Electives—required to take one
  - Nonviolence & Social Change (Adv), Social & Environmental Justice (Adv), Business & Society (Adv), Liberation Theology, Religion & Science
Religion Electives

11th-12 grade --- semester courses

- Liberation Theology
- Religion & Science
- Nonviolence and Social Justice (Advanced)
- Environmental & Human Justice (Advanced)
- Business & Society (Advanced)
Arts

2 required courses

Studio Art:

- 2-D Art Foundation, 3-D Art Foundation,
- Drawing, Painting, Printmaking, Clay,
- Woodworking, Digital Art, Photography

Performing Arts:

- Choral Arts, Symphonic Band, String Orchestra, Jazz Ensemble, Intro to Guitar, Elements of Theater, Acting Workshop, Collaboration & the Creative Process, Collaboration for Social Change, Applied Music
Putting it all Together

How many classes can you take in a semester?

- Maximum = 6 classes per semester
- Minimum = 5 classes per semester

- 9th and 10th grade: typically 6 classes
- 11th and 12th grade: typically 5 if heavy with advanced courses
Creating a Balanced Program

How many advanced courses can you manage?

- Reflect your strengths
- Showcase courses that represent your intellectual passions
- Remember that each course is rigorous in its own right
- Thriving is the goal.... 1, 2 or 3 Advanced courses is a very challenging load
Creating a Balanced Program

Remember your program has many dimensions:

- Challenging Academic Courses
- Athletics, Dance or Co-curriculars daily
- Leadership Positions
- Service Projects
- Time for reflection and creativity
- Your own pursuits outside of school: Music Lessons? Youth groups?
Creating a Balanced Program

Consider your learning style

• English, History, Religion classes are reading and writing-intensive

• Math and Science classes, especially Physics and Chemistry, draw on the same skills

Do you need more daytime study halls?

• Take 5 credits or 5.5 credits
Deep Dive Designations

Three Distinct Programs:

- Leadership for Social Entrepreneurship
- Global Citizenship
- Leadership for Sustainability
Deep Dive Designations

“Be the change you want to see in the world.”

Ghandi

- Design YOUR OWN focus and connections
- Stand up as a leader
- Create Action-based projects
- Teach the community