



# Course Selection Guide

For Standard Enrollment Only - Ages 14-18

## What is Your Plan?

### My plan is to go to college or university

In this track, students are placed in courses that meet college/university requirements. Notable courses include 4 credits of math and 2 years of a second language. Students in this track typically graduate with 24 credits.

[View Path](#) >

### I am unsure of my plan

In this track, students are placed in courses that meet the minimum requirements for graduation, but are recommended to include important courses for college/university admission such as two credits of a second language.

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### My plan is to go into a career or military service

In this track, students are placed in courses that meet minimum graduation requirements so they can graduate and enter the workforce.

[View Path](#) >

*For all paths described, there is flexibility in course selection. Be sure to be in communication with your success coach as you select your courses.*

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## My plan is to go to college or university.

In this track, students can increase the competitive nature of their transcript by taking up to 24 credits. Many four-year universities and colleges will require students to have 4 credits of math and 2 years of a second language. Students can also take their transcript to the next level by taking higher level core classes as electives in later years.

### Overall Requirements

<i>Credit Types</i>	<i>Number of Credits Required</i> <i>Specific Course Requirements</i>
<b>English</b>	4 Credits Eng 9, Eng 10, Eng 11, Eng 12
<b>Math</b>	4 Credits Algebra 1, Geometry, Algebra 2, Pre-Calculus
<b>Science</b>	3 Credits 9th Grade Science, Biology, and Chemistry
<b>Social Studies</b>	3.5 Credits World Geog/Hist, U.S. Hist, U.S. Gov, Econ
<b>Electives</b>	6 Credits Including Fine Art and Health/Fitness
<b>2nd Language</b>	2 Credits
<b>Total</b>	22.5 (or up to 24) Credits

### Courses by Grade Level

#### 9th Grade

<b>English</b>	English 9
<b>Math</b>	Algebra 1
<b>Science</b>	Physical Science
<b>Social Studies</b>	World Geography or World History
<b>Elective 1</b>	Spanish 1, French 1 or ASL 1
<b>Elective 2</b>	Health & PE

#### 10th Grade

<b>English</b>	English 10
<b>Math</b>	Geometry <i>Prerequisite: Alg1</i>
<b>Science</b>	Biology
<b>Social Studies</b>	U.S. History
<b>Elective 1</b>	Spanish 2, French 2 or ASL 2
<b>Elective 2</b>	Art Appreciation, Music Appreciation, or Media Arts

#### 11th Grade

<b>English</b>	English 11
<b>Math</b>	Algebra 2 <i>Prerequisites: Alg1, Geom</i>
<b>Science</b>	Chemistry <i>Prerequisites: Bio, Alg 1</i>
<b>Social Studies</b>	U.S. Government
<b>Elective 1</b>	One elective of choice
<b>Elective 2</b>	One elective of choice

#### 12th Grade

<b>English</b>	English 12
<b>Math</b>	Pre-Calculus <i>Prerequisites: Alg1, Geom, Alg 2</i>
<b>Science</b>	Physics (optional) <i>Prerequisites: Bio, Chem, Alg 2 (Can be concurrent)</i>
<b>Social Studies</b>	Economics A or Full Economics
<b>Elective 1</b>	One elective of choice
<b>Elective 2</b>	One elective of choice

For all paths described, there is flexibility in course selection. Be sure to be in communication with your success coach as you select your courses.

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## I am unsure of my plan.

In this up to 22.5 credit track, students are placed in courses that meet the minimum requirements for graduation, but are recommended to include important courses for college/university admission such as two credits of a second language.

### Overall Requirements

<i>Credit Types</i>	<i>Number of Credits Required</i> <i>Specific Course Requirements</i>
<b>English</b>	4 Credits Eng 9, Eng 10, Eng 11, Eng 12
<b>Math</b>	3 Credits (Optional 4) Algebra 1, Geometry, Algebra 2
<b>Science</b>	3 Credits 9th Grade Science, Biology, and Chemistry
<b>Social Studies</b>	3.5 Credits World Geog/Hist, U.S. Hist, U.S. Gov, Econ
<b>Electives</b>	8 Credits Including a Fine Art course, and Health/Fitness Course (2 years of a 2nd Language Recommended)
<b>Total</b>	21.5 - 22.5 Credits

### Courses by Grade Level

#### 9th Grade

<b>English</b>	English 9
<b>Math</b>	Algebra 1
<b>Science</b>	Physical Science
<b>Social Studies</b>	World Geography or World History
<b>Elective 1</b>	Spanish 1, French 1 or ASL 1
<b>Elective 2</b>	Health & PE

#### 10th Grade

<b>English</b>	English 10
<b>Math</b>	Geometry <i>Prerequisite: Alg1</i>
<b>Science</b>	Biology
<b>Social Studies</b>	U.S. History
<b>Elective 1</b>	Spanish 2, French 2 or ASL 2
<b>Elective 2</b>	Art Appreciation, Music Appreciation, or Media Arts

#### 11th Grade

<b>English</b>	English 11
<b>Math</b>	Algebra 2 <i>Prerequisites: Alg1, Geom</i>
<b>Science</b>	Chemistry <i>Prerequisites: Bio, Alg 1</i>
<b>Social Studies</b>	U.S. Government
<b>Elective 1</b>	One elective of choice
<b>Elective 2</b>	One elective of choice

#### 12th Grade

<b>English</b>	English 12
<b>Math</b>	Pre-Calculus (optional) <i>Prerequisites: Alg1, Geom, Alg 2</i>
<b>Science</b>	N/A
<b>Social Studies</b>	Economics A (0.5 credit)
<b>Elective 1</b>	One elective of choice
<b>Elective 2</b>	One elective of choice

*For all paths described, there is flexibility in course selection. Be sure to be in communication with your success coach as you select your courses.*

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## My plan is to go into a career or military service.

In this 21.5 credit track, students are placed in courses that meet minimum graduation requirements so they can graduate and enter the workforce.

### Overall Requirements

<i>Credit Types</i>	<i>Number of Credits Required</i> <i>Specific Course Requirements</i>
<b>English</b>	4 Credits Eng 9, Eng 10, Eng 11, Eng 12
<b>Math</b>	3 Credits Algebra 1, Geometry, Algebra 2
<b>Science</b>	3 Credits 9th Grade Science, Biology, and Chemistry
<b>Social Studies</b>	3.5 Credits World Geog/Hist, U.S. Hist, U.S. Gov, Econ
<b>Electives</b>	8 Credits Including a Fine Art course, and Health/Fitness Course
<b>Total</b>	21.5 Credits

### Courses by Grade Level

#### 9th Grade

<b>English</b>	English 9
<b>Math</b>	Algebra 1
<b>Science</b>	Physical Science
<b>Social Studies</b>	World Geography or World History
<b>Elective 1</b>	Health & PE
<b>Elective 2</b>	One elective of choice

#### 10th Grade

<b>English</b>	English 10
<b>Math</b>	Geometry <i>Prerequisite: Alg1</i>
<b>Science</b>	Biology
<b>Social Studies</b>	U.S. History
<b>Elective 1</b>	Art Appreciation, Music Appreciation, or Media Arts
<b>Elective 2</b>	One elective of choice

#### 11th Grade

<b>English</b>	English 11
<b>Math</b>	Algebra 2 <i>Prerequisites: Alg1, Geom</i>
<b>Science</b>	Chemistry <i>Prerequisites: Bio, Alg 1</i>
<b>Social Studies</b>	U.S. Government
<b>Elective 1</b>	One elective of choice
<b>Elective 2</b>	One elective of choice

#### 12th Grade

<b>English</b>	English 12
<b>Math</b>	N/A
<b>Science</b>	N/A
<b>Social Studies</b>	Economics A (0.5 credit)
<b>Elective 1</b>	One elective of choice
<b>Elective 2</b>	One elective of choice

*For all paths described, there is flexibility in course selection. Be sure to be in communication with your success coach as you select your courses.*

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# Elective Guide

## Recommended Electives by Grade Level

Electives options are provided through both Northgate Academy and our sister school, Excel High School.

1 credit of Fine Art, 0.5 credit of Health, and 0.5 credit of PE are required to graduate.

### 9th Grade

#### Health & PE:

[Health & PE \(In Christian Perspective\)](#) - 1 credit

#### Fine Art:

[Media Arts](#) - 1 credit

#### Bible:

[Jesus and His Followers](#) - 1 credit

[Life Skills for the Maturing Christian](#) - 1 credit

#### Second Language:

[Spanish 1](#) - 1 credit

[French 1](#) - 1 credit

[American Sign Language 1](#) - 1 credit

#### Other:

[Computer Applications](#) - 1 credit

### 10th Grade and Up

#### Second Language:

[Spanish I](#) - 1 credit

[Spanish II](#) - 1 credit

[French I](#) - 1 credit

[French II](#) - 1 credit

[American Sign Language 1](#) - 1 credit

[American Sign Lang 2](#) - 1 credit

#### Fine Art:

[Art Appreciation](#) - 1 credit

[EHS Media Arts](#) - 1 credit

[Music Appreciation](#) - 1 credit

[History of Jazz Music](#) - 1 credit

[Digital Photography](#) - 0.5 credit

#### STEM Courses:

[Computer Applications](#) - 1 credit

[Biotechnology](#) - 0.5 credit

[Chemical Engineering](#) - 0.5 credit

[Computer Engineering](#) - 0.5 credit

[Electrical Engineering](#) - 0.5 credit

[Intro to Tech Science](#) - 0.5 credit

[Mechanical Engineering](#) - 0.5 credit

[Introduction to Coding](#) - 1 credit

#### Science:

[Agriscience](#) - 0.5 credit

[Astronomy](#) - 0.5 credit

[Marine Science](#) - 1 credit

#### Health & PE:

[Health & PE \(In Christian Perspective\)](#) - 1 credit

[Health & Fitness \(Secular\)](#) - 1 credit

#### Bible:

[Book of Revelation](#) - 1 credit- 1 credit

[Bible Doctrines](#) - 1 credit

[Kings of Israel](#) - 1 credit

[Genesis](#) - 1 credit

[Jesus and His Followers](#) - 1 credit

[Life Skills for the Maturing Christian](#) - 1 credit

#### Business:

[Introduction to Business](#) - 1 credit

#### Hospitality:

[Hospitality & Tourism](#) - 0.5 credit

[Hotel & Restaurant Management](#) - 0.5 credit

#### Health and Medicine:

[Nursing - Health Science](#) - 1 credit

[Sports Medicine](#) - 0.5 credit

[Sports Science](#) - 0.5 credit

[Emergency Medical Responder](#) - 0.5 credit

#### Human Sciences:

[Life Skills](#) - 1 credit

[Sociology](#) - 1 credit

[Psychology](#) - 1 credit

[Criminology](#) - 0.5 credit

[Forensic Science](#) - 0.5 credit

### 11th-12th Grade

#### Business:

[Marketing](#) - 1 credit

[Business Management](#) - 1 credit

[Finance](#) - 1 credit

[Introduction to Accounting](#) - 1 credit

#### Other:

[SAT Prep Verbal & Math](#) - 0.5 credit

[Private Pilot FFA Ground School](#) - 2 credit course

(additional cost of \$274)

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