

2017-2018

# Upper School Course Brochure



The Wellington School

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## GENERAL INFORMATION

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## COURSE DESCRIPTIONS













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# 2017 COLLEGE ACCEPTANCES AND MATRICULATIONS

This college list for the Wellington Class of 2017 mirrors and celebrates the diversity found in each student's talents and interests.

Allegheny College   
Amherst College  
Ashland University  
Baldwin-Wallace University  
Ball State University  
Belmont Abbey College   
Belmont University  
Bluffton University  
Boston University  
Bowling Green State University   
Brandeis University  
Capital University  
Carnegie Mellon University  
Case Western Reserve University   
Champlain College  
Chapman University  
Clemson University   
Colgate University  
College of Charleston  
College of Wooster   
Columbus College of Art and Design  
Columbus State Community College   
Denison University  
DePaul University  
DePauw University  
Drew University  
Drexel University  
Earlham College  
Eastern Michigan University  
Elon University   
Florida State University  
Fordham University  
Furman University  
George Mason University  
George Washington University   
Georgetown University   
Georgia Institute of Technology  
Guilford College   
Harvey Mudd College  
High Point University  
Hocking College 

Howard University  
Indiana University   
Iowa State University  
Kent State University   
Loyola University of Chicago  
Marietta College  
Marquette University  
Marshall University   
Mercyhurst University  
Miami University   
Michigan State University  
Muskingum University  
Northeastern University  
Oberlin College  
Ohio Christian University  
Ohio Dominican University  
Ohio Northern University   
Ohio State University   
Ohio University   
Ohio Wesleyan University   
Otterbein University  
Pennsylvania State University  
Purdue University  
Rensselaer Polytechnic Institute  
Rollins College   
S.U.N.Y. - Stony Brook  
Saint Joseph's University   
Saint Vincent College  
Savannah College of Art and Design  
Sewanee, The University of the South  
Syracuse University  
University of Alabama   
University of California - Berkeley  
University of California - Davis  
University of California - Los Angeles  
University of California - San Diego  
University of Cincinnati  
University of Colorado - Boulder  
University of Dayton  
University of Findlay   
University of Iowa

University of Kentucky  
University of Maryland  
University of Miami   
University of Minnesota  
University of North Carolina - Chapel Hill  
University of Pennsylvania   
University of Pittsburgh  
University of Rhode Island  
University of Richmond   
University of Rochester   
University of Saint Andrews   
University of South Carolina  
University of Southern California  
University of Tampa  
University of Tennessee  
University of Texas - Austin   
University of Virginia  
University of Wisconsin - Madison  
Valparaiso University  
Vanderbilt University  
Virginia Polytechnic University  
Washington & Jefferson College  
Washington University in St. Louis  
West Virginia University   
Wheeling Jesuit University  
Williams College   
Wilmington College  
Wittenberg University   
Wright State University   
Xavier University 

 Denotes matriculation

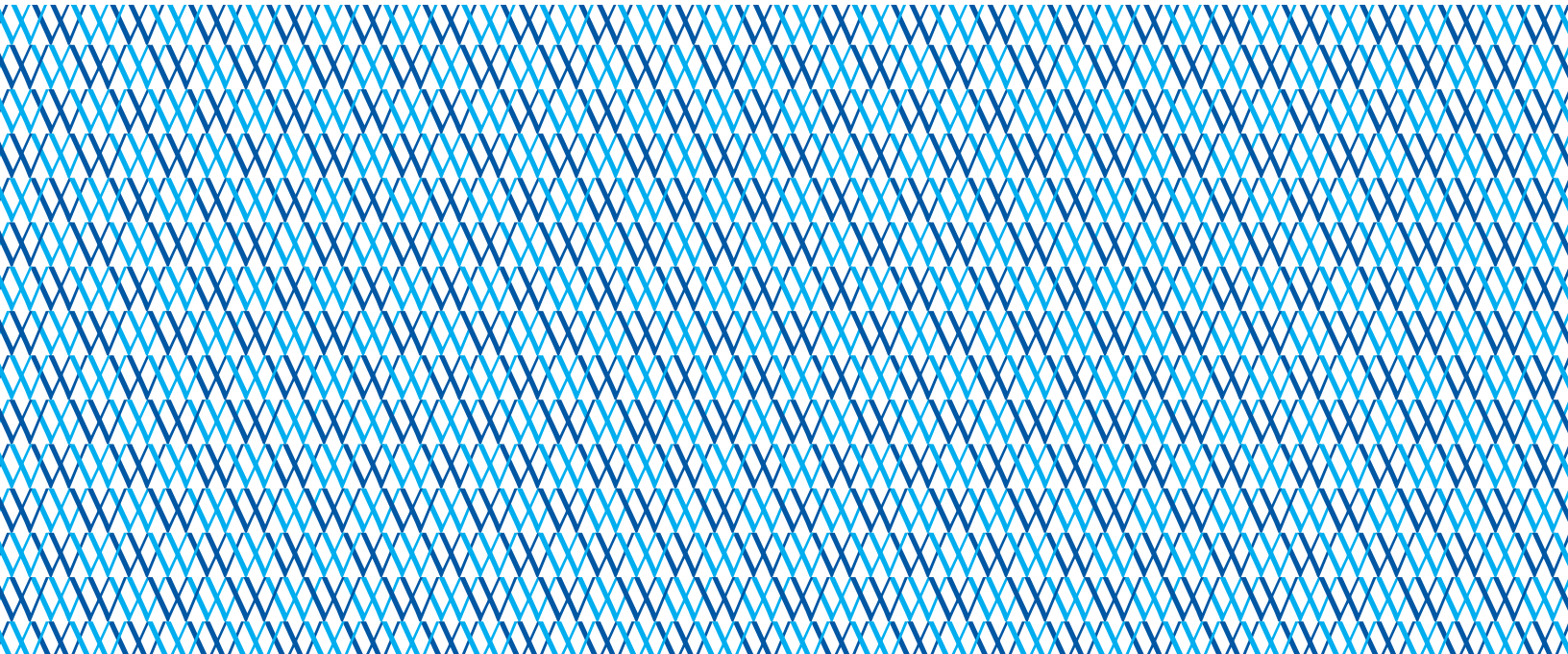
## 2003-2017 MATRICULATIONS

Wellington students throughout the years have enrolled in colleges that are strong fits based on their individual passions and aspirations.

Adrian College	Columbus College of Art and Design	Haverford College	Northeastern Ohio University College of Medicine
Agnes Scott College	Columbus State Community College	High Point University	Northeastern University
Alfred University	Connecticut College	Hobart and William Smith Colleges	Northern Michigan University
Allegheny College	Cornell University	Hocking College	Northwestern University
American University	Cornish College of the Arts	Howard University	Notre Dame College
American University of Beirut	Culinary Institute of America	Indiana University	Oberlin College
American University of Rome	Dartmouth College	Ithaca College	Occidental College
Babson College	Davidson College	John Carroll University	Ohio Northern University
Baldwin Wallace College	Denison University	Johns Hopkins University	Ohio State University
Bellarmino College	DePaul University	Johnson & Wales University - Denver	Ohio University
Belmont Abbey College	DePauw University	Kasturba Medical College of India	Ohio Wesleyan University
Berklee College of Music	Dickinson College	Kent State University	Otterbein University
Boston College	Drake University	Kenyon College	Oxford of Emory University
Boston University	Drew University	Korea Advanced Institute of Science and Technology	Parsons School of Design
Bowdoin College	Drexel University	Lake Forest College	Pennsylvania State University
Bowling Green State University	Duke University	Lawrence University	Pratt Institute
Bradley University	Duquesne University	Lehigh University	Purchase College, S.U.N.Y.
Brown University	Earlham College	Lewis & Clark College	Purdue University
Bryn Mawr College	Elon University	Loyola University Maryland	Queen's University of Canada
Bucknell University	Emerson College	Loyola Marymount University	Regis University
Butler University	Emory University	Loyola University Chicago	Rensselaer Polytechnic Institute
California State University – Fresno	Eugene Lang College	Lynn University	Rhodes College
Capital University	Florida Southern College	Macalester College	Rice University
Carnegie Mellon University	Florida State University	Malone University	Rivier College
Case Western Reserve University	Fordham University	Manhattanville College	Rochester Institute of Technology
Central Saint Martins	Franklin Pierce College	Marietta College	Rollins College
Centre College	Furman University	Marshall University	Roosevelt University
Champlain College	Gardner-Webb University	Maryland Institute College of Art	Rose-Hulman Institute of Technology
Chapman University	George Washington University	Messiah College	S.U.N.Y. at Stony Brook
Clemson University	Georgetown University	Miami University	Saint Joseph's University
Cleveland Institute of Music	Georgia Southern University	Michigan State University	Salem International University
Colgate University	Grand Canyon University	Montana State University	San Diego State University
College of Charleston	Grinnell College	Morehouse College	Santa Clara University
College of Wooster	Guilford College	Mount Vernon Nazarene University	Sarah Lawrence College
Colorado College	Hamline University	Mt. Carmel College of Nursing	Savannah College of Art and Design
Colorado State University	Hampton University	NEOUCOM	School of the Art Institute of Chicago
Columbia College Chicago	Harding University	New York University	
Columbia University	Harvard University		
Columbia University Sciences Po			

## 2003-2017 MATRICULATIONS (continued)

Scripps College	University of Chicago	University of Texas at San Antonio
Seattle University	University of Cincinnati	University of Vermont
Sewanee, The University of the South	University of Cologne	University of Virginia
Skidmore College	University of Colorado - Boulder	University of Wisconsin - Madison
Smith College	University of Colorado - Colorado Springs	University of Wisconsin Milwaukee
Southern Methodist University	University of Dayton	Vanderbilt University
Stanford University	University of Denver	Virginia Commonwealth University
St. Bonaventure University	University of Evansville	Virginia Tech University
St. Anselm College	University of Findlay	Wabash College
St. John's University	University of Illinois Urbana-Champaign	Wake Forest University
Swarthmore College	University of Kentucky	Washington & Jefferson College
Syracuse University	University of LaVerne	Washington University
Taylor University	University of Maryland	Wellesley College
Texas Tech University	University of Miami	Wesleyan University
Trine University	University of Michigan	Westmont College
Trinity College	University of North Carolina	West Virginia University
Tufts University	University of North Carolina - Wilmington	Wheaton College
United States Air Force Academy	University of Notre Dame	Wheaton College – Massachusetts
United States Naval Academy	University of Pennsylvania	Williams College
Universidad Central de Venezuela	University of Pittsburgh	Wilmington College
University of Akron	University of Redlands	Wingate University
University of Alabama	University of Richmond	Wittenberg University
University of Alaska	University of Rochester	Wofford College
University of Arizona	University of San Diego	Wright State University
University of California - Los Angeles	University of Saint Andrews	Xavier University
University of California - San Diego	University of Tampa	Yale University
University of California at Berkeley	University of Texas - Austin	



## COURSE LOAD

All students are required to carry a *minimum* of five (5) regularly-scheduled courses each marking period, although it is recommended that students enroll in at least six (6) courses each trimester. Note that this means each student may have at *most* three (3) free periods.

## ADDING AND DROPPING COURSES

Advisors provide scheduling guidance for advisees. Students may freely add or drop a course no later than four days into the trimester for trimester courses, or two weeks into the start of the year for year-long courses. Year-long advanced classes may be dropped until the mid-point of the first trimester. After the add/drop period, students may withdraw from courses after discussing the decision with the course teacher, the advisor, a college counselor, and the assistant head of upper school. Dropping and withdrawing from courses has many ramifications, with respect both to Wellington and to the college application process. A student typically may withdraw from a course, earning a “W” for the trimester, up until one week after interims are published. Between that time and the end of the trimester, a student will earn the grade that is merited for that trimester. In year-long courses, a student may request to drop/withdraw from the course again up until one week after interims. If a student withdraws from an honors course to take the non-honors version of the same course the remainder of the year, the student will earn a “W” for zero credits in the honors course and a grade for the full credit in the non-honors course. The grades earned in the honors course subsequent to the withdrawal are averaged into the non-honors course final grade.

## ADVANCED/HONORS COURSES

To assist students in selecting courses of appropriate challenge, faculty pre-approve students for particular advanced and honors courses. Any student who is not pre-approved to take an advanced/honors course may request special permission with the understanding that, in the professional opinion of the faculty, enrollment in that course may provide an extraordinary challenge to the student. Guidelines used when considering a student’s qualifications for specific honors courses are found in each course’s description.

Advanced courses are designed to challenge students capable of advanced study. The courses are intended to present college-level work in high school. Compared to many other upper school courses, students should expect both additional outside work and higher-level critical-thinking to be required. In consideration of the difficulty of advanced courses, students should consult with advisors before enrolling in more than three advanced courses. The guidelines used when considering students’ qualifications for advanced courses are as follows:

COURSE	PREREQUISITES	OTHER REQUIREMENTS
Advanced Chemistry	Foundations of Physical and Biological Science I & II; Algebra II or Honors Algebra II	Department approval
Advanced Physics	Foundations of Physical and Biological Sciences I & II; Calculus, Advanced Calculus or concurrent enrollment in either	Department approval
Advanced Biology	Foundations of Physical and Biological Sciences I & II	Department approval
Advanced American Studies	US History	Department approval
Advanced Economics	US History and Algebra II	None
Advanced Studio Art	3 trimesters of Visual Arts courses	Department approval
Advanced French V	Honors French IV	B in Honors French IV; Department approval
Honors French IV	French Intermediate B	B in French Intermediate B; Department approval
Advanced Latin	3 trimesters of Latin courses	B in Trimester Latin courses; Department approval
Advanced Spanish V	Honors Spanish IV	B in Honors Spanish IV; Department approval
Honors Spanish IV	Spanish Intermediate B	B in Spanish Intermediate B; Department approval
Advanced Musical Studies	3 years of musical background	Department approval
Advanced Calculus I	Precalculus	A in Precalculus or B in Honors Precalculus; Department approval
Advanced Calculus II	Advanced Calculus I	B- in Advanced Calculus I; Department approval
Advanced Statistics	Precalculus	B in Precalculus; Department approval
Honors Precalculus	Algebra II	A in Algebra II or B+ in Honors Algebra II; Department approval
Honors Algebra II	Geometry	A in Geometry; Department approval

# CLASS OF 2021 GRADUATION REQUIREMENTS

Note: This list is **NOT** applicable to other grade levels.

<b>ARTS</b> (1 2/3 Credits: 2/3 Visual, 1 Performing)	<b>COURSE NAMES</b>
1st year 1/3 Credit Visual Art	Foundations in the Visual Arts
1/3 Credit Visual Art	
1 Credit Performing Art	
<b>ENGLISH</b> (4 Credits)	<b>COURSE NAMES</b>
1st year (1 Credit)	English 9
1st year (1/3 credit)	Writing 9
2nd year (1 Credit)	English 10
2nd year (1/3 Credit)	Writing 10
1/3 Credit – Adv. Comp.	Advanced Composition
1/3 Credit English	
1/3 Credit English	
1/3 Credit English	
<b>WORLD LANGUAGE</b> (3 Credits of the same World Language in the Upper School)	<b>COURSE NAMES</b>
1st year	
2nd year	
3rd year or three trimesters	
<b>MATHEMATICS</b> (4 Credits; Algebra or Geometry in 8th grade at Wellington may count as 1 credit)	<b>COURSE NAMES</b>
1st year	
2nd year	
3rd year or three trimesters	
4th year or three trimesters	
<b>HISTORY</b> (3 Credits)	<b>COURSE NAMES</b>
1st year (1 Credit)	World History
2nd year (1 Credit)	US History
1/3 Credit	History
1/3 Credit	History
1/3 Credit	Government
<b>SCIENCE</b> (3 2/3 Credits including Health)	<b>COURSE NAMES</b>
1st year	
1 Credit LAB science (1/2 Biological & 1/2 Physical)	Foundations of Physical and Biological Sciences 1
2nd year	
1 Credit LAB science (1/2 Biological & 1/2 Physical)	Foundations of Physical and Biological Sciences 2
3rd year or three trimesters of any LAB Science	
1/3 Credit Lifetime Health	
1/3 Credit any other health	
<b>PHYS ED</b> (1 Credit) (2-Sport waiver possible for 9th and 10th grade. Each waiver = 1/3 credit)	<b>COURSE NAMES</b>
1/3 Credit	Physical Education
1/3 Credit	
1/3 Credit	



## COURSE ICONS

Courses are listed by academic department, many with prerequisites or grade-level requirements. Additionally, some courses are demarcated with icons to demonstrate different pedagogical threads woven throughout academic departments and grade levels. Students might find these useful as another way to seek out courses they will find engaging.



### Creativity & Design

Creativity & design courses are developmental in nature—there is a focus on the iterative process. These courses allow for deviation from predetermined content to promote curiosity, inquiry, and open experimentation. Idea generation and exploration of media are the core of creativity & design courses.



### Public Speaking

Public-speaking courses provide students ample opportunity to develop oral presentation skills. These courses are structured so that students and teachers offer feedback to one another on aspects of public-speaking, such as: thesis, organizational pattern, vocal variety, and body language.



### Global

In global courses, students investigate the world through a process of analyzing and framing questions about global issues. In doing so, students develop their ability to recognize, understand, and compare other perspectives. These courses are a significant component of the Global Citizenship Certification.



### Research

Students demonstrate the development of research skills by creation of a research proposal, collection and organization of data, analysis/interpretation of data, conclusion(s), and a final presentation and/or product. Research courses may be based on hypotheses, discovery, or solutions (service, entrepreneurial, or engineering).

## UPPER SCHOOL SCHEDULE

In 2015 Wellington Upper School transitioned to a new schedule to enhance educational opportunity and increase student engagement. Based on best practices research, the schedule is designed to have longer class blocks, fewer transitions, a later start to the academic day, and increased flex time.

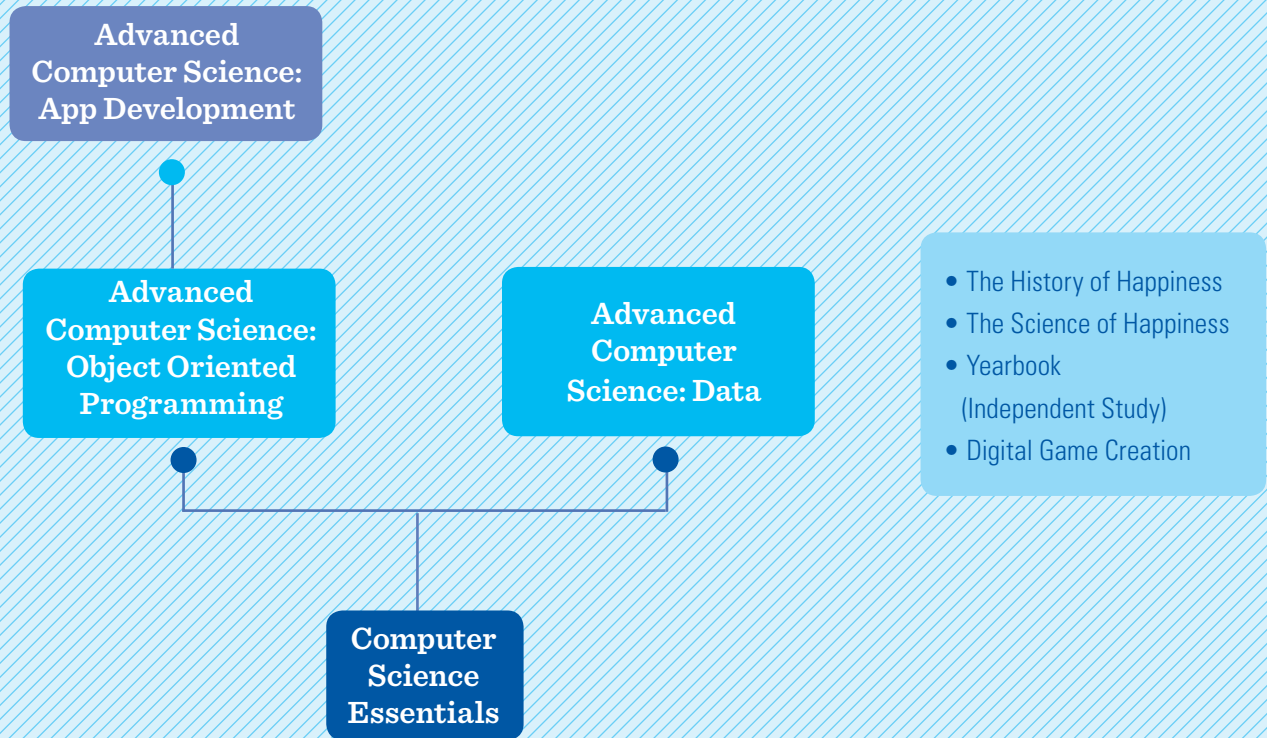
	A	B
8-8:30 <i>Attendance at 8:30</i>	Flex/Clubs	Flex/Clubs
8:30-8:45	Morning Meeting	Morning Meeting
8:50-10:10	Period 1	Period 5
10:15-11:35	Period 2	Period 6
11:35-11:50	Break	Break
11:50-1:10	Period 3	Period 7
1:10-2:10* <i>Advisory will meet each Wednesday</i>	Lunch/Break	Lunch/Break
2:10-3:30	Period 4	Period 8





# Non-Departmental

# Non-Departmental Curriculum Progression



## EXPECTED NON-DEPARTMENTAL TRIMESTER GRID

1st Trimester (fall)	2nd Trimester (winter)	3rd trimester (spring)
Computer Science Essentials	Advanced Computer Science: Object Oriented Programming	Advanced Computer Science: App Development
The History of Happiness	Digital Game Creation	Advanced Computer Science: Data

## COMPUTER SCIENCE ESSENTIALS

Designed for the student who is interested in gaining a general computer programming background and an introduction to the concepts of computer science, this course explores the concepts of computer science and how those concepts impact our world. This course is open to any upper school student.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Credit

## ADVANCED COMPUTER SCIENCE: OBJECT ORIENTED PROGRAMMING

One of the most common styles of programming is object oriented programming. In this course, students develop coding and problem solving skills in the Object Oriented Programming paradigm. This course prepares students to develop applications for mobile platforms, games, and more.

**PREREQUISITE:** COMPUTER SCIENCE ESSENTIALS

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Credit

## ADVANCED COMPUTER SCIENCE: DATA

Advanced Computer Science: Data focuses on manipulation of data. Students learn the R programming language and analyze a variety of data sets including some "big data." Students also explore the societal impact of trends in information science, machine-learning, and artificial intelligence.

**PREREQUISITE:** COMPUTER SCIENCE ESSENTIALS

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Credit

## ADVANCED COMPUTER SCIENCE: APP DEVELOPMENT

Advanced Computer Science: App Development helps students develop a mobile app. Students use design principles and object oriented programming to develop and code the app. When completed, the app may be uploaded to the Android or iOS app store.

**PREREQUISITE:** ADV CS: OBJECT ORIENTED PROGRAMMING or previous year-long Computer Science course.

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Credit



## DIGITAL GAME CREATION

Creating a successful game requires design, art, music, sound, and coding. This course focuses on creating a playable computer game. It is an exploration of creativity and design, so it is open to everyone whether they are a gamer or not. The complexity of the game project is tailored to the experience of the student.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Credit

## THE HISTORY OF HAPPINESS

The History of Happiness is a look at the meaning of the concept of happiness in a historical context including but not limited to views of the ancient Greeks, Confucian China, the Founding Fathers of the United States, and current thinkers. Each student is encouraged to explore a particular time in history in a particular civilization and investigate the concept of happiness in that context. Students are encouraged to consider how the concept of happiness has evolved over time and how previous constructs have impacted our perception of happiness.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Credit

## THE SCIENCE OF HAPPINESS

The Science of Happiness asks students to investigate how human behavior impacts happiness. Students are asked to review the literature and construct experiments to measure variables impacting individuals' capacity to flourish. This course is offered during even numbered school years (2018-19, 2020-21, 2022-23, etc.).

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Credit

## YEARBOOK (Independent Study)

Yearbook students quickly learn who's who and what's happening in The Wellington School, as they take photographs, write stories, and design pages featuring preschool through grade 12 events. The yearbook course is treated as an independent study and is pass/fail; however, students are required to attend weekly lunch meetings and participate in first day workshops and graduation-week workshops. Students learn graphic design techniques, develop journalistic skills, and gain experience selling ads. Students are expected to work on the entire production process of the yearbook from first layout to final editing.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Credit



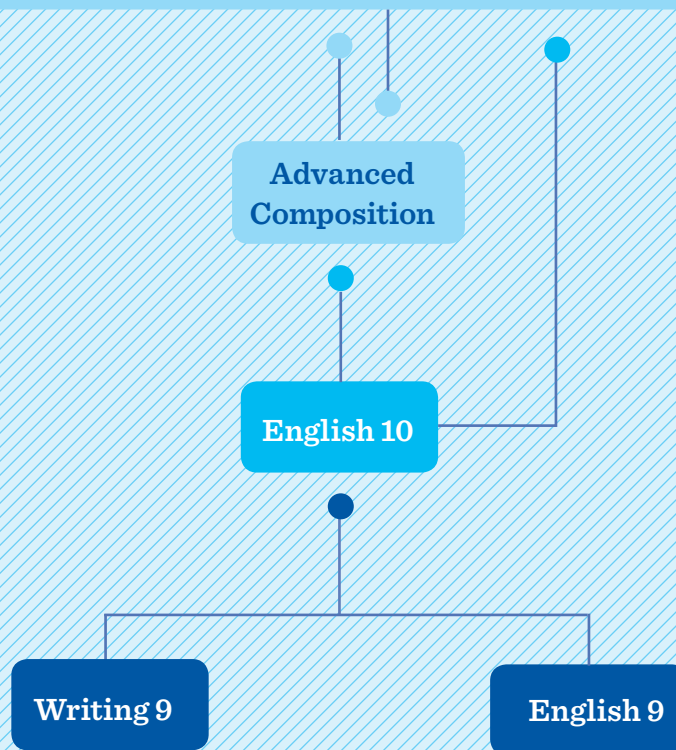


English

# English Curriculum Progression

## Trimester Courses (3 required)

- Creative Writing
- Great Books: Frankenstein
- Music and Literature
- Stories of the Holocaust
- Utopia/Dystopia: What a World We Make
- Why be Good? Literature and Philosophy: Ethics and Justics
- Great Books: Hamlet
- I Need a Hero
- New Journalism and Podcasting
- Speech
- Spirituality in Literature
- Teenager in Literature
- Literature and Film
- Classic Literature
- Literature and the Environment
- Literature of New Orleans
- Much Madness is Divinest Sense
- Stories on Trial
- What If None of This Is Real? Literature and Philosophy: Knowledge and Truth



## EXPECTED ENGLISH TRIMESTER GRID

1st trimester (fall)	2nd trimester (winter)	3rd trimester (spring)
Advanced Composition	Advanced Composition	Advanced Composition
Creative Writing	Great Books: Hamlet	Classic Literature
Great Books: Frankenstein	I Need a Hero	Literature and the Environment
Music and Literature	New Journalism and Podcasting	Literature of New Orleans
Stories of the Holocaust	Speech	Much Madness Is Divinest Sense
Utopia/Dystopia: What a World We Make	Spirituality in Literature	Stories on Trial
Why be Good? Literature and Philosophy: Ethics and Justics	Teenager in Literature	What If None of This Is Real? Literature and Philosophy: Knowledge and Truth
	Literature and Film	

**ENGLISH 9 (Required for Freshmen)**

This course is designed to expose students to significant works of world literature in a variety of genres. Students will develop skills in literary analysis, research, and narrative essays. Literature selected for English 9 will supplement the students' study of world history.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 English Credit

**WRITING 9**

(Required for freshmen)

English 9 is designed to expose students to significant works of world literature in a variety of genres. Students develop skills in literary analysis, research, and narrative essays.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 2/3 English Credit

**ENGLISH 10**

(Required for sophomores)

English 10 is designed to expose students to significant works of American literature. Students continue to work on their composition skills, with some emphasis on independent writing as well as independent reading. Literature selected for English 10 supplements the students' study of American history.

**PREREQUISITE:** English 9

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 English Credit

**ADVANCED COMPOSITION**

(Required for juniors)

Advanced Composition focuses on the essay, its rhetorical shape, thesis direction, purpose, and audience. Each student develops and perfects an ideal college essay and reviews the structure and grammar of language in order to be a clear and compelling writer. Finally, this course emphasizes media literacy, developing the research skills necessary for successful college writing.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

**CLASSIC LITERATURE**

Classic Literature examines classic works of prose and poetry, as well as the concept of what makes a "classic" work of literature. Students are asked to write reflections and demonstrate their understanding through visual projects, presentations, class participation, and analytical papers.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

**CREATIVE WRITING**

Creative Writing is designed to help students gain a better understanding of the craft of poetry and short stories. Like any craft, creative writing requires practice, dedication, and meticulous attention to details if it is to be done well. Throughout the trimester, we explore the intricacies of creative writing by reading what established writers have to say about their craft and examining published work as models. Students also begin to refine their own sense of creative writing by, well, writing. In the first part of the course, we examine elements of poetry such as word choice, syntax, and figurative language. In the second part of the course, we apply these building blocks of literary writing to larger concepts of fiction, such as plot, scene, dialogue, etc.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

**GREAT BOOKS: FRANKENSTEIN**

What does it mean to be human? Students address this question using Mary Shelley's classic work, along with related texts, film adaptations, and modern versions of the story. Time is also spent discussing the nature of science and literature, what it means to be a monster, and how these questions tie in with modern genetics.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

**GREAT BOOKS: HAMLET**

"Hamlet" is considered by many to be Shakespeare's greatest play, and actors all around the world view the character of Hamlet as the ultimate role. This course focuses on not only the Bard's original play, but also several contemporary works of literature and film based on "Hamlet." Students practice close literary analysis and use a variety of written assignments, projects, and dramatic performances to construct meaning from the text.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

**I NEED A HERO**

What is a hero? How are heroes made? Has the idea of a hero changed over time? Students will read tales of heroes through myth, folktales, and contemporary literature in an attempt to answer these questions. Students will also explore their own heroic qualities.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

**LITERATURE AND THE ENVIRONMENT**

In this immersive class, we read a wide-ranging selection of essays, poetry, and fiction from a robust tradition of American nature writing. Drawing upon nature writers and environmental philosophers, we investigate and analyze how American writers have historically understood and written about the human place in nature, and we consider how those trends continue to influence our feelings toward and actions that impact our environment. Additionally, the class emphasizes a hands-on approach to understanding nature with occasional field-trips and a class gardening project.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

## LITERATURE AND FILM

What happens when a piece of literature is chosen for the big screen? In this trimester course, students read several works of literature and watch the corresponding films in an attempt to analyze this essential question. At the end of the trimester, students are asked to present their findings through the analysis of an independently chosen piece of literature and its corresponding film.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

## LITERATURE OF NEW ORLEANS

Students study the poetry, fiction, non-fiction, and music of New Orleans. Course content emphasizes the rich history of one of America's most unique and diverse cities.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

## MUCH MADNESS IS DIVINIST SENSE

Madness can be an element of tragedy, comedy, or realism; a mad character may represent a deviation from societal norms or may express a truth that society is denying. This course explores the role of madness in various works of literature and its connection to changing scientific and social perceptions. Students practice close literary analysis and use a variety of written assignments, projects, and dramatic performances to construct meaning from the texts.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

## MUSIC AND LITERATURE

This course examines the works of musicians as literature, while also exploring a variety of writings on music (pop, rock, folk, jazz, hip-hop), both fiction and non-fiction. Students research, write, and deliver presentations based on songs of their choice.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit



## NEW JOURNALISM AND PODCASTING

Instead of employing traditional journalistic story structures and an institutional voice, the New Journalists of the 1960s and 70s revolutionized the way a story could be reported. By constructing well-developed characters, sustained dialogue, vivid scenes, and strong plotlines, these reporters delivered dramatically engaging stories. This style's influence can be seen in magazines across the nation, and more recently, in the popular podcasts "This American Life" and "Radio Lab." Based on our reading of key New Journalism pieces, students create their own long-form podcasts that dive deep into a subject of their choosing. In this course, students also learn how to employ discerning methods of research, how to engage with their evidence, and how to effectively use primary resources to create a compelling final product.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit



## SPEECH

Through informative and persuasive speeches, as well as discussions about current events, students explore their strengths, evaluate themselves and their peers, and improve their overall communication skills. As a capstone project, students write, develop, rehearse, and deliver a speech in the style of a TED Talk.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

## SPIRITUALITY IN LITERATURE

According to a recent Pew survey, only about half of millennials say they believe in God with absolute certainty, compared to about 70 percent of older adults. Designed for the confirmed, the non-believers, and the questioning, this course explores a variety of perspectives. Students read works to explore how spiritual or religious belief creates a body of imaginative literature inspired by the sublime or the magical.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

## STORIES OF THE HOLOCAUST

Major works have been created against the backdrop of one of history's darkest times. Students read both fiction and non-fiction pieces to witness the diverse stories that Nazi Germany could not silence.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

## STORIES ON TRIAL

In this course students learn the trial process through reading stories (fictional and nonfictional) and by participating in mock trials. Possible trial processes examined and practiced may be war crimes, slander/libel, and product liability. Students focus on a range of trial procedures and why these procedures are different in various trials (e.g., criminal v. civil trial). Possible fictional stories may include "The Lottery," "The Cask of Amontillado", "The Most Dangerous Game," and selections from "Don Quixote." For example, students will read selected portions of "Don Quixote" and then participate in a committal hearing to determine Quixote's sanity. This course is team taught by English and history faculty.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English or History Credit



## TEENAGER IN LITERATURE

Teenager in Literature explores coming-of-age stories with readings from short stories and novels that represent the teenage experience in America. Students in this course reflect on what is gained and lost as they transition from childhood to adulthood.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit



## UTOPIA/DYSTOPIA: WHAT A WORLD WE MAKE

What would the perfect society look like? What kind of political system would guarantee peace, prosperity, and plenty for all people? How can we harness technology for the good of all humanity? How could it all go horribly wrong? This course explores the history of utopian and dystopian thinking in literature, art, and film. Utilizing these examples, we attempt to design our own utopian society, engaging in a multi-week philosophical debate.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

## WHAT IF NONE OF THIS IS REAL? LITERATURE AND PHILOSOPHY: KNOWLEDGE AND TRUTH

How do we know that we know what we think we know? What do all true things have in common? What is the nature of existence? Do animals experience consciousness? This course seeks to answer such questions through the study of philosophical essays and short stories. Students develop an understanding of basic philosophical concepts, while also developing their own life philosophy.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit

## WHY BE GOOD? LITERATURE AND PHILOSOPHY: ETHICS AND JUSTICE

How do we decide what is right and wrong? What makes a just society? Why is there evil? This course seeks to answer these questions through the study of philosophical essays and short stories. Students develop an understanding of basic philosophical concepts, while also developing their own life philosophy.

**PREREQUISITE:** English 10

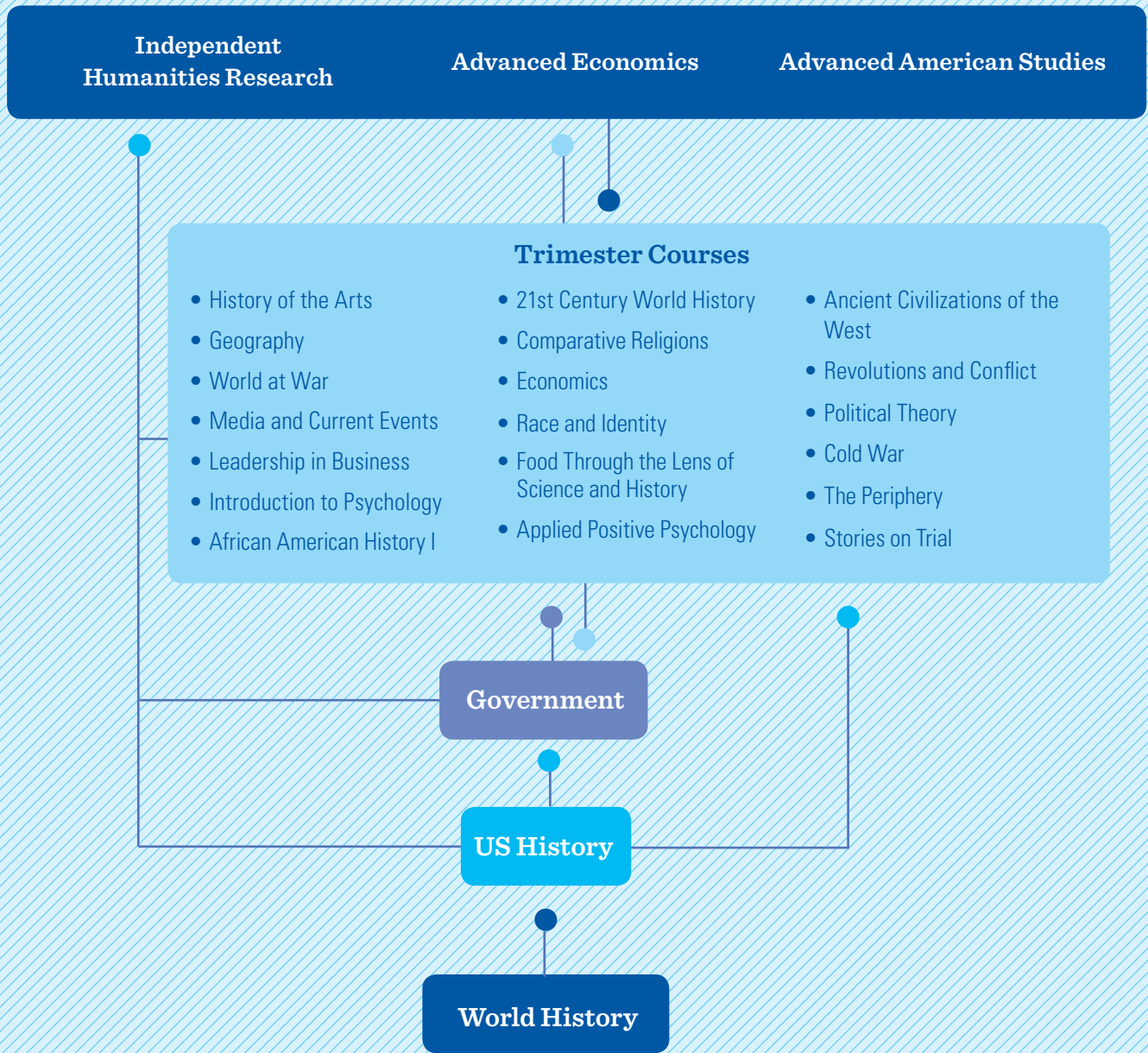
**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English Credit



# History/Social Studies

# History/Social Studies Curriculum Progression



## EXPECTED HISTORY TRIMESTER GRID

1st Trimester (fall)	2nd Trimester (winter)	3rd trimester (spring)
Government	Government	Government
History of the Arts	21st Century World History	Ancient Civilizations of the West
Geography	Comparative Religions	Revolutions and Conflict
World at War	Economics	Political Theory
Media and Current Events	Race and Identity	Cold War
Leadership in Business	Food Through the Lens of Science and History	The Periphery
Introduction to Psychology	Applied Positive Psychology	Stories on Trial
African American History I		



## WORLD HISTORY

(Required for freshmen)

World History is designed to involve students in the development of world cultures from the beginnings of the 16th century through the present. It provides the students with an understanding of the crucial ideas and events, which lay the foundation for the modern world. This course is required for graduation.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 History Credit

## US HISTORY

(Required for sophomores)

US History is a survey course of the United States from colonial times to the present. It is designed to provide the student with an understanding of the key ideas and events that shaped the development of the United States. This course is required for graduation.

**PREREQUISITE:** World History

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 History Credit

## ADVANCED AMERICAN STUDIES

Advanced American Studies is designed to be college-paced and include major assessments focused on advanced analytical writing and student-created projects. In addition to the thematic approach to the study of American history, the course is centered on a cultural examination of life in America.

**PREREQUISITE:** Open to seniors

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Credit (2/3 History Credit and 1/3 English Credit)



## ADVANCED ECONOMICS

Advanced Economics is designed to give students a more in-depth understanding of macroeconomic and microeconomic principles. We examine these topics by considering recent developments in economic theory and policies. The class is team-taught in a seminar fashion by math and history faculty members. There is a final project-based research study of an advanced topic. Final topics might include

sustainable growth, tax reform, supply side economics, labor organizations, national industrial policy, ethical responsibility of business, and social entrepreneurship.

**PREREQUISITE:** US History and Algebra II Applications, Algebra II, or Honors Algebra II

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Credit (2/3 History Credit, 1/3 Math Credit)

## INDEPENDENT HUMANITIES RESEARCH (IHR)

Students in this course develop and implement a humanities related research project. Students are expected to be a part of experimental design, investigation, and information analysis. Each student seeks out an outside expert in the field of their study. Students are required to achieve research benchmarks, meet deadlines, and demonstrate core competencies throughout the year including the writing of an extensive research paper on their topic, culminating in a presentation to members of the Wellington community. Although this class is an independent study, students are scheduled into a class period and meet periodically with faculty and others in the class. The first trimester has regularly scheduled meetings that focus on qualitative research methods, while the second and third trimesters are focused on implementing the project.

**PREREQUISITE:** Department approval

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Credit (2/3 History Credit and 1/3 English Credit)



## 21st CENTURY WORLD HISTORY

This course is designed to involve students in the recent development of world cultures in the context of 21st century global interconnectedness. This course provides students with an understanding of the crucial ideas and events which establish the social, political, and economic issues in today's world.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit

## AFRICAN AMERICAN HISTORY I

African American History I highlights African American influence on the grand narrative of American history, from the beginnings of race-based slavery in the Western Hemisphere through Reconstruction. Students tap into a growing repository of scholarly resources and wrestle with the challenges inherent in tracing non-traditional historical narratives.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit

## ANCIENT CIVILIZATIONS OF THE WEST

Ancient Civilizations of the West is designed to give students an understanding of the foundations of ancient western civilizations (c. 3000 B.C.E. – c. 400 C.E.). This period includes the early civilizations of Mesopotamia, Egypt, Greece, and Rome—everything that comes after the invention of writing and before the fall of the Roman Empire. We examine significant events, people, ideas, and historical trends that have shaped Western society politically and culturally.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit



## APPLIED POSITIVE PSYCHOLOGY

Applied Positive Psychology is designed to enable students to study and apply the concepts that lead to human flourishing, including happiness, flow, meaning, love, gratitude, accomplishment, growth, and positive relationships. Students also delve into the science behind each concept and use the Values in Action character strengths model. This course includes the study of Positive Psychology researchers, focusing on Seligman, Csikszentmihalyi, Lyubomirsky, Frankl, and Frederickson.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit





## THE COLD WAR

The Cold War course looks at the political and military tension after World War II between the Soviet Union and the United States, which dominated international relations during the time. Topics include the influence of superpowers on regional conflicts, nuclear proliferation, domestic politics, the development of détente, and the fall of the Soviet Union.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit



## COMPARATIVE RELIGIONS

Comparative Religions is designed to build an understanding of world religions and religious diversity. Through discussions, readings, research, and presentation of issues, students learn about world religions both in terms of historical context and with respect to a contemporary perspective.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit

## ECONOMICS

Economics emphasizes the way in which individuals, households, businesses, and governments participate in the operation of the economy. We explore such concepts as scarcity, supply and demand, and competition, and focus on how economic decisions are made in the market place. This course provides students with an introduction to micro and macroeconomics, which includes a solid understanding of the American economic system.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit



## FOOD THROUGH THE LENS OF SCIENCE AND HISTORY

This course discusses the science of food and its role in human history. This includes discussion of the impact of food on evolution and development, as well as the interplay between food, biology, and major historical events. The course also includes discussion regarding nutrition focusing on biological necessity and current trends related to human health, economics, and current events.

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Biological Science credit OR 1/3 History credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** No



## GEOGRAPHY

Geography is designed to expand the student's knowledge of the physical, political, cultural, and economic geography of the world. Students study people, places, and environments at local, regional, national, and international levels from various perspectives of geography.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit

## GOVERNMENT

**(Required for graduation)**

The US government is the focus of the course and the study includes examination of the Constitution, governmental philosophies, federalism, the interplay of the three branches of government, and the civic roles of Americans.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit

## HISTORY OF THE ARTS

History of the Arts is an exploration of visual, musical, and theatrical art forms and their historical and cultural connections. The focus is on the arts in America in the 20th century to the present. The course includes a brief study of the development of the art form as well as an examination of the relationship with the culture of the times.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit

## INTRODUCTION TO PSYCHOLOGY

This course is designed to introduce students to the content, terminology, methodology, and application of the study of psychology. This course highlights interesting and influential experiments within the field of psychology and their implications on our understanding of human behavior.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit

## LEADERSHIP IN BUSINESS

Leadership in Business is designed as an introduction to business and business leadership. Through use of the case method, reading, analysis, guest speakers, discussion, and debate, students further their understanding of business and the skills and qualities of successful business leaders.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit

## THE MEDIA AND CURRENT EVENTS

The Media and Current Events is designed to encourage critical thought and expand knowledge concerning issues and events that are occurring during the time of the course. Through discussions, readings, research, and presentation of issues, students learn to analyze the facts of current events, considering their implications on society.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit



## THE PERIPHERY

The world-systems approach to world history emphasizes a global system and not the nation state as the main unit of analysis. The countries of the world are viewed as part of the periphery, semi-periphery, and core. This course focuses on the political, economic, and social development of the periphery and the shifting composition of the periphery from the mid-20th century to the present. Particular attention is on countries in Asia, Africa, and Latin America.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit

## POLITICAL THEORY

Political Theory is designed to build a solid understanding of western political theory from classical times to the present. It presents a framework for understanding the political, economic, and social issues in today's world. Particular emphasis is placed on students developing and articulating their own political philosophy.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit

## RACE AND IDENTITY

Race and Identity is designed to encourage critical thought and expand knowledge concerning issues about race and identity in a global context. Students study how race impacts social behavior. We look at the origins of the concept of race, and the development, organization, and impact on economic and political institutions through history with an emphasis on today's world.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit



## REVOLUTION AND CONFLICT

Revolution and Conflict is designed to expand students' knowledge of revolutions and conflicts in the 20th and 21st centuries. The course looks at the causes and effects of the major revolutions of the 20th century that shaped history for decades as well as the recent conflicts and uprisings in North Africa and the Middle East.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit

## STORIES ON TRIAL

In this course students learn the trial process through reading stories (fictional and nonfictional) and by participating in mock trials. Possible trial processes examined and practiced may be war crimes, slander/libel, and product liability. Students focus on a range of trial procedures and why these procedures are different in various trials (e.g., criminal v. civil trial). Possible fictional stories may include "The Lottery," "The Cask of Amontillado," "The Most Dangerous Game," and selections from "Don Quixote." For example, students read selected portions of "Don Quixote" and then participate in a committal hearing to determine Quixote's sanity. This course is team taught by English and history faculty.

**PREREQUISITE:** English 10

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 English or History Credit



## WORLD AT WAR

World at War focuses on World War I and World War II; the causes of these global conflicts, the events and experiences of the wars, and the consequences of the wars. Topics include military strategies, tactics, and how technology impacted the wars.

**PREREQUISITE:** US History

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 History Credit

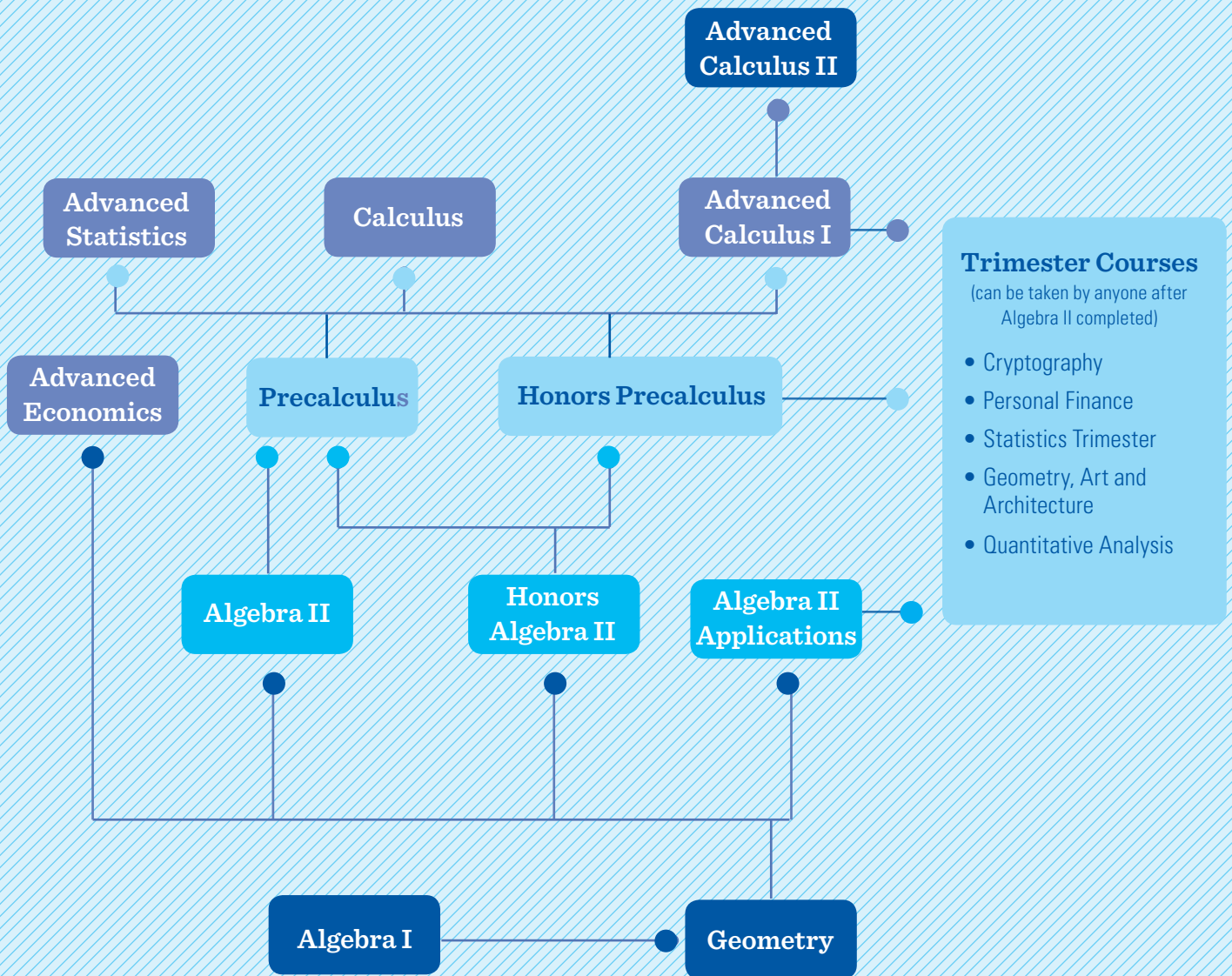


# Mathematics



# Mathematics Curriculum Progression

4 years are required



## EXPECTED MATHEMATICS TRIMESTER GRID

1st Trimester (fall)	2nd Trimester (winter)	3rd trimester (spring)
Precalculus – Algebra III		Precalculus – Trigonometry
Cryptography	Statistics Trimester	Geometry, Art, and Architecture
Personal Finance		Quantitative Analysis

## ALGEBRA I

This course offers instruction in signed numbers, equations, absolute value, inequalities, graphing linear equations, literal equations, functions and relations, systems of equations, exponents and radicals, polynomials, factoring, the quadratic formula, parabolas, and direct and inverse variation, all with a sustained emphasis on applications and problem solving. Graphing calculators are not required.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Mathematics Credit

## GEOMETRY

This course focuses on problem solving, proof, and mathematical communication in a context that further strengthens algebraic skills. The classical approach to geometry is presented, along with various methods for solving problems. Topics covered include plane geometry, constructions, deductive and inductive proof, and elementary logic. This course also includes applied algebra, ratio and proportion, area and volume, circles, and right angle and non-right trigonometry. Graphing calculators are not required, but a scientific calculator with trigonometric functions is required.

**PREREQUISITE:** Algebra I

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Mathematics Credit

There are three different choices for Algebra II. If a student is unsure which class is the best fit, he or she should speak to a math teacher.

## ALGEBRA II

This course, as opposed to Algebra II Applications or Honors Algebra II, represents the standard Algebra II curriculum, content, and pacing. Topics of Algebra I are revisited in this course in greater depth. Students increase their knowledge of function behavior through extensive graph analysis and algebraic explorations. A TI-84 Plus calculator is required.

**PREREQUISITE:** Algebra I

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Mathematics Credit

## ALGEBRA II APPLICATIONS

This course is intended to be a slower paced study of various Algebra II topics for students who are not likely to pursue STEM related professions in college. Algebra II Applications is a problem-based exploration of real world applications that involve linear and quadratic equations. A TI-84 Plus calculator is required.

**PREREQUISITE:** Algebra 1 and/or Geometry

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Mathematics Credit

## HONORS ALGEBRA II

This is an advanced, fast paced, and challenging algebra II class for students interested in pursuing mathematics, science, or STEM related fields. Students use various tools (calculator, laptop, and software) to explore and solve real-world problems that require the use of Algebra II concepts. Honors courses are intended to be more challenging than standard courses and provide multiple opportunities for students to take greater responsibility for their learning. Honors courses can be distinguished by a difference in the quality of the work expected rather than merely by the quantity of the work required. A TI-84 Plus calculator is required.

**PREREQUISITE:** A in Geometry

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Mathematics Credit

Many students take both the Precalculus - Algebra III and the Precalculus - Trigonometry courses together to comprise the full Precalculus course.

## PRECALCULUS – ALGEBRA III (first two trimesters of Precalculus)

Precalculus – Algebra III is a thorough investigation of functions: reviewing essential algebra concepts and linear functions before moving on to combinations and compositions of functions, quadratic, polynomial, rational, inverse, exponential, and logarithmic functions. This course is for students who are seeking a class that will further hone algebra skills before taking college admission tests or college placement exams, but who may

not want or need to study the trigonometric portion of precalculus.

**PREREQUISITE:** Algebra II

**COURSE DURATION:** First two trimesters of the year

**COURSE CREDIT:** 2/3 Mathematics Credit

## PRECALCULUS – TRIGONOMETRY

(third trimester of Precalculus)

Precalculus – Trigonometry is the last third of the regular precalculus course that will cover trigonometric functions and their properties, including developing an understanding of the unit circle, exploring basic trigonometric identities, and graphing trigonometric functions. This course is for the student who enjoyed trigonometry in Geometry and Algebra II, and would like to learn more about triangles.

**PREREQUISITE:** Algebra II

**COURSE DURATION:** Last trimester of the year

**COURSE CREDIT:** 1/3 Mathematics Credit

## HONORS PRECALCULUS

Honors Precalculus is specifically designed for those students who plan on taking advanced mathematics courses. Material will be covered in greater depth, at a faster speed, and from a more theoretical perspective than the traditional precalculus course. The course covers trigonometric functions and their properties, including the development of an understanding of the unit circle, and an exploration of important trigonometric identities. The course also includes a more thorough investigation of functions. Honors courses are intended to be more challenging than standard courses and provide multiple opportunities for students to take greater responsibility for their learning. Honors courses can be distinguished by a difference in the quality of the work expected rather than merely by the quantity of the work required. A TI-84 Plus calculator is required.

**PREREQUISITE:** Department approval and B+ in Honors Algebra II

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Mathematics Credit

## CALCULUS

This full-year calculus course is a slower-paced study of many of the same topics in Advanced Calculus I. This course is intended for students who wish to see how algebra and geometry come together to solve complex and interesting calculus problems. This is the perfect course for a student who will not likely pursue a STEM related profession, but will choose to take calculus-based business classes in college. A TI-84 Plus calculator is required.

**PREREQUISITE:** B in Precalculus

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Mathematics Credit

## ADVANCED CALCULUS I

This full-year course studies the calculus of functions of a single variable. Working at a challenging college-level pace, students learn the development of differential and integral calculus and its broad practical applications. Students have the option of taking the Advanced Placement Calculus AB examination at the end of the year. A TI-84 Plus calculator is required.

**PREREQUISITE:** Department approval and an A in Precalculus or B in Honors Precalculus

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Mathematics Credit

## ADVANCED CALCULUS II

This full-year course continues the study of the calculus of functions of a single variable. Working at a challenging college-level pace, students explore in depth various integration techniques, work, infinite series (convergent, divergent, power, Maclaurin, and Taylor series), parametric equations, and polar coordinates. Other topics could include centroids, moments of inertia, vectors and surfaces, vector-valued functions, an introduction to partial differential equations, and the Calculus of Variations. Students have the option of taking the Advanced Placement Calculus BC examination at the end of the year. A TI-84 Plus calculator is required.

**PREREQUISITE:** Department approval and B- in Advanced Calculus I

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Mathematics Credit

## ADVANCED STATISTICS

This full-year course provides opportunities for students to explore and make sense of real-world data, to predict patterns and trends when appropriate, and to properly collect samples and design experiments. They then explore the basics of statistical inference. Throughout the year, each student completes multiple projects, for which students are responsible for gathering their own data in an appropriate fashion, examining the data, drawing conclusions from their data using statistical inference, and summarizing their findings. Through projects, tests, and quizzes, students demonstrate an understanding of formal statistical language as well as the ability to explain their research to a non-statistician. Students have the option of taking the Advanced Placement Statistics exam at the end of the year.

**PREREQUISITE:** Department approval and B in Precalculus

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Mathematics Credit



## ADVANCED ECONOMICS

Advanced Economics is designed to give students a more in-depth understanding of macroeconomic and microeconomic principles. We examine these topics by considering recent developments in economic theory and policies. The class is team-taught in a seminar fashion by math and history faculty members. There is a final project-based research study of an advanced topic. Final topics might include sustainable growth, tax reform, supply side economics, labor organizations, national industrial policy, ethical responsibility of business, and social entrepreneurship.

**PREREQUISITE:** US History and Algebra II Applications, Algebra II, or Honors Algebra II

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Credit (2/3 History Credit, 1/3 Math Credit)



## CRYPTOGRAPHY

In a global society that is increasingly PIN-protected and tech-savvy, this course enhances students' awareness of code making and breaking in diverse contexts. Contexts for code making and breaking range from protecting the Federal Reserve and the power grid from cyber-terrorism to writing in secret codes. This trimester course provides an overview of the field of cryptography, including a historical perspective on early systems, building to the number theoretic foundations of modern day cryptosystems. Students learn how cryptosystems are designed and will study basic cryptanalysis. They are presented with real life breaches of common cryptosystems so they better understand the dangers that lurk in cryptosystem design and in the design of systems that rely on cryptography.

**PREREQUISITE:** Algebra II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Mathematics Credit

## GEOMETRY, ART, AND ARCHITECTURE

This course covers topics of mathematical structure in art and architecture and can be taken for either a visual arts credit or a mathematics credit. Related topics include the construction of polyhedral, the study of Platonic solids, the golden ratio, perspective, symmetry, and pattern in art. Geometry in architectural structures such as the Parthenon, modern architecture, and engineering is studied. Students use computer-assisted design software to generate their own architectural designs. The culmination of this course includes visits to architectural sites and the production of podcasts.

**PREREQUISITE:** Geometry

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Mathematics or Visual Arts Credit

## PERSONAL FINANCE

This course is designed to provide students with opportunities to develop skills for solving real world problems. It focuses on areas of study that address problems and applications in personal finance including financial planning, personal investing, budgeting, tax planning, real estate financing, credit management, insurance protection, and retirement planning.

**PREREQUISITE:** Algebra II; Open to seniors

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Mathematics Credit

## QUANTITATIVE ANALYSIS

Every day, citizens are presented with quantitative data from various sources – the Internet, Twitter, 24-hour news channels, magazines – yet the decision about what and who to believe is seldom discussed. Will Rogers once stated, “All I know is just what I read in the papers, and that’s an alibi for my ignorance.” This course explores the importance of critical-thinking and logic to the task of becoming accurately informed citizens of the community and the world. Using many real life situations, students extend their Algebra II skills in the study of finance, probability, statistics, linear and exponential growth, graph theory, geometry, voting, and social choice.

**PREREQUISITE:** Algebra II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Mathematics Credit

## STATISTICS TRIMESTER

This course focuses on the science of collecting, organizing, and interpreting data. Students design experiments and interpret data through exploratory data analysis, probability and sampling distribution, and survey and experimental design. They learn how to make valid inferences based on data and detect misleading uses of statistics.

Students participate in several projects, at least one of which may involve collecting and analyzing data for a local business. Emphasis is placed on writing valid conclusions in such a way that statisticians and non-statisticians can understand them. A TI-84 Plus calculator is used in class and is required. This course may not be taken if a student is also enrolled in Advanced Statistics.

**PREREQUISITE:** Algebra II

**COURSE DURATION:** 1 trimester

**COURSE CREDIT:** 1/3 Mathematics Credit

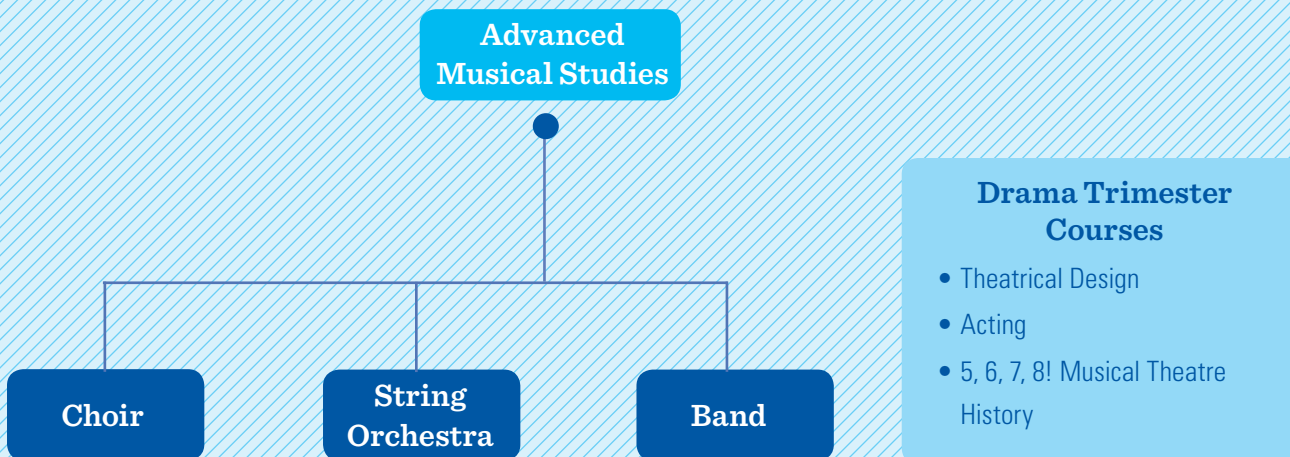




# Performing Arts

# Performing Arts Curriculum Progression

1 year is required



## EXPECTED PERFORMING ARTS TRIMESTER GRID

EXPECTED PERFORMING ARTS TRIMESTER GRID	2nd Trimester (winter)	3rd trimester (spring)
Drama – Theatrical Design	Drama – Acting	Drama – 5, 6, 7, 8! Musical Theatre History

## BAND

Participation in the upper school band is open to any student with at least two years of previous experience on a band instrument. The class incorporates literature from several genres, including concert band and jazz band. In addition, we focus on developing each student's capacity for technique and musicality. Concert performances are given in fall, winter, and spring. We frequently perform at area competitions and play as a pep band at several school functions throughout the year. Attendance is required for all concerts.

**PREREQUISITE:** Two years of prior experience on a band instrument or instructor approval

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Performing Arts Credit

## CHOIR

Choir is open to any upper school student who expresses a desire to sing and learn basic vocal technique. Members of choir meet each class in full rehearsals with occasional sectional rehearsals on an as-needed basis. Concepts covered in class include group vocal technique, vocal production, appropriate breathing techniques, diction, building independence of vocal line, introduction to languages other than English, and stage deportment. Material covered is representative of all musical styles and genres. Members are required to perform in all regular concerts and to make occasional appearances outside of school.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Performing Arts Credit



## DRAMA – ACTING

This course introduces students to the process of acting, provides a solid foundation in a realistic acting technique, and aids in developing the skills for creating a role. Students learn the importance of warming up as an actor; utilize a series of exercises aimed at sharpening the imagination and emotional expression; and develop the actor skills of concentration and attention, relaxation and breathing, playing objectives, and overcoming obstacles. As an actor one must be familiar with a breadth of plays; therefore, students explore and expand their knowledge of contemporary plays.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Performing Arts Credit

## DRAMA – 5, 6, 7, 8! MUSICAL THEATRE HISTORY

This course is designed to allow students to evaluate and compare a variety of musicals from the nineteenth century to present-day Broadway musicals including Minstrel Shows, Vaudeville, Operetta, Musical Comedy, Opera on Broadway, and Rock Opera. The course examines all aspects of musicals, including composers, lyricists, directors, choreographers, and performing artists who contributed to the development of the musical form.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Performing Arts Credit



## DRAMA – THEATRICAL DESIGN

This is an introductory theatre course designed to enhance students' abilities to think critically, write, and create through exploring the basic question: "How and why is theatre made?" Students develop familiarity with the process of making theatre by reading and analyzing dramatic literature and exploring theatre study and performance. Theatre is a fundamentally creative art; while course work involves readings and writings, it also includes creative projects, theatrical compositions, and performance.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Performing Arts Credit

## STRING ORCHESTRA

String Orchestra is open to any upper school string player who has at least three years of experience on the violin, viola, cello, or bass. Chamber music in both large and small ensembles is explored with an emphasis on style and proper playing techniques. Attendance is required at all concerts in addition to the possibility of performing for the solo and ensemble contest. Music trips are scheduled periodically.

**PREREQUISITE:** Three years of experience on a string instrument

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Performing Arts Credit

## ADVANCED MUSICAL STUDIES

Advanced Musical Studies is a year-long course which considers the world of music from several perspectives. Basic music theory including melody, harmony, rhythm, ear-training, and sight-singing is covered in the scope of the class. Additionally, we consider music from a cultural and historic point of view. Using the season schedules of many local music organizations (Columbus Symphony, Columbus Jazz Orchestra, OSU School of Music, ProMusica, and CAPA), we focus on specific works or genres and have the opportunity to hear them performed live. This course does not fulfill the Performing Arts graduation requirement. This course is offered during even numbered school years (2018-19, 2020-21, etc.).

**PREREQUISITE:** Instructor approval

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Credit

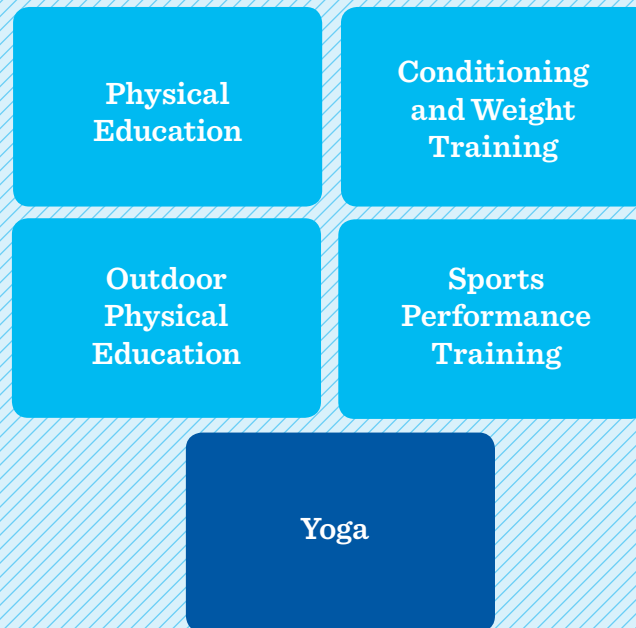




# Physical Education

# Physical Education & Health Curriculum Progression

1 year of Physical Education required (or sport waiver)



## EXPECTED PHYSICAL EDUCATION TRIMESTER GRID

1st trimester (fall)	2nd trimester (winter)	3rd trimester (spring)
Physical Education	Physical Education	Physical Education
Outdoor Physical Education	Conditioning and Weight Training	Conditioning and Weight Training
Sports Performance Training	Sports Performance Training	Sports Performance Training
		Yoga

## PHYSICAL EDUCATION

Students enrolled in physical education participate in a wide variety of rigorous activities including team and lifetime sports. Team sports studied include flag football, soccer, Ultimate Frisbee, volleyball, basketball, team handball, floor hockey, indoor lacrosse, softball, and rugby. Individual and lifetime activities include disk golf, golf, tennis, physical fitness, weight training, badminton, and table tennis. Students study different types of games and activities and then research and develop their own games. Hard work, fair competition, cooperation, sportsmanship, fitness, and enjoyment of physical activity are emphasized and encouraged. Students may sign up for the trimesters in any order or combination and may repeat a trimester as many times as they wish.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Physical Education Credit

1st Trimester	2nd Trimester	3rd Trimester
Flag Football	Basketball	Table Tennis
Disk Golf	Volleyball	Kickball
Kayaking	Floor Hockey	Rugby
Ultimate Frisbee	Team Handball	Softball
Mat Ball Games	Badminton	Tennis
Physical Fitness	Tchoukball	Disk Golf
Soccer	Physical Fitness	Cricket
Speedball	Mat Ball Games	Physical Fitness
Create a Game	Create a Game	Mat Ball Games
Tennis		Create a Game
Kayaking		

## CONDITIONING AND WEIGHT TRAINING

Students are given the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students benefit from comprehensive weight training and cardiorespiratory endurance activities. Students learn the basic fundamentals of strength training, aerobic training, and overall fitness training and conditioning. This course includes both lecture and activity sessions. Students are empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Physical Education Credit

## OUTDOOR PHYSICAL EDUCATION

Students study a variety of outdoor activities that are introduced at school, practiced on campus, and then taken off-campus for further experiences. Some off-campus experiences occur after school or on the weekends to allow for deeper study. The course includes lecture, lab, and activity sessions. Students need to have access to a working bicycle and a bicycle helmet. Units of study may include kayaking, bicycling, bicycling repair, geocaching, orienteering, hiking, climbing/bouldering, first aid training, CPR, sand volleyball, rip-sticking, archery, and angling or fly-fishing. Backpacking, rollerblading/skateboarding, and an overnight experience may be possible depending on the group's experience and skill. A lab fee may be required to meet the cost of some activities.

**PREREQUISITE:** Access to a working bicycle and bicycle helmet

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Physical Education Credit

## SPORTS PERFORMANCE TRAINING

Student athletes learn the fundamentals of strength training, plyometrics, speed, agility, flexibility, and corrective exercises. The student athletes progress through a variety of exercises performed to increase their overall body strength and linear/lateral speed. This is a hands-on course in which student athletes have the opportunity to gain enhanced athletic ability that directly transfers to the success of their sports performance.

**PREREQUISITE:** Participation in a Wellington sport or teacher approval

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Physical Education Credit

## YOGA

This course provides students an opportunity to either experience yoga for the first time or improve their yoga practice. The benefits of consistent yoga practice complement the busy, stressful lives of adolescents. We may visit yoga studios in the area to experience different kinds of yoga. Each student needs a yoga mat and must wear comfortable clothing. This course may count as a Physical Education credit if a student has earned, or will earn, at least 1/3 of a Physical Education credit from a class taught by a Physical Education specialist.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Physical Education Credit



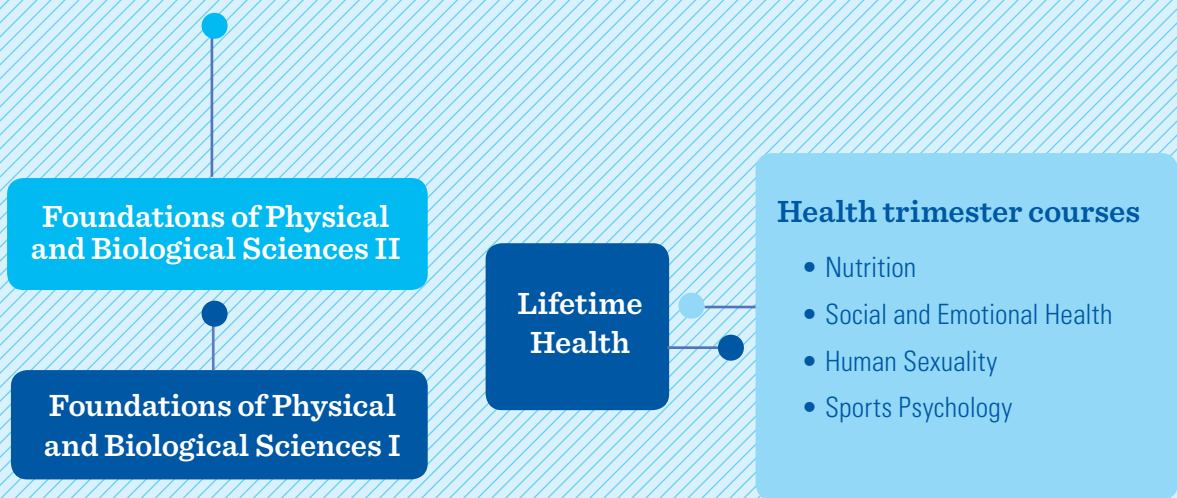


# Science

# Science Curriculum Progression

3 years of lab sciences are required (including 1 year of biological sciences and 1 year of physical sciences)

<p><b>Year-long Courses</b></p> <ul style="list-style-type: none"> <li>• Anatomy &amp; Physiology</li> <li>• Advanced Biology</li> <li>• Advanced Chemistry</li> <li>• Advanced Physics</li> </ul>	<p><b>Trimester Courses</b></p> <ul style="list-style-type: none"> <li>• Marine Biology</li> <li>• The Biography of Cancer</li> <li>• Neuroscience</li> <li>• Pandemics and Epidemics</li> <li>• Food: Science and History</li> <li>• Electricity and Magnetism</li> </ul>	<ul style="list-style-type: none"> <li>• Astronomy</li> <li>• Waves and Optics</li> <li>• Atmospheric Chemistry</li> <li>• DNA Technologies</li> </ul>	<p><b>Independent Science Research</b></p>
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## EXPECTED SCIENCE TRIMESTER GRID

1st trimester (fall)	2nd trimester (winter)	3rd trimester (spring)
Lifetime Health	Lifetime Health	Lifetime Health
Sports Psychology	Nutrition	Neuroscience
Marine Biology	The Biography of Cancer	Electricity and Magnetism
Pandemics and Epidemics	Food: Science and History	Human Sexuality
Astronomy	Waves and Optics	DNA Technologies
Nutrition	Atmospheric Chemistry	Social and Emotional Health
	Social and Emotional Health	

## FOUNDATIONS OF PHYSICAL AND BIOLOGICAL SCIENCE I

(Required for freshmen)

This freshmen-level year-long course covers foundational topics in physics, chemistry, and biology. This course emphasizes the basic and universal physical laws that govern the structure and behavior of matter as they are expressed all around us -- in the very large (astronomy) to the very small (fundamental particles, atomic structure, cellular structure), from the simple (phases of matter, solution chemistry) to the complex (evolution, genetics, ecology). Class activities include group laboratory experiments, lecture and discussion, and problem-solving sessions. Laboratory experiments are designed to instruct students on scientific research techniques and skills including observation, documentation, data analysis and evaluation, and background source evaluation and usage. This course is team-taught by biology, chemistry, and physics teachers. Upon completion, students will be eligible to take Foundations of Physical and Biological Science II.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Credit (1/2 Biological Science and 1/2 Physical Science)

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes

## FOUNDATIONS OF PHYSICAL AND BIOLOGICAL SCIENCE II

(Required for sophomores)

This sophomore-level course is a continuation of Foundations of Physical and Biological Science I with specific topics expanding on those from the previous year. Topics include forces, energy, momentum, chemical reactions and stoichiometry, acid-base chemistry, biological molecules and organism structures and functions, heredity, and energy dynamics. This course is divided into trimesters of biology, chemistry, and physics. Class activities include group laboratory experiments, lecture and discussion, and problem-solving sessions. Laboratory experiments are designed to instruct students on scientific research techniques and skills including observation, documentation, data analysis and evaluation, and background source evaluation and usage. This course is

team-taught by biology, chemistry, and physics teachers.

**PREREQUISITE:** Foundations of Physical and Biological Science I

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Credit (1/3 Biological Science and 2/3 Physical Science)

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes



## ADVANCED BIOLOGY

This advanced course is designed to provide an extensive exploration of the four "Big Ideas" of biology, which center on the concepts of evolution, energy transfer and homeostasis, response and regulation, and interactions between living things and the environment. The course is designed to be taught at the level of an introductory college course for science majors. Advanced Biology is a continuation of the foundations developed in biology and chemistry and will be structured similarly to the College Board's AP Biology curriculum. The course goals are accomplished through lecture, class discussions, labs, and projects. Each student is required to purchase his or her own textbook.

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II; department approval

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Biological Science Credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes

## ADVANCED CHEMISTRY

Advanced Chemistry investigates major concepts on an introductory college level and builds upon principles covered in the Foundations courses. Topics include quantum mechanics, kinetics and equilibria, thermodynamics, electrochemistry, and organic chemistry. Students are exposed to concepts explored in first-year college chemistry and beyond. The use of mathematics is extensive and a college-level text is used. Each student is required to purchase his or her own textbook.

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II; Algebra II or Honors Algebra II; department approval

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Physical Science Credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes

## ADVANCED PHYSICS

This rigorous course explores the topics of mechanics, electricity, and magnetism as it develops students' physical and mathematical intuition. While material from previous physics courses is reviewed, this course goes into greater depth, using calculus to model and solve realistic problems. Demonstrations and hands-on activities are used to build understanding and provide opportunities to apply knowledge. Designed as a first-year college level course for science majors, Advanced Physics covers many of the topics present on the AP exam, although additional individual study is required. Each student is required to purchase his or her own textbook.

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II; Calculus, Advanced Calculus or concurrent enrollment in either; department approval

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Physical Science Credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes

## A BIOGRAPHY OF CANCER

A Biography of Cancer draws inspiration from Dr. Mukherjee's Pulitzer Prize-winning book, "The Emperor of All Maladies; A Biography of Cancer." The curriculum includes the history of cancer from its discovery to the current state-of-the-art prevention, diagnosis, and treatment. It also tackles the social and economic climate that both supported and deterred cancer research and treatment advances, which may appeal to humanities students. Scientifically, the course covers the biology and chemistry of the disease; the biology, chemistry, and physics of diagnosis and treatment; and the role of prevention.

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Biological Science Credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes



## ANATOMY & PHYSIOLOGY

This is a college-preparatory science course designed as an introduction for students considering careers in medicine, nursing, physical therapy, sports medicine, or education, or for any student who is just curious about the inner workings of the human body. The course covers the structure and function of major body systems including the integumentary, skeletal, muscular, digestive, cardiovascular, respiratory, nervous, endocrine, and reproductive systems. Conditions related to these body systems will also be discussed. The course consists of lecture, extensive discussion, homework, quizzes/tests, and laboratory exercises, including dissection. The lab exercises are designed to provide students with hands-on opportunities to experience and understand the principles being studied.

**PREREQUISITE:** Foundations of Physical and Biological Sciences I & II

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Biological Science Credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes

## NEUROSCIENCE

The nervous system is the body's most complicated system. How complex behaviors like speech, decision-making, and learning arise from the activity of a hundred billion neurons in the brain is a question that has fascinated scientists throughout history. The goal of this course is to expose students to the fundamental principles of neuroscience and neuroscience research by examining the molecular processes that govern human behavior and perception. The course goals are accomplished through lecture, class discussions, labs, and projects.

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Biological Science Credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes

## A SURVEY OF AQUATIC CHEMISTRY

What are the conditions that determine whether a body of water is healthy for aquatic life? What are the natural and anthropogenic influences that impact these conditions? The topics covered in this course provide useful background information for the study of marine biology. Course content includes the physical and molecular properties of water, fresh and marine water systems, water purification and desalination, acid and base chemistry, solution equilibria, and precipitation reactions. Material is delivered through a series of hands-on laboratory experiments. This course is offered during even numbered school years (2018-19, 2020-21, etc.).

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Physical Science Credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes

## SOCIETY'S ENERGY PRODUCTION AND USE

The production and use of energy has been and will continue to be an extremely important issue in our society. One aspect of this course is to delve into the chemistry of our energy sources, including the redox reactions of combustion and photosynthesis (reduction-oxidation chemistry), the workings of electrochemical batteries and photovoltaic cells (electrochemistry), and biofuels (chemical reactions, thermodynamics). The course also strives to go beyond the science to look at the societal issues of energy production and to weigh the advantages and disadvantages of the energy alternatives. It blends lab work and various readings as we attempt to better understand society's energy options. This course is offered during even numbered school years (2018-19, 2020-21, etc.).

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Physical Science credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes

## FOOD THROUGH THE LENS OF SCIENCE AND HISTORY

This course discusses the science of food and its role in human history. This includes discussion of the impact of food on evolution and development, as well as the interplay between food, biology, and major historical events. The course also includes discussion regarding nutrition focusing on biological necessity and trends related to human health, economics, and current events.

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Biological Science credit OR 1/3 History credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** No

## PANDEMICS AND EPIDEMICS

Pandemics and Epidemics covers various major pandemics and epidemics (Black Plague, Columbian Exchange, HIV/AIDS, Zika Virus, Influenza Virus, etc.) from a biological and historical perspective. The course primarily focuses on the biological mechanisms and epidemiology of diseases, augmented by lectures covering the historical contexts and impacts surrounding these diseases. Students mirror this framework in their final assessment covering a disease of their choice.

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Biological Science credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes

## DNA TECHNOLOGIES – MOLECULAR CLONING AND RECOMBINANT DNA

The Central Dogma of Biology states: genes are "instruction manuals" that serve as templates for cells to construct proteins. Since proteins are responsible for nearly every cellular process, DNA mutations may lead to altered protein function and disease. Furthermore, many proteins have therapeutic or industrial applications, making efficient production and purification



highly desirable. To better study and produce proteins of interest, their corresponding genes may be isolated, cloned, and transformed into simpler organisms (e.g. bacteria). This process, known as molecular cloning or DNA recombination, is arguably the most important technology of our century. This course introduces advanced topics in biology and chemistry and enables students to learn the subjects through laboratory practice and research. Students perform the necessary experiments to proceed from gene identification through molecular cloning (PCR, electrophoresis, restriction digests, ligations, transformations, DNA sequencing). On this journey, students become experts in the Scientific Method, the Central Dogma of Biology, and DNA manipulations.

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II (preference may be given to students who have completed Advanced Biology or Advanced Chemistry)

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Biological Science Credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes



## ATMOSPHERIC CHEMISTRY

What is a greenhouse gas and how does it affect global temperatures? Why is ground-level ozone a hazard while the stratospheric ozone layer is crucial for human health? This course investigates meteorological topics such as atmospheric composition and behavior, cloud formation and precipitation, weather patterns, and climate. In addition, the course investigates chemistry concepts and environmental issues related to the atmosphere, including the kinetic molecular theory, reaction kinetics, ozone formation and depletion, greenhouse gases, and methods of studying climate change. Case studies of environmental issues are included that address situations and perspectives of different countries and regions. This is a lab-based course; laboratory experiments focus on topics that include reaction kinetics and the behavior of gases. This course is offered during odd numbered school years (2017-18, 2019-20, etc.).

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Physical Science credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes

## MARINE BIOLOGY

Marine Biology explores oceanography as well as the dynamics of a variety of marine and coastal ecosystems. A primary focus throughout the course is on the diverse array of organisms that live in and around the oceans of the world. Topics such as marine phytoplankton and zooplankton, fisheries, marine mammals, and coral reef ecology are explored. Students gain and demonstrate knowledge through lectures, class discussion based on independent research, laboratory activities, and experiments. A significant portion of the course focuses on the impact of humans on marine ecosystems and includes a service learning project focused on the conservation and protection of marine ecosystems.

Optional: Open water SCUBA instruction and confined-water (pool) training sessions and a trip to a tropical reef location (Grand Cayman and Belize are past locations) will be available for students interested in SCUBA certification and a unique marine science experience. The SCUBA portion and associated trip are not required and have an additional fee (approx. \$2250). This course is offered during odd numbered school years (2017-18, 2019-20, etc.).

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Biological Science credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** Yes

**All students are required to take Lifetime Health and one additional trimester of health credit.**

## LIFETIME HEALTH

**(Required for all students)**

Lifetime Health examines the physical, mental, social, emotional, and behavioral aspects of health and wellness in today's society. Students explore the role of behavior change, decision-making, nutrition, physical fitness, mental health, drugs, alcohol, and human sexuality in consideration of decisions made striving for a healthy lifestyle. Activities and projects are used to relate and apply concepts to help develop positive lifestyle behaviors as well as to examine current health and wellness topics in our society.

**PREREQUISITE:** Open to sophomores, juniors, and seniors

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Health Credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** No

## NUTRITION

An introduction to nutrients and sources, digestive and metabolic processes, and the health impact of nutrient deficiencies and excesses. Discussion incorporates the relationships between food, nutrition, health, culture, and the environment. Environmental issues include world food supply and choices, food access and security, agriculture and production, and food safety. Essentials of human nutrition that improve and sustain optimal performance for sport and exercise are also emphasized.

**PREREQUISITE:** Open to sophomores, juniors, and seniors

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Health Credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** No

## SOCIAL AND EMOTIONAL HEALTH

An introduction to the scientific study of behavior with a focus on social and emotional health and development. The course examines development and psychological components. Typical topics include the study of the brain, mental states, emotional response and regulation, perception, learning, thinking, motivation, social development, technology, and psychological disorders. Additionally, this course enhances critical thinking skills by acquainting students with fundamental research techniques and discussions of literary works based upon fundamental social and emotional issues.

**PREREQUISITE:** Open to sophomores, juniors, and seniors

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Health Credit

**MEETS LABORATORY SCIENCES REQUIREMENT:** No

## SPORTS PSYCHOLOGY

Sports Psychology is designed to provide students with an understanding of the theoretical structure that underlies psychology as it has been applied to sport. Various mental training skills that can enhance one's athletic performance are also covered. Other areas of exploration include stress, motivation, goal-setting, leadership, and imagery.

**PREREQUISITE:** Open to juniors and seniors

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Health Credit

**MEETS LABORATORY SCIENCES**

**REQUIREMENT:** No

## HUMAN SEXUALITY

Human Sexuality is designed for seniors to help facilitate the transition to the dynamic environment of college and beyond. The course helps students navigate increased personal freedom by focusing on various aspects of human sexuality. Topics such as decision making, personal responsibility, and appropriate behaviors are explored, as they are relevant to maintaining or improving personal health. Topics may include: gender and sexuality issues, dating violence, social norms, emotions, orientation, impact of the media, cultural perspectives, historical views, contraception, and diseases. This seminar-style course embraces multiple perspectives, including those of students, faculty, and parents.

**PREREQUISITE:** Open to seniors

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Health Credit

**MEETS LABORATORY SCIENCES**

**REQUIREMENT:** No

## INDEPENDENT SCIENCE RESEARCH (ISR)

Each student in this course develops and implements a research project in consultation with the faculty of the science department. Students may choose to execute the research project in conjunction with one or two other students enrolled in ISR, with science department approval. Students are expected to be a part of experimental design, data collection, and data analysis. Each student must find an outside research expert in the

field of study. Students are required to achieve research benchmarks, meet deadlines, and demonstrate core competencies throughout the year, culminating in a presentation to members of the Wellington community at the end of the year. Although this class is an independent study, students are scheduled into a class period and will frequently meet with other students in the course.

**PREREQUISITE:** Department approval

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 Laboratory Science Credit

**MEETS LABORATORY SCIENCES**

**REQUIREMENT:** Yes

## ASTRONOMY

Astronomy provides a broad overview of several topics in modern astronomy. First, it provides a historical perspective and understanding of celestial observation. Next, it examines our solar system: how it formed, the objects it contains, and the rules that govern it. Finally, it zooms out to consider the large scale structure of the universe. A primary focus of the course is on how astronomical theories and models were developed. Algebra is used as we discuss the physical laws supporting these theories.

**PREREQUISITE:** Foundations Physical and Biological Sciences I and II; Algebra II or Honors Algebra II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Physical Science credit

**MEETS LABORATORY SCIENCES**

**REQUIREMENT:** No

## ELECTRICITY AND MAGNETISM

Electricity and Magnetism provides an overview of classical electromagnetism. It begins by exploring the nature of charge, electric fields, and electricity. Simple circuits and household wiring are considered. Next, the nature of magnetism is investigated, examining magnetic fields, magnetic forces, electric motors, and electric generators. A brief detour is taken into modern electricity production and transmission. Laboratory work, demonstrations, and numerous hands-on activities provide tangible examples of these topics. The course utilizes physical reasoning

and algebra-based problem-solving.

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II; Algebra II or Honors Algebra II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Physical Science credit

**MEETS LABORATORY SCIENCES**

**REQUIREMENT:** Yes

## WAVES AND OPTICS

Waves and Optics explores the nature of waves. The course begins with an overview of waves, looking at the behavior of water waves and physical waves found in earthquakes. Next, sound waves and the production of musical sounds are investigated. Finally, light waves and their associated phenomena are examined, such as mirrors, prisms, lenses, and the human eye. Laboratory work, demonstrations, and numerous hands-on activities provide tangible examples of these topics. The course utilizes physical reasoning and algebra-based problem-solving.

**PREREQUISITE:** Foundations of Physical and Biological Sciences I and II; Algebra II or Honors Algebra II

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Physical Science credit

**MEETS LABORATORY SCIENCES**

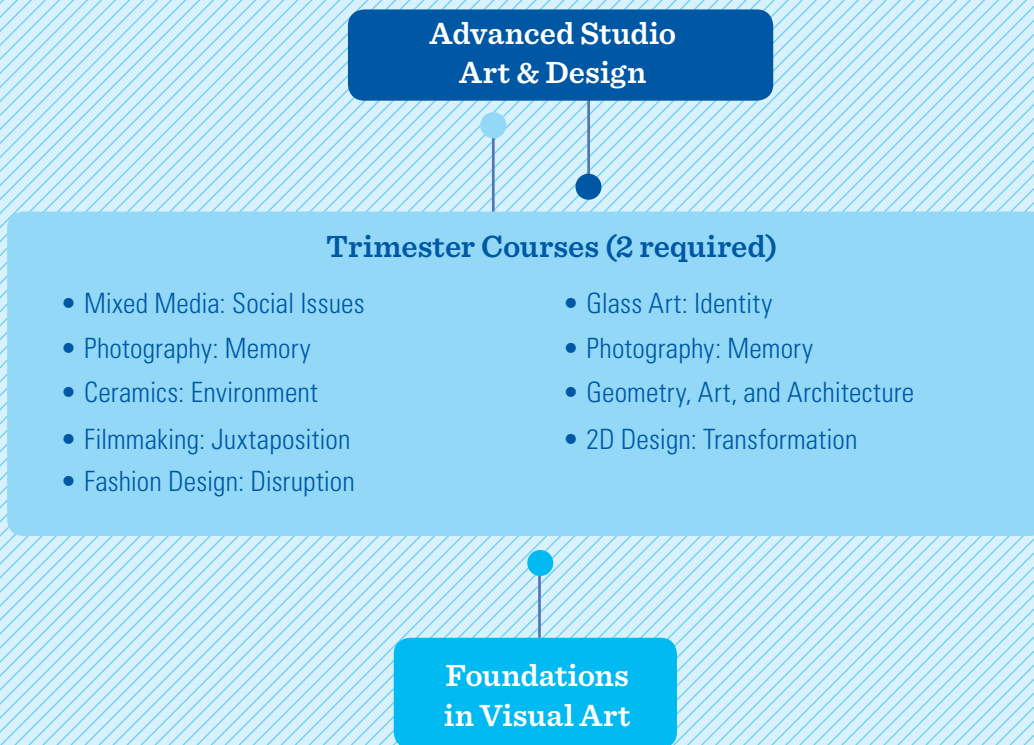
**REQUIREMENT:** Yes



# Visual Arts



# Visual Arts Curriculum Progression



## EXPECTED VISUAL ARTS TRIMESTER GRID

1st trimester (fall)	2nd trimester (winter)	3rd trimester (spring)
Mixed Media: Social Issues	Glass Art: Identity	Geometry, Art, and Architecture
Photography: Memory	Photography: Memory	Filmmaking: Juxtaposition
Ceramics: Environment	Ceramics: Environment	Ceramics: Environment
Fashion Design: Disruption		2D Design: Transformation

## FOUNDATIONS IN VISUAL ART (Required for freshmen)

Foundations in Visual Art is designed to provide students with experience in a broad array of studio practices and critical-thinking exercises about artwork from diverse cultural backgrounds and historical periods. Students learn fundamentals in two-dimensional and three-dimensional artistic processes in the studio as well as explore design thinking practices to develop a personal website.

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Visual Arts Credit

## GEOMETRY, ART, AND ARCHITECTURE

This course covers topics of mathematical structure in art and architecture and can be taken for either a visual arts credit or a mathematics credit. Related topics include the construction of polyhedral, the study of Platonic solids, the golden ratio, perspective, symmetry, and pattern in art. Geometry in architectural structures such as the Parthenon, modern architecture, and engineering are studied. Students use computer-assisted design software to generate their own architectural designs. The culmination of this course includes visits to architectural sites and the production of podcasts.

**PREREQUISITE:** Geometry

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Mathematics or Visual Arts Credit



## CERAMICS: ENVIRONMENT

Ceramics: Environment covers the basics of thrown pottery and hand-building techniques for both vessels and sculpture with clay. An understanding of the transformative process of clay is discovered by learning about the glazing and firing stages with an electric kiln. Students investigate materials from an environmental perspective to understand the composition of clay and some of the raw materials used to create glazes. Students learn about a variety of artists working within the contemporary field of ceramics while developing their own voice with this hands-on and tactile material.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Visual Arts Credit

## 2D DESIGN: TRANSFORMATION

Learn how to draw in this multi-leveled course. This course covers essential drawing skills and an introduction to drawing methods that include drawing from observation, imagination, and memory. Students experiment with a variety of media, including digital formats, to illustrate and design transformations with objects, people and places. Students are required to keep a visual journal for weekly assignments and in-class warm-ups.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Visual Arts Credit

## FASHION DESIGN: DISRUPTION

Students explore and examine the history of fashion and its relation to art history and design. This course explores fashion with a variety of media from illustration, paper garment construction, dying techniques and digital surface design. Students develop a strong understanding of the design thinking process while investigating solutions for ethical issues in fashion that include child labor, low wages, environmental degradation, health and safety risks, and animal cruelty.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Visual Arts Credit

## GLASS ART: IDENTITY

Students explore the design process using traditional and digital media to develop a composition for their own stained glass windows. Weekly journaling is integrated in the course to allow students to reflect on their process throughout the trimester. Students research glass art as it relates to a variety of cultural contexts found throughout the world. The culmination of this course is the design and creation of unique stained glass windows that explore the theme of identity.

**PREREQUISITE:** Junior and seniors only

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Visual Arts Credit



## MIXED MEDIA: SOCIAL ISSUES

Students explore a variety of techniques and applications of media that include painting, printmaking, drawing, and found-object sculpture. Combining two or more of these

media, students develop artwork that explores social issues of their choice. Work is documented and developed in a process journal and discussed during in-class critiques.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Visual Arts Credit



## PHOTOGRAPHY: MEMORY

Photography: Memory explores photography as a visual art medium in the 21st century. Situated within a contextual history of photographic developments, students explore contemporary photographic techniques and learn the technical aspects of digital single-lens reflex (DSLR) cameras, while exploring the conceptual theme of memory.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Visual Arts Credit

## FILMMAKING: JUXTAPOSITION

Filmmaking: Juxtaposition explores filmmaking as a mode of expression and source of critical study. Students engage in critical discussions about the history of film, innovation in the field, and the role of the aesthetic experience. The film projects are student-designed and student-led collaborations.

**PREREQUISITE:** Photography; Juniors and seniors only

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 Visual Arts Credit



## ADVANCED STUDIO ART AND DESIGN

Advanced Studio Art is a multimedia studio art and design course intended for students who would like to pursue art and/or design study. This year-long course is focused on the production of art and/or design projects in a collaborative group of student artists and designers. Advanced Studio Art may be used for portfolio preparation for admission into a college art or design program. Students may restrict their studies to Drawing, 2-D Design, or 3-D Design to submit an AP Studio Art portfolio. This course requires the production of an extensive body of work both in and outside of class.

**PREREQUISITE:** Three trimester studio visual art courses and department approval

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1 Visual Arts Credit

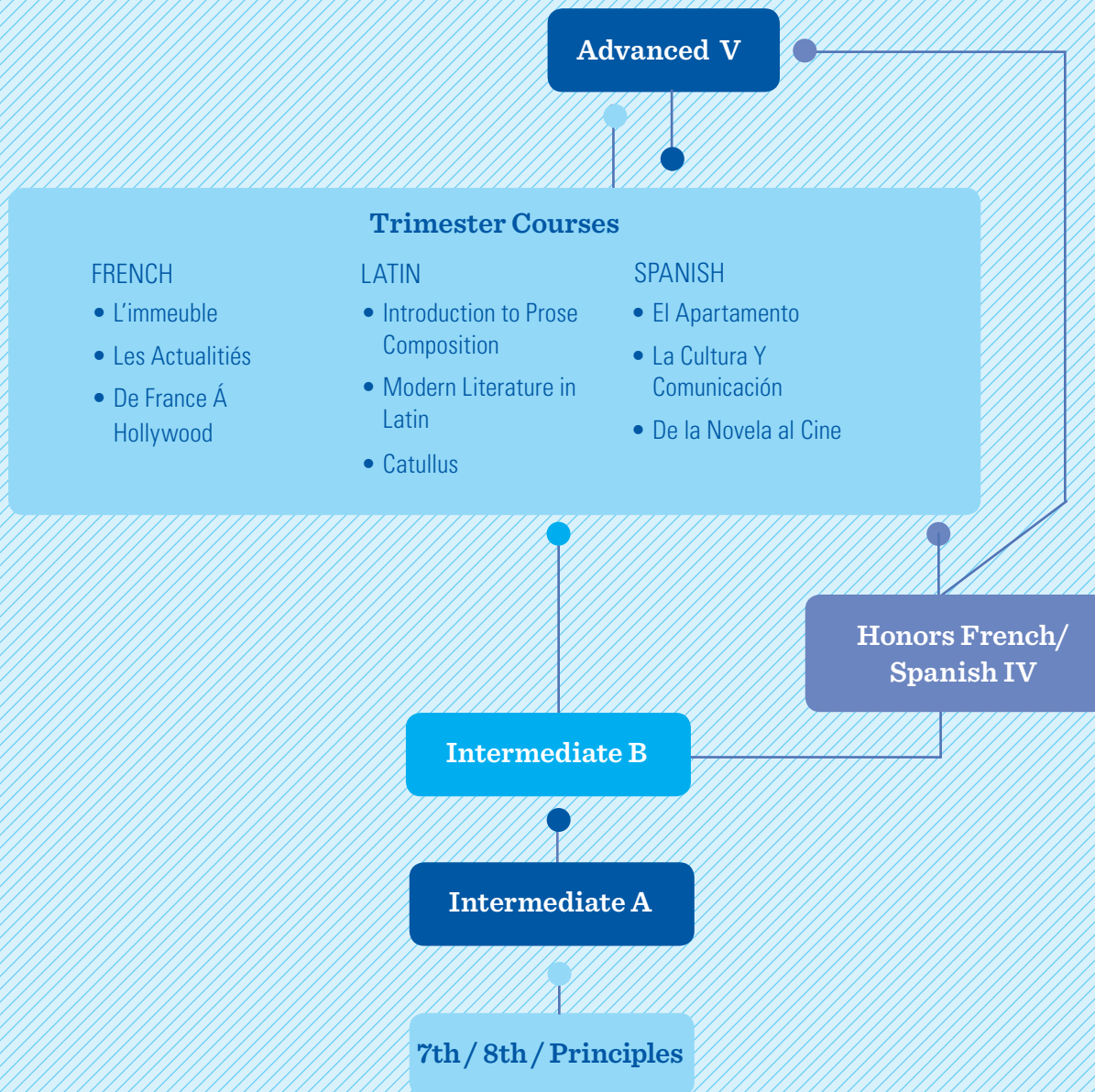




# World Languages

# World Languages Curriculum Progression

3 years of same language required



## EXPECTED WORLD LANGUAGE TRIMESTER GRID

1st trimester (fall)	2nd trimester (winter)	3rd trimester (spring)
Latin: Introduction to Prose Composition	Latin: Modern Literature in Latin	Latin: Catullus
Spanish: El Apartamento	Spanish: La Cultura y Comunicación	Spanish: De la Novela al Cine
French: L'immeuble	French: Les Actualités	French: De France Á Hollywood



## FRENCH – PRINCIPLES

French – Principles is organized around three modes of communication – interpersonal, interpretive, and presentational. Students are introduced to basic French grammar by participating in interpersonal conversations, interviews, skits, and role-playing activities. They practice the interpretive mode of communication by hearing native speakers in audio and video recordings, as well as by reading specially adapted texts. Students also prepare short presentations and write letters, emails, and short essays. French and Francophone culture is discussed throughout the course.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 World Languages Credit

## FRENCH – INTERMEDIATE A

As in the Principles course, the goal is to steer students toward proficiency in speaking, understanding, reading, and writing French. Students are given ample opportunity to hear native speakers on video, DVD, and websites. Interpersonal activities such as skits, interviews, conversations, and role-playing help students use the grammar they are acquiring in order to communicate in French. We begin to read and write more extensively. Stories are discussed, summarized, and often reenacted in class. French and Francophone culture is discussed throughout the course.

**PREREQUISITE:** French Principles or teacher approval

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 World Languages Credit

## FRENCH – INTERMEDIATE B

French – Intermediate B continues the work begun in Principles and Intermediate A, expanding communicative activities, and covering the most advanced aspects of French grammar. Extensive listening comprehension activities help train the students to understand the main points of a spoken text. Through the introduction of literature, students learn to read for gist and to discuss relevant topics in class as well as in writing. Cultural awareness is an integral part of the curriculum.

**PREREQUISITE:** French Intermediate A or teacher approval

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 World Languages Credit



## FRENCH: L'IMMEUBLE

(Apartment Building)

During the course of the trimester, each student takes on the identity of one tenant of the building, planning a life by deciding his or her personality, preferences, tastes in clothes and décor, profession, activities, and background. Spoken and written interactions between tenants are common, as are social occasions, disputes, and possibly even drama and disasters. The story flows as the tenants wish.

**PREREQUISITE:** French III (Intermediate B) or teacher recommendation

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 World Language Credit



## FRENCH: LES ACTUALITÉS

(Current Events)

Students investigate current events in France and French speaking countries, as well as US and local news, in print, on the Web, and on TV and radio. Students discuss, analyze, present, and write reactions to current events. While doing so, we prepare our own news distribution – one podcast, one video, and one newspaper.

**PREREQUISITE:** French III (Intermediate B) or teacher recommendation

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 World Language Credit



## FRENCH: DE FRANCE À HOLLYWOOD

(From France to Hollywood)

A good number of French movies later become “Americanized” by Hollywood. What is “French” and what is “American?” What can we learn about the two cultures by the differences between the original French film and its American remake? Students watch select films and discuss these and other questions of culture.

**PREREQUISITE:** French III (Intermediate B) or teacher recommendation

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 World Language Credit



## HONORS FRENCH IV / ADVANCED FRENCH V

Honors French IV / Advanced French V involves exposure to authentic texts, written (taken from newspapers and magazines) and spoken (taken from news broadcasts and videos). We discuss current events in Europe and French-speaking countries, along with a wide range of issues, as presented in the media and in literature. Students are encouraged to express their opinions and react to the opinions of others. Emphasis is placed on accurate self-expression, both spoken and written. Therefore, we thoroughly review grammar, as well as routinely practice speaking and writing. This course runs on a two-year cycle; the material is different each year so that students complete two years without repetition. Students in Advanced French V will be eligible to take the AP examination in French Language.

**PREREQUISITE:** For Honors French IV: Intermediate B and department approval; For Advanced French V: Honors French IV and department approval

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 World Languages Credit

## LATIN – PRINCIPLES

This course is an introduction to the fundamentals of classical Latin, emphasizing grammar, reading comprehension, vocabulary, and English derivatives. Grammar topics include all verb tenses in both the active and passive voices, three declensions of nouns, the uses of six cases, adjective modification, & adverb formation. In addition, opportunities are offered to pursue individual interests in various aspects of culture and history.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 World Languages Credit

**LATIN – INTERMEDIATE A**

Latin – Intermediate A is a continuation of basic Latin, completing the study of grammar and syntax as well as general aspects of culture and history. Topics covered include comparison of adjectives and adverbs, indirect discourse, participles, uses of the subjunctive mood, and the ablative absolute. Increased emphasis is placed upon mastering the translation of Latin prose to English.

**PREREQUISITE:** Latin Principles

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1/3 World Languages Credit

**LATIN – INTERMEDIATE B**

A thorough review of the forms and syntax of classical Latin begins this course, the primary focus of which consists of readings from a variety of authors including Livy, Caesar, and Ovid. The study of military organization, an overview of Roman historians, and an understanding of Caesar as a prose stylist supplement this aspect of the course, while readings from Ovid’s “Metamorphoses” provide an introduction to Roman epic poetry.

**PREREQUISITE:** Latin Intermediate A

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 World Languages Credit

**LATIN: INTRODUCTION TO LATIN PROSE COMPOSITION**

This course focuses on the use of grammar and practice of writing to convey messages. This includes expressing relationships within a clause and connecting independent sentences to create a full text. The subtleties of word order as well as slight changes in meanings for similar vocabulary are emphasized throughout the course.

**PREREQUISITE:** Latin Intermediate B or teacher approval

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 World Languages Credit

**LATIN: MODERN LITERATURE IN LATIN**

In this course, students read a range of authors in Latin after the fall of Rome. This includes both authors who wrote in Latin and those whose works have been translated into Latin. Authors such as Copernicus, Holberg, A. A. Milne, E. B. White, and J. K. Rowling cover many topics, from the movement of celestial bodies to witch craft and wizardry. These works include complex grammar and force the reader to fully understand the sentence structure in both English and Latin. The capstone of the course is the creation of storybooks in Latin.

**PREREQUISITE:** Latin Intermediate B or teacher approval

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 World Languages Credit

**LATIN: CATULLUS AND THE ROMAN RELATIONSHIP**

Gaius Valerius Catullus wrote some of Rome’s most recognizable love poetry. His relationship with an infamous woman of the Roman elite gives us a fascinating glimpse into the romantic Roman relationship. In this course we examine his works, the Romans view on romance, and Catullus’ place in Roman literary history.

**PREREQUISITE:** Latin Intermediate B or teacher approval

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 World Languages Credit

**ADVANCED LATIN**

Advanced Latin extends the study of Latin literature begun in Latin Intermediate B to focus on Vergil’s “Aeneid” and Caesar’s “Gallic War.” In addition to reading comprehension, appreciation of the various themes and structures of the Roman epic poem is stressed. The study of figures of speech, literary techniques, and stylistic forms, as well as the history of the Late Republic and the Augustan Age, supplement the reading selections.

**PREREQUISITE:** Two Trimester Courses and department approval

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 World Languages Credit

**SPANISH – PRINCIPLES**

Spanish – Principles enables students to acquire the four language skills of listening, speaking, reading, and writing. Sound patterns, dialogues, vocabulary, and basic grammar structures are presented. A brief summary of Spanish holiday customs, geography, and cultural comparisons is included. Students learn about the daily life, holidays, and customs of people in Spanish-speaking countries and compare them to their own. The class is conducted largely in Spanish.

**PREREQUISITE:** None

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 World Languages Credit

**SPANISH – INTERMEDIATE A**

Spanish – Intermediate A reinforces basic skills, expands vocabulary, and further develops grammar concepts. Reading and writing skills are developed and students increase oral communication skills. Short narrative readings, study of Hispanic cultures, and writing of short paragraphs are included. This class is taught largely in Spanish, with English explanations to clarify grammar points.

**PREREQUISITE:** Spanish Principles

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 World Languages Credit

**SPANISH – INTERMEDIATE B**

Spanish – Intermediate B is a consolidation and polishing of listening and speaking skills with an increased emphasis on the development of reading and writing. The reading of contemporary selections helps expand vocabulary and provide context for composition and conversation. Grammar structures are reviewed and students hone their use of grammar through oral presentations and compositions. Cultural awareness is an integral part of the curriculum. The class is conducted in Spanish.

**PREREQUISITE:** Spanish Intermediate A

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 World Languages Credit





## SPANISH: DE LA NOVELA AL CINE

(Novel to Film)

Spanish: De La Novela Al Cine focuses on Hispanic literary works and themes and their adaptation to film. Students read and discuss literature and films. There are discussions comparing and contrasting the literary selections and films, role-playing, and movie critiques. This course strengthens communication and comprehension proficiency.

**PREREQUISITE:** Spanish Intermediate B or teacher approval

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 World Languages Credit



## SPANISH: EL APARTAMENTO

(The Apartment)

Spanish: El Apartamento strengthens students' communication proficiency in a simulated "real-world" context. Students pretend to move to a Spanish-speaking country and take on the identity of tenants in an apartment building. They learn to navigate the city, develop their personalities, preferences, tastes in clothing and décor, professions, activities, and background. Current events are investigated and discussed. Spoken and written interactions between the tenants are common, as are social occasions, disputes, and even the possibility of drama and disasters. The story flows as the tenants wish.

**PREREQUISITE:** Spanish Intermediate B or teacher approval

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 World Languages Credit



## SPANISH: LA CULTURA Y COMUNICACIÓN

(Culture and Communication)

Students explore popular Hispanic music, celebrities, culture, cultural trends, television, commercials, sports, social media, and current events. This course helps students strengthen their Spanish communication skills through the use of apps, multimedia technology, and everyday conversation.

**PREREQUISITE:** Spanish Intermediate B

**COURSE DURATION:** 1 Trimester

**COURSE CREDIT:** 1/3 World Languages Credit



## HONORS SPANISH IV

Honors Spanish IV is for students who wish to further their proficiency in Spanish. It offers intensive speaking and writing practice, as well as many opportunities to improve listening and reading comprehension. Students read extensively and produce written projects and oral reports. This course is a precursor to the Advanced Spanish V course preparing students for the AP Spanish Language exam.

**PREREQUISITE:** Spanish Intermediate B and department approval

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 World Languages Credit



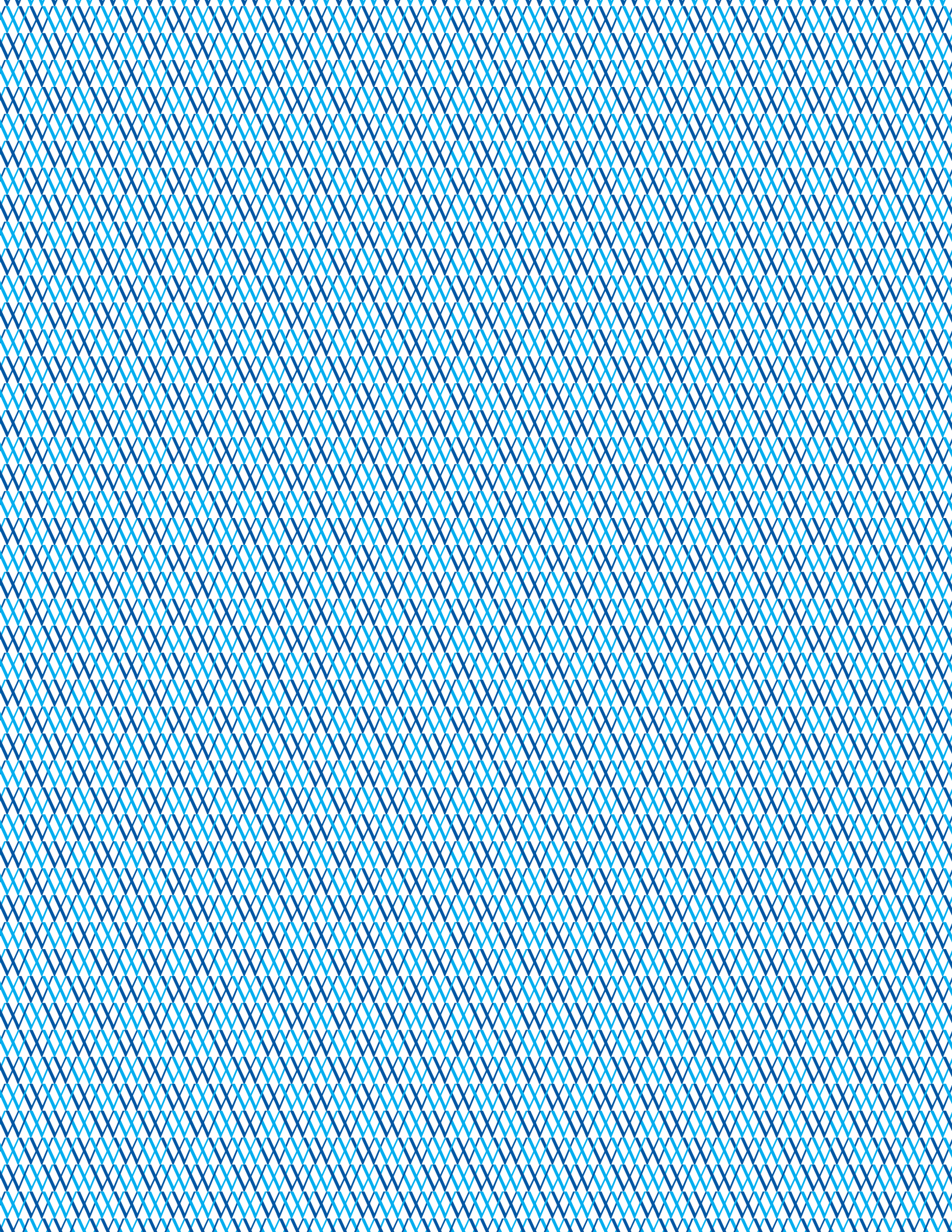
## ADVANCED SPANISH V

Advanced Spanish emphasizes the use of Spanish for active communication. Students further their proficiency by practicing their oral skills, listening comprehension, reading comprehension, and writing skills, while continuing to review grammar and to read literary selections. Students in Advanced Spanish V are eligible to take the AP exam.

**PREREQUISITE:** Spanish IV Honors and department approval

**COURSE DURATION:** 1 Year

**COURSE CREDIT:** 1 World Languages Credit



# The Wellington School

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