



WHEATON ACADEMY

HIGH SCHOOL ROADMAP

A Quick Guide to Your Student's
Four Years of Innovative Learning at
Wheaton Academy

WHEATON ACADEMY IS A
2019 RECIPIENT OF THE
NATIONAL BLUE RIBBON AWARD





IT STARTS WITH ACADEMICS

At Wheaton Academy, you will experience innovative, cross-disciplinary learning opportunities grounded in Biblical truth. As a standard bearer for academic excellence among private Christian schools, we commit to provide an unmatched educational experience. And don't just take our word for it—we've been named a high performing National Blue Ribbon School by the US Department of Education. From our extensive catalog of AP courses, to our cutting-edge MASTER certificate program, to our two-week Winterim term packed with specialized courses, internships, and travel options, there are so many ways to customize your education to reflect your passions and giftings as you prepare for the future.

Find out more at
WHEATONACADEMY.ORG/ACADEMICS

SCHEDULE BASICS

2 SEMESTERS a school year

7 CLASS PERIODS each semester

YEAR LONG CLASSES and **SEMESTER CLASSES**

Select courses offered during **SUMMER ACADEMY** (See Curriculum Guide pages 60-62)

BEFORE AND AFTER SCHOOL OPTIONS to meet yearly PE requirement

GRADUATION REQUIREMENTS can be found in the Curriculum Guide on pages 7-10.

CONTENTS

This quick guide is designed to help you understand the course progression for each department at Wheaton Academy. Throughout this booklet, you'll also find sample student schedules that reflect the breadth of customization available to students with varying interests and passions.

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HUMANITIES CURRICULUM

Core Concepts



English

9th	10th	11th	12th
English I Advanced or English I <i>Communication for the 21st Century by the end of Sophomore Year</i>	English II Advanced or English II <i>Economics & Personal Finance by the end of Senior Year</i>	AP English Language and Composition or English III	AP English Literature and Composition or two Senior English courses

Electives and Senior English Courses are listed in the Curriculum Guide on pages 24-27.

Social Studies

9th	10th	11th	12th
Intro to Historical Inquiry	AP World History or Contemporary World History and one Sophomore World History Course <i>Economics & Personal Finance by the end of Senior Year</i>	AP U.S. History or U.S. History	AP U.S. / Comparative Government and Politics or U.S. Government and Current Issues or Comparative Government

Electives and Sophomore World History Courses are listed in the Curriculum Guide on pages 49-52.

Bible

9th	10th	11th	12th
Foundations of Faith	Spiritual Formation	Life of Christ	Doctrine & Apologetics and one Senior Bible Course

Electives and Senior Bible Courses are listed in the Curriculum Guide on pages 20-21.

THESE COULD BE YOUR HIGH SCHOOL CLASSES

Sample Schedule

This student pursues a true liberal arts education while at Wheaton Academy, discovering his passions through classes over a four year sequence. The schedule below provides this student with the academic excellence of Wheaton Academy while not selecting a specific area of emphasis.



	GRADE 9	GRADE 10	GRADE 11	GRADE 12
<i>Bible</i>	Foundations of Faith	*Spiritual Formation	*Life of Christ	*Doctrine & Apologetics *Philosophy, Theology, and Worldview
<i>English</i>	English I	English II	English III	*Modern Literature *Shakespeare
<i>Math</i>	Algebra I	Geometry	Algebra II	Statistics
<i>Science</i>	Physics	Chemistry	Biology	*Intro to Robotics
<i>Social Studies</i>		*Contemporary World History *World History: Heroes & Villains	United States History *Intro to Psychology *Economics & Personal Finance	*US Government & Current Issues AP Psychology
<i>Fine Arts</i>	Orchestra *Intro to Ceramics *Intro to Illustration	Orchestra	Orchestra	Orchestra *Music Theory & Composition
<i>Language</i>	French I	French II		
<i>Health/PE</i>		*Intro to Dance	*Strength & Conditioning	*Advanced Topics in Health ^Fitness for Life

*indicates a semester-long course

^indicates a before/after-school PE option

SUMMER	Intro to Health and Fitness Intro to Historical Inquiry	Communication for the 21st Century		
WINTERIM	Music in the Movies Top the Charts: Songwriting	Myth Building and Storytelling Faith & Film	American Sign Language Intro to Interior Design	Internship at a Production Studio

THE GENERALIST

This schedule is similar to the first high school schedule but doesn't include summer courses. Students take the required number of credits for graduation and enjoy choosing a few electives to broaden their learning experience. For example, this student was able to take a few AP courses, a world language, and fine arts electives.



	GRADE 9	GRADE 10	GRADE 11	GRADE 12
<i>Bible</i>	Foundations of Faith	*Spiritual Formation	*Life of Christ	*Doctrine & Apologetics *Studies in Biblical Narrative, Poetry, and Prophetic Literature
<i>English</i>	English I (Adv)	English II (Adv) *Communication for the 21st Century	AP English Language and Composition	AP English Literature and Composition *Creative Writing
<i>Math</i>	Geometry (Adv)	College Algebra	Precalculus	Statistics
<i>Science</i>	Physics (Adv)	Chemistry (Adv)	Biology	
<i>Social Studies</i>	*Intro to Historical Inquiry	AP World History	United States History *Economics & Personal Finance	*US Government & Current Issues *Intro to Sociology
<i>Fine Arts</i>	*Intro to Media Arts *Percussion Studies	Percussion Ensemble	*WAtv	*Intro to Ceramics
<i>Language</i>	Spanish I	Spanish II	Spanish III	AP Spanish Literature and Culture
<i>Health/PE</i>	*Intro to Health & Fitness	^Performance Program	*Strength & Conditioning	*Advanced Topics in Health *Strength & Conditioning

*indicates a semester-long course

^indicates a before/after-school PE option

WINTERIM	ABC's of Teaching	Scotland Trip	Internship at Northwestern Medicine	Internship at Tyndale Publishing House
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SCIENCE CURRICULUM

Students are required to take the following science courses:

	 PHYSICS	 CHEMISTRY	 BIOLOGY
SKILLS	Students focus on data gathering, organization, and inquiry in simple systems.	Students refine technique and data analysis with more complex chemical systems.	Students further hone their questioning and apply skills to highly intricate living systems.
SAMPLE CONTENT	Electromagnetism determines how particles of different charges are attracted to one another.	Patterns of attraction between particles determine chemical bonds in molecules.	The bonding patterns in molecules determine the way they interact in living systems.
	Energy is conserved throughout physical interactions.	Chemical reactions conserve energy through breaking and forming bonds.	Living things have complex systems for capturing the energy of chemical reactions.
MATH INTEGRATION	Students describe the world using basic concepts of Algebra and Geometry, establishing a foundational integration.	Students predict outcomes of reaction and evaluate yields through the application of more advanced mathematical concepts.	Students evaluate patterns among living systems through statistics and linear models.

WHY START WITH PHYSICS?

Students benefit when they start high school with a foundational understanding that the world is governed by physics laws, is comprised of particles and waves, and acts according to predictable patterns (the core concepts of Physics). Chemistry builds on that knowledge, as does Biology, and, by teaching Physics first, we can dive deeper, explain more, and draw stronger connections among the concepts in our other science courses.

DOESN'T PHYSICS INCLUDE ADVANCED MATH?

Starting high school science with Physics is often confusing to those who tend to associate Physics with Calculus and Advanced Mathematics. The concepts of Physics, however, are foundational and can help students explain the world algebraically starting freshman year. Of course, Calculus is important, and we encourage students wanting to pursue Physics beyond graduation to take AP Physics their junior or senior year.

See Curriculum Guide pages 44-48 for more information.

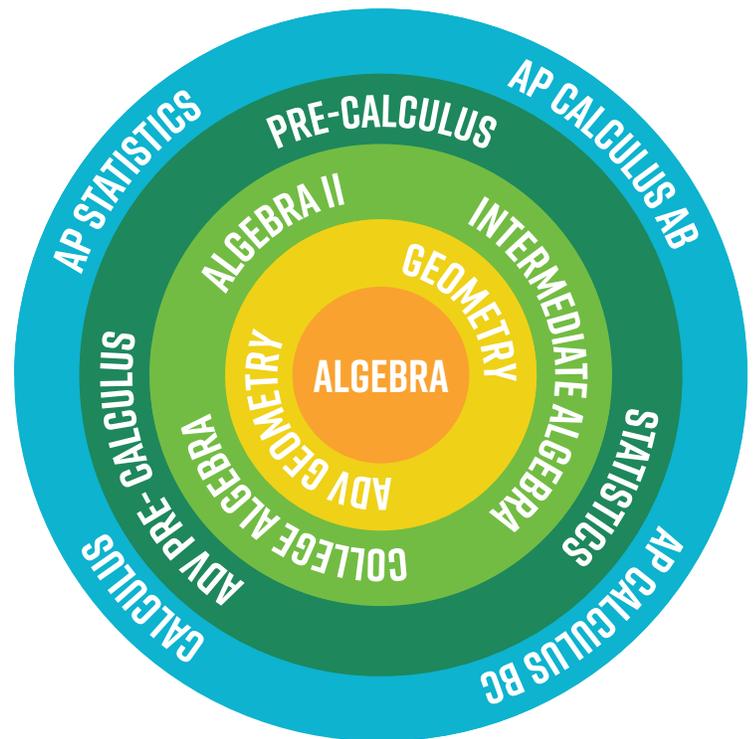
MATH CURRICULUM

The math courses at Wheaton Academy are based on a progression of skills that takes students from the mastery of key algebraic skills and spatial reasoning to the exploration of advanced math concepts.

HOW DO I DECIDE WHICH COURSES TO TAKE AND WHEN TO TAKE THEM?

Using the graph as a reference, all students start at the center and move outward. When students demonstrate mastery at one level, they are ready to take a course in the next level. Once they have mastered Extended Algebra, students may also choose to take multiple courses at one level such as Precalculus and Statistics.

Students are initially placed in a math course at the beginning of freshman year. As they progress through the curriculum, however, they can decide which courses to take based on demonstrated proficiencies and earned grades. By senior year, a majority of our students decide to pursue advanced mathematics either through Calculus or Statistics, with a sizable portion opting to take courses in both areas. However, only three years of Math are required to graduate.



- ALGEBRA
- LOGIC & SPATIAL REASONING
- EXTENDED ALGEBRA
- TRANSITION TO ADVANCED MATH
- ADVANCED MATH

HOW DOES WHEATON ACADEMY DECIDE WHERE TO PLACE STUDENTS?

Students entering Wheaton Academy are placed in math courses based on two criteria: the student's 8th-grade math enrollment and the score earned on the math placement exam. Of the two, the score on the math placement exam is most helpful in determining placement, as it shows what a student is capable of doing regardless of the classes formally taken. Because the mastery of key skills is essential for success in later courses, accurate placement is very important. Freshmen may start their math sequencing at *any level* within the graph above *if mastery of key skills in the graph's previous level is demonstrated through the math placement exam.*

See Curriculum Guide pages 38-40 for more information.

THE FUTURIST

Planning ahead is always valuable and we know that some students enter high school with a very clear focus on what they want their future to look like. With the futurist schedule, Wheaton Academy students can focus on their future goals and prepare for their college experience through advanced placement classes. By following this type of schedule, other students have entered college with enough college credits to start with sophomore status, saving an entire year of college tuition.



	GRADE 9	GRADE 10	GRADE 11	GRADE 12
<i>Bible</i>	Foundations of Faith	*Spiritual Formation	*Life of Christ	*Doctrine & Apologetics *Expository Preaching
<i>English</i>	English I (Adv)	English II (Adv) *Communication for the 21st Century	AP English Language and Composition	AP English Literature and Composition
<i>Math</i>	College Algebra	Precalculus (Adv)	AP Calculus	
<i>Science</i>	Physics	AP Chemistry	AP Biology	AP Environmental Science AP Physics
<i>Social Studies</i>	*Intro to Historical Inquiry	AP World History	AP United States History AP Psychology	AP US & Comparative Government AP Economics
<i>Fine Arts</i>	*Intro to Media Arts *WAtv	*Pre-AP Studio Art *AP Studio Art		
<i>Language</i>	Spanish II	Spanish III	AP Spanish Language and Culture	AP Spanish Literature and Culture
<i>Health/PE</i>	*Intro to Health and Fitness	^Fitness for Life	^Fitness for Life *Advanced Topics in Health	^Fitness for Life

*indicates a semester-long course

^indicates a before/after-school PE option

SUMMER		Accelerated Chemistry (Adv)	Biology (Adv)	
WINTERIM	China 101 Nuclear Physics	Spain Trip	Internship at FONA	Guatemala Trip



MASTER PROGRAM

Every student at Wheaton Academy participates in the MASTER Program. By taking math and science classes throughout high school, each student receives valuable training in how to think about the world quantitatively, ask insightful questions, and integrate math skills and scientific insight in pursuit of a fuller understanding of who God is and what He has made.

In addition to the core math and science classes, the MASTER program also provides students with cutting edge opportunities in robotics, technology, engineering, and laboratory research. In doing so, we train leaders with the skills and wisdom to serve as God’s people in some of the most exciting and innovative fields in the world today.

MASTER Courses

Mathematics	Applied Science	Technology	Engineering	Research
Geometry Adv Geometry Algebra 2 College Algebra Pre-Calculus Adv Pre-Calculus Statistics AP Statistics AP Calculus AB AP Calculus BC	Physics Advanced Physics Chemistry Advanced Chemistry Biology Advanced Biology Anatomy/Physiology AP Physics AP Chemistry AP Biology AP Environmental Science Ecology and Human Impact	Intro to Python Programming Intro to Robotics Advanced Robotics AP Computer Science Networking Advanced Python Programming Story and Animation Design	3D Design: CAD Intro to Engineering Engineering Design MASTER Capstone Project	Genetics and Biological Research AP Seminar AP Research Topics in Science and Biblical Truth Who Lives, Who Dies, Who Tells Your Story? The Ethics of Science and Storytelling

MASTER Scholar Designation

What are the Academic Requirements for this Program?

Students can receive a MASTER Scholar designation on their diploma by completing at least 30 credits of MASTER courses with a cumulative GPA of 3.5 or above in those courses. Requirements include at least one course in each of the five areas of the program but can be met via two different tracks.

See Curriculum Guide page 12-13 for more information.

THE MASTERMIND



At Wheaton Academy, we call the traditional STEM Program the MASTER Program, and every student is a part of this program at some level. There are some students who want to focus solely on studies in the disciplines of Math, Applied Science, Technology, Engineering, and Research. This student has a MASTER Scholar designation on her high school diploma because she chose electives within the MASTER Program and met the MASTER Scholar designation credit requirement.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
<i>Bible</i>	Foundations of Faith	*Spiritual Formation	*Life of Christ	*Doctrine & Apologetics *Topics in Science and Biblical Truth
<i>English</i>	English I	English II *Communication for the 21st Century	English III	AP English Literature and Composition
<i>Math</i>	College Algebra	Precalculus (Adv)	AP Calculus	AP Statistics
<i>Science</i>	*Genetics and Biological Research *Intro to Engineering *Intro to Robotics Physics (Adv)	Chemistry (Adv) *Intro to Python Programming *Engineering Design	*Advanced Python Programming Biology (Adv) *AP Seminar *Networking	AP Chemistry AP Physics C MASTER Capstone Project
<i>Social Studies</i>	*Intro to Historical Inquiry	AP World History *Economics & Personal Finance	AP United States History	AP US Comparative Government and Politics
<i>Fine Arts</i>	*Intro to Media Arts		*Graphic Design I	
<i>Language</i>				
<i>Health/PE</i>	*Intro to Health and Fitness	*Intro to Dance	*Advanced Topics in Health ^Zero Hour Performance Program	^Zero Hour Performance Program

*indicates a semester-long course

^indicates a before/after-school PE option

WINTERIM	Intro to Manufacturing Technology Nuclear Physics	Applied Science & Technology Historical Interactive: Cold War	Aviation Business Startup	Internship at FermiLab
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FINE ARTS

Wheaton Academy offers over forty different fine arts classes and over a dozen musical ensembles so that you will have opportunities to explore and refine your craft as an artist and performer. Two semesters of Fine Arts classes are required for graduation.

Theatre

Intro to Performing Arts
Musical Theatre Studies
Drama Studies
Advanced Drama Studies

Dance

Intro to Performing Arts
Musical Theatre Studies
Introduction to Dance
Intermediate Dance
Advanced Dance

Vocal

Intro to Performing Arts
Vocal Performance Lab
Musical Theatre Studies
Men's Ensemble
Women's Chorale (Reg/Adv)
Concert Choir (Reg/Adv)
Music Theory & Composition
AP Music Theory

Instrumental

Introduction to Piano
Band (Reg/Adv)
Orchestra (Reg/Adv)
Percussion Studies
Percussion Ensemble
(Reg/Adv)
Music Theory & Composition
AP Music Theory

Visual

Intro to Ceramics
Intro to Illustration
Intermediate Ceramics
Intermediate Illustration
Sculpture
Advanced Ceramics
Advanced Illustration
Pre-AP Studio Art
AP Studio Art

Media

Intro to Media Arts
Video Production
Photography
Graphic Design I
WAtv
Sports Broadcasting
Advanced/Competitive
Video
Pre-AP Studio Art
AP Studio Art

THE ARTIST

Whether it is performing arts or visual arts, Wheaton Academy can customize a student's schedule to explore passions and crafts. While students learn the basics in various disciplines, they are encouraged in the experimental nature of the arts and mentored to grow as artists and performers. Paired with excellent academics, creativity and inspiration will flow out of every student dedicated to growing as an artist.



	GRADE 9	GRADE 10	GRADE 11	GRADE 12
<i>Bible</i>	Foundations of Faith	*Spiritual Formation	*Life of Christ	*Doctrine & Apologetics *Authentic Christ-Centered Discipleship
<i>English</i>	English I (Adv)	English II (Adv)	English III (Adv)	*Creative Writing *Shakespeare *Who Lives... The Ethics of Science and Storytelling
<i>Math</i>	Algebra I	Geometry	Intermediate Algebra	Statistics
<i>Science</i>	Physics	Chemistry	Biology	*Story and Animation Design
<i>Social Studies</i>		*Contemporary World History *World History: Art History	AP United States History	*US Government & Current Issues
<i>Fine Arts</i>	Band *Introduction to Performing Arts *Musical Theatre Studies	Band *Intro to Ceramics	Band *Intro to Illustration *Sculpture	Band *Pre-AP Studio Art: 2D Design & Drawing *AP Studio Art: 2D Design & Drawing
<i>Language</i>	Spanish I	Spanish II (Adv)		
<i>Health/PE</i>			*Intermediate Dance	*Advanced Dance

*indicates a semester-long course

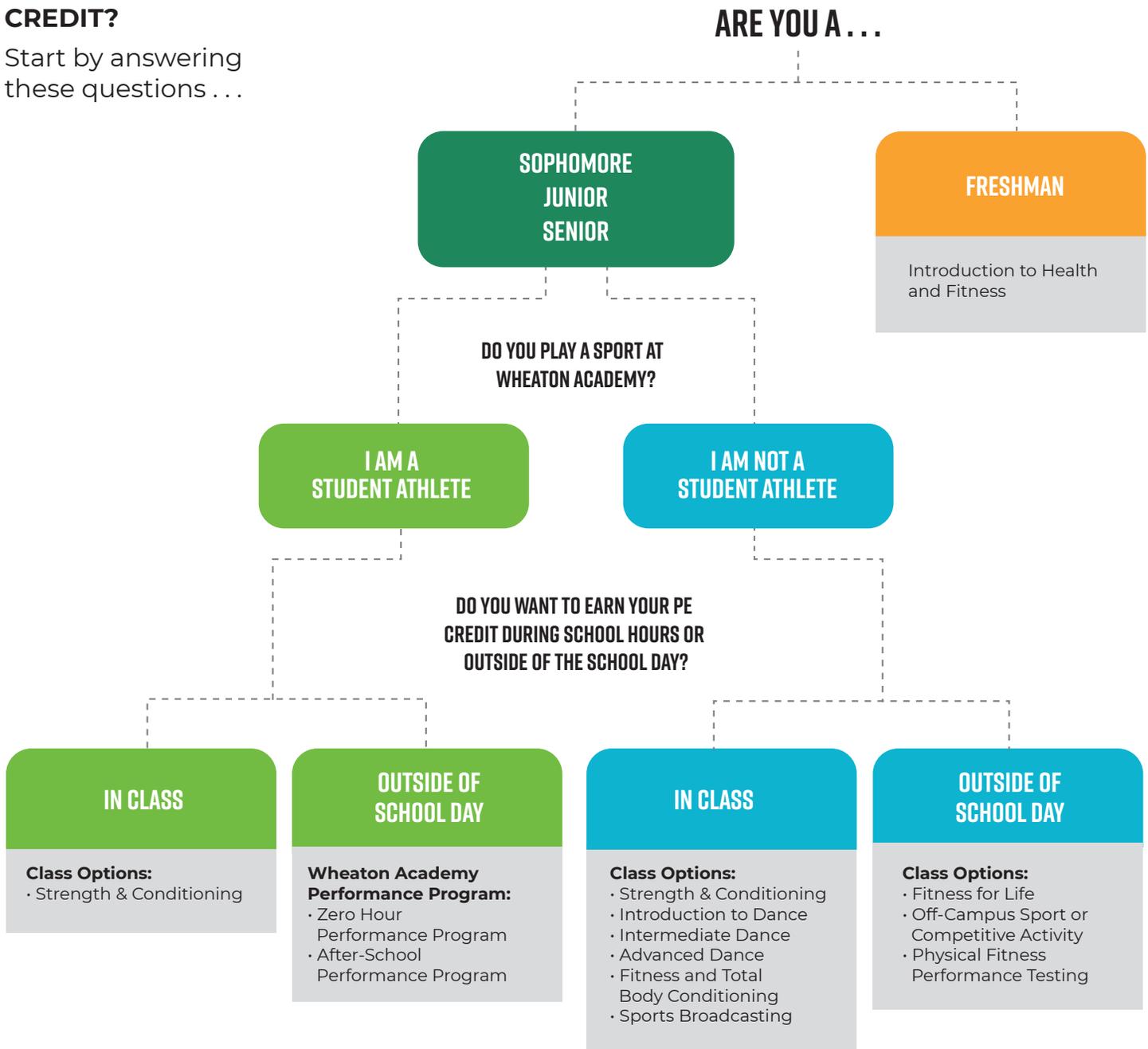
SUMMER	Intro to Health and Fitness Intro to Historical Inquiry	Communication for the 21st Century Intro to Dance	Advanced Topics in Health	Economics & Personal Finance
WINTERIM	Music in the Movies Watercolor and Collage	Intro to Lifestyle Photography Video Editing	Israel Trip	Internship at a Design Firm

PHYSICAL EDUCATION

In order to graduate, students must meet one PE requirement for each of their four years in high school, one of which must include Introduction to Health and Fitness during their freshman year. All students will be required to complete Advanced Topics in Health by their senior year.

HOW DO I GET MY PHYSICAL EDUCATION CREDIT?

Start by answering these questions . . .



THE ATHLETE



Students often come into Wheaton Academy with their eyes set on the outstanding athletic programs and opportunities offered. The athlete schedule helps a student focus on developing the whole self through excellent academic opportunities and quality fitness training and coaching. This athlete took PE classes during the school day and focused on Business classes as electives. While students at Wheaton Academy excel on the athletic field, it all starts in the classroom.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
<i>Bible</i>	Foundations of Faith	*Spiritual Formation	*Life of Christ	*Doctrine & Apologetics *Philosophy, Theology, and Worldview
<i>English</i>	English I	English II *Communication for the 21st Century	English III *Story & Animation Design	*Modern Literature *Advanced Communication Studies
<i>Math</i>	Algebra I	Geometry	Algebra II	Precalculus
<i>Science</i>	Physics (Adv)	Chemistry (Adv)	Biology (Adv)	*Intro to Engineering
<i>Social Studies</i>	*Intro to Historical Inquiry	*Contemporary World History *World History Revolutions *Business Principles	AP United States History *Marketing	*US Government and Current Issues *Economics & Personal Finance *Entrepreneurship and Investment Marketing
<i>Fine Arts</i>	*Intro to Illustration *Intro to Media Arts		*WAtv	*Video Production *Sports Broadcasting *Intro to Dance
<i>Language</i>	Chinese I	Chinese II		
<i>Health/PE</i>	*Intro to Health & Fitness	*Strength and Conditioning	*Strength and Conditioning *Advanced Topics in Health	*Strength and Conditioning

*indicates a semester-long course

WINTERIM	Art of Competition So You Want to Work in Sports?	Basketball Team Trip	Chicago Sports Scene Soccer and Culture	Internship with the Chicago Bears
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WORLD LANGUAGES

Core Concepts

Language and communication are at the heart of the human experience. The World Languages Department emphasizes the importance of educating students who will be linguistically and culturally equipped to communicate in a 21st century global context. Our courses focus on the development of language skills and cultural understandings, which are demonstrated through different modes of communication in the target language.



Language Courses

Spanish	French	Chinese	Latin
Spanish I (Reg/Adv)	French I (Reg/Adv)	Chinese I	Latin I (Online)
Spanish II (Reg/Adv)	French II (Reg/Adv)	Chinese II	Latin II (Online)
Spanish III (Reg/Adv)	French III (Adv)	Chinese III	Latin III (Online)
Spanish IV (Reg/Adv)	AP French Language and Culture	Chinese IV	
AP Spanish Language and Culture			
AP Spanish Literature and Culture			

THE RENAISSANCE SCHOLAR



Some students have sincere interest in a little bit of everything, and to pigeon-hole them into a fixed schedule would stifle their creativity. These students can follow the renaissance scholar schedule to not only excel academically but thrive in fine arts and on the athletic field. Wheaton Academy offers individualized learning paths. The combination of Summer Academy Enrollment and taking PE classes during the school day allows this student to have additional time for after-school commitments.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
<i>Bible</i>	Foundations of Faith	*Spiritual Formation	*Life of Christ	*Doctrine & Apologetics *Philosophy, Theology, & Worldview
<i>English</i>	English I (Adv)	English II (Adv)	English III (Adv)	AP English Literature and Composition
<i>Math</i>	Geometry	College Algebra (Adv)	Precalculus (Adv)	AP Statistics
<i>Science</i>	Physics (Adv) *Intro to Engineering	Chemistry (Adv)		
<i>Social Studies</i>	*Intro to Historical Inquiry	AP World History	AP United States History	AP Psychology *Economics & Personal Finance
<i>Fine Arts</i>	*Introduction to Performing Arts *Musical Theatre Studies	Men's Ensemble	*Drama Studies *Advanced Drama Studies Concert Choir	*Advanced Drama Studies Concert Choir
<i>Language</i>	French I	French II	French III	
<i>Health/PE</i>		*Strength & Conditioning	*Strength and Conditioning	*Advanced Topics in Health *Sports Broadcasting

*indicates a semester-long course

SUMMER	Intro to Health and Fitness Intro to Media Arts	Communication for the 21st Century	Biology (Adv)	
WINTERIM	Tip Top Tap WWII: Changing History	Scotland Trip	US Government DC Trip	Internship at a local Theatre



Students practice taking a tissue biopsy during Winterim class Med School 101. As a part of your Wheaton Academy journey, you will be given forty to sixty Winterim classes to choose from each year, but you will also have the unique opportunity to travel the world on a variety of educational and missions trips during our two week January term.

WHEATONACADEMY.ORG/WINTERIM

TAKE THE NEXT STEP EXPERIENCE

Connect with us at a virtual event or an in-person event to experience Wheaton Academy.

[WHEATONACADEMY.ORG/VISIT](https://wheatonacademy.org/visit)

APPLY

Start your application at

[WHEATONACADEMY.ORG/APPLY](https://wheatonacademy.org/apply)



WHEATON ACADEMY CHANGED MY DAUGHTER'S LIFE. SHE CAME FROM ANOTHER SCHOOL AND DID NOT KNOW ANYONE BEFORE HER FIRST DAY. BUT, AFTER HER FOUR YEARS AT WHEATON ACADEMY, I AM CONVINCED THAT IT WAS THE BEST CHOICE WE HAVE MADE FOR OUR DAUGHTER.

SOPHIA, ALUMNI PARENT



SOLI
DEO
GLORIA

**RELATIONSHIPS, EXCELLENCE, AND
SERVICE TO THE GLORY OF GOD**