

Notre Dame High School Curriculum Guide

Updated: April 2023

## Core Curriculum for Notre Dame High School

### MATH (4 credits)

Standard: Algebra I (H), Geometry (H), Algebra II (H), College Algebra (DE), Pre-Calculus

Honors: Geometry (H), Algebra II (H), Pre-Calculus (H), Calculus (H or AP)

State Requirement: students must be enrolled in a mathematics course each school year.

### SOCIAL STUDIES (4 credits)

Standard: Ancient World History [Geography], Modern World History [Geography] (H, AP), U.S. History [Civics] (H, AP), Personal Finance/Economics (H)

Honors: AP Human Geography, Modern World History [Geography] (H, AP), U.S. History [Civics] (H, AP), Personal Finance/Economics (H)

### ENGLISH (4 credits)

English I (H)

English II (H)

English 3 (H, AP)

English 4 (DE [H], AP)

### SCIENCE (3 credits required, 4+ credits available)

S: BIOLOGY

CHEMISTRY

THIRD COURSE OF CHOICE

H: BIOLOGY (H)

CHEMISTRY (H)

PHYSICS (H)

AP elective options: AP Environmental Science (10th-12th), AP Chemistry (11th), AP Biology (12th)

### WORLD LANGUAGE (2 credits required, 3+ credits available)

Spanish I (H)

Spanish II (H)

H Spanish III

H Spanish IV

AP Spanish

French I

French II

French III (H)

H French IV

H French V

### RELIGION (4 credits)

Religion I

Religion II

Religion III

Religion IV

### Math Paths

	Standard Path	Honors Path
9 <sup>th</sup> Grade	Algebra 1 Geometry (requires an 80 or above in Algebra I)	Honors Algebra I Honors Geometry (Calculus path) Honors courses in math require a 500 or above on the math section of the high school placement test
10 <sup>th</sup> Grade	Geometry Algebra II	Honors Geometry Honors Algebra II (Calculus path) Must maintain a B average to stay on the Honors path
11 <sup>th</sup> Grade	Algebra II Pre-Calculus	Honors Algebra II Honors Pre-Calculus (Calculus path) Must maintain a B average to stay on the Honors path
12 <sup>th</sup> Grade	College Algebra Pre-Calculus DE College Algebra	AP Calculus Honors Pre-Calculus Honors Calculus College Algebra DE College Algebra (22+ ACT Math section) Must maintain a B average to stay on the Honors path

**Social Studies Paths**

	Standard Path	Honors Path
9 <sup>th</sup> Grade	Ancient World History & Geography	<p align="center">AP Human Geography</p> <p align="center">Incoming 9<sup>th</sup> graders must score a 550 on the high school placement test in Reading &amp; Language</p>
10 <sup>th</sup> Grade	Modern World History	<p align="center">Honors World History</p> <p align="center">90 across the first three quarters of Ancient World</p> <p align="center">AP World History</p> <p align="center">93 across the first three quarters of Ancient World or 90 across first three quarters of AP Human Geography, 20 or above on the Reading section of the Pre-ACT, attendance at informational meeting to take place during flex in the 4<sup>th</sup> quarter</p>
11 <sup>th</sup> Grade	U.S. History	<p align="center">Honors US History</p> <p align="center">90 for the first three quarters in Honors World History or 93 for the first three quarters in World History AND 20 or above on the Reading section of the Pre-ACT</p> <p align="center">AP US History</p> <p align="center">88 for the first three quarters in AP World History or 90 for the first three quarters in Honors World History AND 21 or above on the Reading section of the Pre-ACT</p> <p align="center">Optional Elective: AP Art History</p> <p align="center">88 for the first three quarters in AP World History or 90 for the first three quarters in Honors World History AND 21 or above on the Reading section of the Pre-ACT</p>
12 <sup>th</sup> Grade	Personal Finance & Economics	<p align="center">Honors Economics</p> <p align="center">93 for the first three quarters in junior Math &amp; English courses</p> <p align="center">Optional Elective: AP European History</p> <p align="center">Score of 3 or above on the AP World History and/or APUSH exam OR have a 93 course average in either AP World History or APUSH</p> <p align="center">Optional Elective: AP Art History</p> <p align="center">88 for the first three quarters in AP US History or 90 for the first three quarters in Honors US History AND 21 or above on the Reading section of the ACT.</p>

**English Paths**

	Standard Path	Honors Path
9 <sup>th</sup> Grade	English I	Honors English I Incoming 9 <sup>th</sup> graders must score a 500 on the high school placement test in Reading & Language
10 <sup>th</sup> Grade	English II	Honors English II B average for all three quarters and 19 or above on the English and Reading sections of the Pre-ACT
11 <sup>th</sup> Grade	English III	Honors English III B average for all three quarters and 19 or above on the English & Reading sections of the Pre-ACT  AP English Language & Composition A average across all three quarters and 21 or above on the English & Reading sections of the Pre-ACT
12 <sup>th</sup> Grade	English IV	Dual Enrollment English 3.0 GPA and 18 on the English section of the ACT & 19 on the Reading section of the ACT  AP English Literature A average across all three quarters and 24 or above on the English & Reading sections of the ACT

### Science Paths

	Standard Path	Honors Path
9 <sup>th</sup> Grade	Biology	Honors Biology Score above the 50th percentile on the high school placement test
10 <sup>th</sup> Grade	Chemistry	Honors Chemistry Minimum of an 87 for the year in Honors Biology and Honors Geometry Optional Elective: AP Environmental Science must have a minimum of an 87 for the year in Honors Biology and Honors Geometry or Honors Algebra I
11 <sup>th</sup> Grade	<p style="text-align: center;">Choose one of the following: STEM Forensics Environmental Science</p> <p>Honors Anatomy &amp; Physiology* must have a 90 for the year in Biology and Chemistry AP Environmental Science* must have a 90 for the year in Biology and Chemistry</p>	<p style="text-align: center;">Choose one of the following AP Chemistry Minimum of an 80 for the year in Honors Chemistry and Honors Algebra 2.</p> <p style="text-align: center;">Honors Anatomy &amp; Physiology Minimum of an 80 for the year in Honors Biology and Honors Chemistry</p> <p style="text-align: center;">Honors Physics 80+ for the year in Honors Chemistry and Honors Algebra 2. AP Environmental Science 80+ for the year in Honors Biology and Honors Chemistry</p>
12 <sup>th</sup> Grade	<p style="text-align: center;">Optional Electives: STEM Forensics Environmental Science</p> <p>To be placed in Honors/AP courses, a 90+ for the year in Biology and Chemistry is required: Honors Anatomy &amp; Physiology AP Environmental Science Honors Physics: requires a 90+ in Algebra 2 AP Biology: requires a 26+ average on the ACT Science &amp; Math sections and a recommendation of the current science teacher</p>	<p style="text-align: center;">Optional Electives</p> <p style="text-align: center;">For students considering the health field: AP Biology 80+ for the year in Honors Biology &amp; Honors Chemistry</p> <p style="text-align: center;">AP Environmental Science 80+ for the year in Honors Biology &amp; Honors Chemistry</p> <p style="text-align: center;">For students considering the engineering field: Honors Physics 80+ for the year in Honors Chemistry and Honors Algebra 2</p>

**World Language Paths**

	Standard Path	Honors Path
9 <sup>th</sup> Grade	Spanish I, French I	Honors Spanish I (with novice high proficiency determined by placement test or teacher recommendation) Must maintain a B average to stay on the Honors path
10 <sup>th</sup> Grade	Spanish II, French II	Honors Spanish II, Honors French II Must maintain a B average to stay on the Honors path
11 <sup>th</sup> Grade	Elective: Spanish III	Elective: Honors Spanish III or Honors French III Must maintain a B average to stay on the Honors path
12 <sup>th</sup> Grade		Elective: AP Spanish or AP French/Honors French IV Must maintain a B average to stay on the Honors path

## Graduation Requirements

- 4 Religion (or 1 for each year at Notre Dame)
- 4 English
- 4 Math
- 3 Science - Biology, Chemistry OR Physics, Third Science Course
- 2 World Language
- 4 Social Studies - Ancient World, Modern World, US History, Economics (.5), Personal Finance (.5)
- 1 Fine Arts
- 1 Wellness
- .5 Physical Education
- 4.5 Academic Electives