



**GEORGE
WALTON**
ACADEMY
— EST. 1969 —

2020-2021
COURSE CATALOG

Table of Contents

OUR MISSION & IMPORTANT INFORMATION	3
REGISTRATION & COURSE ASSIGNMENT	3
HONORS & ADVANCED PLACEMENT	3
GRADUATION REQUIREMENTS	4
SEMESTER GRADE WEIGHTING & DROP/ADD POLICY	5
REPORT CARDS & SENIOR RE-EXAMINATION POLICY	5
NINTH GRADE COURSE OF STUDY	6
TENTH GRADE COURSE OF STUDY	7
ELEVENTH GRADE COURSE OF STUDY	8
TWELFTH GRADE COURSE OF STUDY	9
HUMANITIES	10
<i>ENGLISH</i>	10
<i>SOCIAL STUDIES</i>	13
MATHEMATICS	17
SCIENCE	20
WORLD LANGUAGES	24
ELECTIVES	27
<i>COMPUTER SCIENCE</i>	27
<i>VISUAL ARTS</i>	28
<i>PERFORMING ARTS</i>	30
<i>PHYSICAL EDUCATION/HEALTH</i>	33
<i>ADDITIONAL ELECTIVES</i>	34

OUR MISSION

George Walton Academy provides challenging instruction, engaging experiences, and global perspectives designed to inspire lives of intellectual curiosity, integrity, and purpose.

IMPORTANT INFORMATION

The courses included in the Course Offerings section of this guide reflect the general curriculum for the Upper School. Students should review the total curriculum in order to plan their sequential course of study.

George Walton Academy reserves the right to cancel a course if there is insufficient student enrollment or insufficient faculty availability. If a course is cancelled, the Registrar will notify students to make another selection.

REGISTRATION

1. Review the registration requirements for George Walton Academy and the schedule examples in this guide.
2. Read and consider all the course offerings. Discuss with your parents, teachers, and advisers the requirements of your specific academic needs and interests, and your possible college/career goals. Finalize with your college counselor.
3. Courses taken off campus, including courses from The Georgia Virtual School and any other summer school options, will be treated as transfer credit. It will count toward graduation, but it will not be counted in ranking/honors placement and will not be considered in calculating GPA.

COURSE ASSIGNMENT

George Walton Academy reserves the right to place students in a course or courses when first choice requests cannot be honored or when the student's previous achievement and learning characteristics suggest a specific level. The final placement decision is based on the demonstrated ability of the student's mastery of basic skills, previous achievement, and level of maturity.

HONORS & ADVANCED PLACEMENT

Placement of a student in an Honors or AP level course will depend upon the recommendation of the teacher. A student interested in being selected may discuss his interest with his current teacher or a former teacher in that subject area. Final selection is based on the student's mastery of basic skills, previous achievement, level of maturity, and recommendation of the department.

- Students selected for Honors/AP courses must have displayed exceptional ability and interest in previous work. The student should be highly self-motivated and willing to commit significant time to the course. Enrollment in previous Honors/AP courses does not mandate automatic re-enrollment in these sections.
- Once enrolled in an Honors/AP course, the student is expected to maintain above-average performance as evaluated by the teacher and above-average interest in the subject matter. Any student not maintaining these requirements may be removed from the class at the conclusion of the semester.

- AP students are required to take the AP examination and/or turn in an art portfolio as their spring semester final examination.
- The cost of the AP standardized examination is not included in the tuition.
- George Walton Academy offers more than one AP course in the Fine/Performing Arts, however, only one course in these areas will be counted toward ranking/honors placement.

GRADUATION REQUIREMENTS

The Upper School operates on a three-term calendar: two semesters and a winter term. A minimum of four academic courses and two electives a day are required as well as a study hall. In addition, 0.5 unit will be received during the three-week winter term.

The graduation requirements in specific disciplines are minimum requirements toward a George Walton Academy diploma. The school expects each student to select the maximum number of courses appropriate for his/her abilities, interests, and college/career goals. Students and parents, in consultation with a college counselor and teacher, should carefully consider appropriate level courses. Above all, a student should attempt to maintain a balanced curriculum and to avail himself/herself of various elective courses and honors/advanced placement courses where he/she is challenged but not overwhelmed. Colleges may require additional course work in certain disciplines.

Discipline	Units Required	Specific Required Courses
English	4	World Literature, American Literature
Mathematics	4	Algebra I, Geometry, Algebra II, and at least one course beyond Algebra II
Science	4	Biology, Chemistry, Physics*
Social Studies	3	World History, US History
World Languages	2	Through level 2 of one language, taken in consecutive years
PE/Health	1	0.5 unit of PE, 0.5 unit of Health
Electives	6	At least 3 units must be in academic electives (non-academic electives include PE and intraships)
WinterTerm	2	Selections vary each year – 0.5 unit per year required

*Eighth grade Physical Science may substitute for Physics, if taken at GWA.

SEMESTER GRADE WEIGHTING

George Walton Academy applies the following system of weights only to determine honors such as Head of School's List, Beta Club, Best of the Best, and National Honor Society:

Academic Advanced Placement Courses.....+ 10

Academic Honors Courses.....+ 5

All regular academic, technology, and fine arts courses receive no weighted value. Maximum grade cannot exceed a 4.0 for HOPE scholarship.

DROP/ADD POLICY

A great deal of care is taken by the upper school faculty to ensure that students are adequately advised regarding course selections for each school year. Students may initiate a course Drop/Add request no later than the end of the first full 10 days of class of fall term (for fall term electives and year-long courses) or the end of the first full 10 days of the spring term (for spring term electives).

SENIOR RE-EXAMINATION POLICY

Seniors who fail a semester or year course by failing the final exam have the option of a re-examination. Passing this exam with a score that will give a passing average will result in a pass for the course. The grade issued will be no higher than a 70.

NINTH GRADE COURSE OF STUDY

*Students should check graduation requirements for a full overview of courses required for graduation.
Students must be registered in six classes per day, in addition to a study hall.*

All 9th graders will take one course from each of the following disciplines:

English	World Literature, Honors World Literature*
Math	Algebra I, Honors Algebra I*, Honors Accel. Geometry*
Science	Biology, Honors Biology*
Social Studies	World History, Honors World History*

Additionally, 9th graders should choose 2.0 units from the following list:

0.5 Unit Courses		1.0 Unit Courses	
Art 1 & 2* (0.5 unit each)	Arts	Journalism/Yearbook	Arts
Chorus	Arts	Sculpture	Arts
Dance (Reg. or Adv.*)	Arts	Concert Ensemble	Arts
Dance - Hip Hop	Arts	Honors Percussion	Arts
Drama (fall only)	Arts	Honors Symphonic Winds	Arts
Guitar	Arts	Programming, Games, Apps & Society	Technology
GWA TV	Arts	Web Development	Technology
Musical Theater (spring only)	Arts	American Sign Language I	World Language **
Photography 1 & 2* (0.5 unit each)	Arts	Honors American Sign Language II*	World Language **
Piano	Arts	French I	World Language **
Bible	English	Honors French II*	World Language **
World Geography	Social Studies	Latin I	World Language **
Robotics	Technology	Spanish I	World Language **
Life Sports	PE	Honors Spanish I*	World Language **
Weight Training (Reg. or Adv.*)	PE	Spanish II	World Language **
Health***	PE	Honors Spanish II*	World Language **

*This class requires a teacher recommendation.

**World Language is not required for 9th grade year, but at least 2 years must be completed before graduation.

***0.5 unit of Health and 0.5 unit of PE are required before graduation. See course catalog for PE Waiver.

TENTH GRADE COURSE OF STUDY

*Students should check graduation requirements for a full overview of courses required for graduation.
Students must be registered in 6 classes per day, in addition to a study hall.*

All 10th graders will take one course from each of the following disciplines:

English	American Literature, Honors American Literature*, Honors American Studies~
Math	Geometry, Honors Geometry*, Honors Algebra II*
Science	Chemistry, Honors Chemistry*
Social Studies	US History, Honors American Studies~, AP US History*

*~Honors American Studies is offered as a double block for English and Social Studies credit.
Students enrolled in APUSH will be registered for Honors American Literature.*

Additionally, 10th graders should choose 2.0 units from the following list:

0.5 Unit Courses		1.0 Unit Courses	
Art 1	Arts	Art 3*	Arts
Art 2 (prerequisite Art 1)	Arts	AP Studio Art – 2D*	Arts
Chorus	Arts	AP Studio Art – 3D*	Arts
Dance (Reg/Adv*)	Arts	Honors Art*	Arts
Dance - Hip Hop	Arts	CI Photography	Arts
Drama (fall only)	Arts	Journalism/Yearbook	Arts
Guitar	Arts	Sculpture	Arts
GWA TV	Arts	Sustainable Living	Arts
Musical Theater (spring only)	Arts	Concert Ensemble	Arts
Photography 1	Arts	Honors Percussion	Arts
Photography 2 (prerequisite Photography 1)	Arts	Honors Symphonic Winds	Arts
Piano	Arts	AP Computer Science	Technology/Science
Bible	English	Programming, Games, Apps & Society	Technology
Marine Ecology (summer)	Science	Web Development	Technology
World Geography	Social Studies	American Sign Language I	World Language **
Robotics	Technology	Honors American Sign Language II*	World Language **
Life Sports	PE	French I	World Language **
Weight Training (Reg/Adv*)	PE	Honors French II*	World Language **
Health***	PE	Latin I	World Language **
		Latin II	World Language **
		Honors Latin II	World Language **
		Spanish I	World Language **
		Spanish II	World Language **
		Honors Spanish II*	World Language **

*This class requires a teacher recommendation.

**World Language is not required for 10th grade year, but at least two years must be completed before graduation.

***0.5 unit of Health and 0.5 unit of PE are required before graduation. See course catalog for PE Waiver.

ELEVENTH GRADE COURSE OF STUDY

*Students should check graduation requirements for a full overview of courses required for graduation.
Students must be registered in six classes per day, in addition to a study hall.*

All 11th graders will take one course from each of the following disciplines:

English (students may double up on English courses)	British Literature, AP Language & Composition*, AP Literature*, Ancient Myths & Modern Ethics (0.5), Art of Argument (0.5), Post-Colonial World Literature (0.5), The Literary South (0.5), Tutoring & Composition (0.5)
Math (students may double up with AP Statistics)	Algebra II, Honors Algebra II*, Precalculus, Honors Precalculus*, AP Statistics*
Science (students may double up on science courses)	Physics, Honors Physics*, AP Biology*, AP Chemistry*, AP Physics*, AP Environmental Science*, Forensics I & II (0.5 unit each), Honors Global Health* (0.5, fall only), Honors Anatomy and Physiology* (0.5, spring only), HIP (spring only)

Additionally, 11th graders should choose up to 3.0 units from the following list:

<i>0.5 Unit Courses</i>		<i>1.0 Unit Courses</i>	
Art 1	Arts	Art 3*	Arts
Art 2 (prerequisite Art 1)	Arts	Honors Art*	Arts
Chorus	Arts	AP Studio Art – 2D*	Arts
Dance (Reg/Adv*)	Arts	AP Studio Art – 3D*	Arts
Dance - Hip Hop	Arts	CI Photography	Arts
Drama (fall only)	Arts	Journalism/Yearbook	Arts
Guitar	Arts	Sculpture	Arts
GWA TV	Arts	Sustainable Living	Arts
Musical Theater (spring only)	Arts	Concert Ensemble	Arts
Photography 1	Arts	Honors Percussion*	Arts
Photography 2 (prerequisite Photography 1)	Arts	Honors Symphonic Winds*	Arts
Piano	Arts	Intraship – HUB	Intra
Bible	English	Intraship - Marketing	Intra
Statistics	Math	Intraship – LS Library	Intra
Marine Ecology (summer)	Science	Intraship – Peer Tutoring	Intra
Economics	Social Studies	Intraship – Science Lab	Intra
Examining Capitalism	Social Studies	AP Macro/Micro Economics*	Social Studies
Geopolitics & Game Theory	Social Studies	AP Psychology*	Social Studies
Government	Social Studies	AP US Government/Politics*	Social Studies
The Individual and the Law	Social Studies	AP Computer Science Principles*	Technology
International Relations	Social Studies	Programming, Games, Apps & Society	Technology
World Geography	Social Studies	Web Development	Technology
Robotics	Technology	American Sign Language I	World Language **
Life Sports	PE	Honors American Sign Language II*	World Language **
Weight Training (Reg/Adv*)	PE	French I	World Language **
Health***	PE	Honors French II*	World Language **
		Honors French III*	World Language **
		Latin I	World Language **
		Latin II	World Language **
		Honors Latin II	World Language **
		Honors Latin III	World Language **
		Spanish I	World Language **
		Spanish II	World Language **
		Honors Spanish II*	World Language **
		Honors Spanish III*	World Language **

*This class requires a teacher recommendation.
**2 consecutive years of the same World Language must be completed before graduation.
***0.5 unit of Health and 0.5 unit of PE are required before graduation.

TWELFTH GRADE COURSE OF STUDY

Students should check graduation requirements for a full overview of courses required for graduation.

Students must be registered in six classes per day, in addition to a study hall.

All 12th graders will take one course from each of the following disciplines:

English (<i>students may double up on English courses</i>)	AP Language & Composition*, AP Literature*, DE Composition 101/102, Ancient Myths & Modern Ethics (0.5), Art of Argument (0.5), Post-Colonial World Literature (0.5), The Literary South (0.5), Tutoring & Composition (0.5)
Math (<i>students may double up with AP Statistics</i>)	Algebra III, Precalculus, Honors Precalculus*, Calculus, AP Calculus AB*, DE College Algebra & Statistics*, AP Statistics*
Science (<i>students may double up on science courses</i>)	Physics, Honors Physics*, AP Biology*, AP Chemistry*, AP Physics*, AP Environmental Science*, Forensics I & II, Honors Global Health* (0.5, fall only), Honors Anatomy and Physiology* (0.5, spring only), HIP (fall only)

Additionally, 12th graders should choose up to 3.0 units from the following list:

0.5 Unit Courses		1.0 Unit Courses	
Art 1	Arts	Art 3*	Arts
Art 2 (prerequisite Art 1)	Arts	Honors Art*	Arts
Chorus	Arts	AP Studio Art – 2D*	Arts
Dance (Reg/Adv*)	Arts	AP Studio Art – 3D*	Arts
Dance - Hip Hop	Arts	CI Photography	Arts
Drama (fall only)	Arts	Journalism/Yearbook	Arts
Guitar	Arts	Sculpture	Arts
GWA TV	Arts	Sustainable Living	Arts
Musical Theater (spring only)	Arts	Concert Ensemble	Arts
Photography 1	Arts	Honors Percussion	Arts
Photography 2 (prerequisite Photography 1)	Arts	Honors Symphonic Winds	Arts
Piano	Arts	Intraship – HUB	Intra
Bible	English	Intraship - Marketing	Intra
Statistics	Math	Intraship – LS Library	Intra
Marine Ecology (summer)	Science	Intraship – Peer Tutoring	Intra
		Intraship – Science Lab	Intra
World Geography	Social Studies	AP Macro/Micro Economics	Social Studies
Economics	Social Studies	AP Psychology	Social Studies
Examining Capitalism	Social Studies	AP US Government/Politics	Social Studies
Geopolitics & Game Theory	Social Studies	AP Computer Science	Technology
Government	Social Studies	Programming, Games, Apps & Society	Technology
The Individual and the Law	Social Studies	Web Development	Technology
International Relations	Social Studies	Honors American Sign Language II*	World Language **
Robotics	Technology	Honors French II*	World Language **
Life Sports	PE	Honors French III*	World Language **
Weight Training (Reg/Adv*)	PE	Latin II	World Language **
Health***	PE	Honors Latin II	World Language **
		Honors Latin III	World Language **
		Spanish II	World Language **
		Honors Spanish II*	World Language **
		Honors Spanish III*	World Language **
		DE Spanish IV*	World Language **

*This class requires a teacher recommendation.

**2 consecutive years of the same World Language must be completed before graduation.

***0.5 unit of Health and 0.5 unit of PE are required before graduation.



HUMANITIES

ENGLISH

The English curriculum provides the student with experiences that lead to a mastery of composition skills and an understanding of literature. Traditional grammar with practical applications necessary for college success, formal expository and persuasive writing, literary analysis, and vocabulary building receive emphasis in college preparatory, honors, and advanced placement courses. A research paper is required. Students must complete four levels of English – ninth, 10th, 11th, and 12th.

World Literature | ENG 100 |

World Literature is a study of how the literary record reflects and defines the cultural values of (chiefly) non-American and non-British traditions throughout history. Following a chronological approach, the course pursues an understanding of Ancient, Classical, Medieval, Renaissance, Enlightenment, Romantic, and Modern world literature and cultures. The class maintains an emphasis on grammar and usage through composition. As such, the class will emphasize using proper grammar and sentence variety in clearly structured, fully developed, evidentially based analytical essays. The essays will almost always be based on the literary works that are assigned and discussed in class. World Literature is offered to ninth grade students.

Units: 1 | Offered: Yearlong

Grade: 9

Honors World Literature | H ENG 105

World Literature is a study of how the literary record reflects and defines the cultural values of (chiefly) non-American and non-British traditions throughout history. Following a chronological approach, the course pursues an understanding of Ancient, Classical, Medieval, Renaissance, Enlightenment, Romantic, and Modern world literature and cultures. The class maintains an emphasis on grammar and usage through composition. As such, the class will emphasize using proper grammar and sentence variety in clearly structured, fully developed, evidentially based analytical essays. The essays will almost always be based on the literary works that are assigned and discussed in class. Honors World Literature is offered to ninth grade students. The honors section of this class requires additional out-of-class reading, more strenuous application of compositional standards, and higher expectations for subtle, independent analysis.

Units: 1 | Offered: Yearlong

Grade: 9

American Literature | ENG 200

American Literature provides students with an in-depth study of the American experience, past and present. The first semester asks students to consider the foundations of American life through the works of the Puritans, the Revolutionary writers, the Romantics, and the Realists. During the second semester, the course shifts focus toward what it means to be an American in today's world and examines a variety of texts including speeches, editorials, and critical essays, in addition to novels and plays. Students in this course connect literature and historical contexts, current events, and their own experiences as they work both independently and collaboratively to

communicate their understanding through oral, written, and multi-modal presentations. A major project of this course is a literary analysis research paper.

Units: 1 | Offered: Yearlong

Grade: 10

Honors American Literature | H ENG 205

Honors American Literature provides students with an in-depth study of the American experience, past and present. The first semester asks students to consider the foundations of American life through the works of the Puritans, the Revolutionary writers, the Romantics, and the Realists. During the second semester, the course shifts focus toward what it means to be an American in today's world and examines a variety of texts including speeches, editorials, and critical essays, in addition to novels and plays. Students in this course connect literature to historical contexts, current events, and their own experiences as they work both independently and collaboratively to communicate their understanding through oral, written, and multi-modal presentations. A major project of this course is a literary analysis research paper. The Honors section of this course requires students to conduct more independent interpretive analysis and maintains higher expectations for composition, individual comprehension, time management, out-of-class work, and research.

Units: 1 | Offered: Yearlong

Grade: 10

Honors American Studies | HUM 205

Honors American Studies is an honors course that combines in-depth studies of history, culture, politics, and government. It is a double course that provides a full credit for both social studies and English (2 credits total). Beginning with pre-colonial times, the course continues chronologically through American history, focusing on the personalities that shaped America through conflict and compromise. Students in this course connect art and literature to historical realities, current events, and their own experiences as they work both independently and collaboratively to communicate their understanding through oral, written, and multi-modal presentations. Students will extensively engage primary and secondary sources to come to a comprehensive understanding of how America has developed into its present state. This course requires considerable rigor, analytical thought, clear and extensive composition, independent comprehension, time management skills, and individual research. It is only available to students who are approved for honors courses in both social studies and English.

Units: 1 | Offered: Double-block, yearlong

Grade: 10

British Literature | ENG 300

The British Literature course is a chronological study of the literature and culture of the British Isles. Beginning with Romano-British sources, the class progresses through the Anglo-Saxon, Medieval, Renaissance, Enlightenment, Romantic, Victorian, Modern, and Post-Modern literature, always reading the literature in light of its cultural context. Students study these texts and their historical, political contexts while delving into textual interpretation. Significant compositional assignments are an essential part of the class and are almost always based on the texts that we read and discuss.

Units: 1 | Offered: Yearlong

Grade: 11

DE Composition 101/102 | ENG 500/ENG 501

Hope Rigor

Note that these two courses must be taken together within one school year. Courses are offered as satisfaction for both upper school and college English credit. It is taught on the GWA campus by GWA faculty for transferrable credit through Truett-McConnel University. Students are required to develop evidence-based analytic and argumentative essays that proceed through several drafts. The purpose of the course is to teach effective writing for both college curricula and professional life. This writing course focuses on essays in the various patterns of exposition and includes some

grammar and usage review. One major goal of the course is to prepare the student to successfully complete state-mandated exams at the third-year level. Students must complete English 101 with a grade of C or better to enroll in any higher-numbered English course. Prerequisite: Appropriate score on the SAT, ACT or placement exam.

Units: 2 (total combined) | Offered: Yearlong

Grade: 12

AP English Language | ENG 350

Hope Rigor

The 11th grade AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. The course emphasizes non-fiction texts, including columns, editorials, speeches, documentaries, and visual images in advertising, and follows chronologically the periods of American Literature from the Puritans to the Moderns, focusing on major works like *The Crucible*, *The Grapes of Wrath*, *The Great Gatsby*, *The Things They Carried*, and *1984*. In the spring, students take the College Board's exam for possible college credit.

Units: 1 | Offered: Yearlong

Grade: 11, 12

AP Literature | ENG 450

Hope Rigor

The twelfth grade AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature spanning all genres. Through the close reading of selected texts like *Crime and Punishment*, *Hamlet*, *As I Lay Dying*, *Invisible Man*, *Heart of Darkness* and *Death of a Salesman*, and through poetry from a variety of periods, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Students broaden their experience by participating in an independent author study and presenting their findings at the annual AP Dinner Party in late spring and by taking the College Board's AP exam for possible college credit.

Units: 1 | Offered: Yearlong

Grade: 11, 12

Post-Colonial World Literature | ENG 400

This world literature course is an introduction to postcolonialism and the literature from writers of countries who were formerly part of the British Commonwealth, including but not limited to writers from India, Haiti, Nigeria, South Africa, New Zealand, and Australia. The literature of this class will represent a global perspective on issues derived from the effects of colonialism. Additionally, students will engage in a variety of writing and presentation assignments inspired by and in response to the class readings. The class will maintain an emphasis on college-preparatory reading, writing, and presentation skills.

Units: 0.5 | Offered: Semester

Grade: 11, 12

Diverse Voices of the Literary South | ENG 410

This Southern literature course will engage students in the careful reading of the rich and diverse literature of the American South. Students will take a multifaceted view of the culture, history, and voices of modern Southern literature spanning from the beginning of the twentieth century to today. The literature of this class will represent a diverse range of authors, poets, and even musicians. The class will correlate the study of literature with a study of composition (written, visual, and oral) inspired by and in response to the class readings. The class will maintain an emphasis on college-preparatory reading and writing skills.

Units: 0.5 | Offered: Semester

Grade: 11, 12

Ancient Myths, Modern Ethics | ENG 420

There are two family cycles in ancient Greek mythology: the House of Cadmus and the House of Atreus. Those two families are at the heart of almost all the coolest trouble: murder, cannibalism, incest, war, kidnapping, phantom wife chasing (yep), blasphemy. Basically, all of the worst things that humanity does. But the writers frequently place the trouble (very carefully) in the hands of the gods. Humans are the victims of gods and Fate. The stories deal with profound ethical questions of human action and reaction and pose nearly perfect case studies for an ethics class. Therefore, this course will study ethics under the umbrella Greek mythology. The class is a discussion-intensive class that deals with difficult and mature issues.

Units: 0.5 | Offered: Semester

Grade: 11, 12

Art of Argument | ENG 430

We have lost what it means to argue, let alone what it means to argue effectively. The short-form, sound bite “debates” on cable news or in the cafeteria are almost always pathetic. Literally. Rhetoric is the art of effective argument. In this class, we will deal with difficult topics from current and past events to learn how to argue convincingly. The course requires engagement with difficult matters and a willingness to challenge your own assumptions and expectations. No shouting.

Units: 0.5 | Offered: Semester

Grade: 11, 12

Tutoring and Composition | ENG 440

This course introduces students to peer tutoring in a writing center. Students in this course will familiarize themselves with the writing process, including revision strategies and tutoring methods through reading, responding to, and critiquing writing. Students will also receive additional training as peer tutors by observing, analyzing, and reflecting on tutoring sessions and the tutoring process. Last, students will enhance their writing, listening, speaking, and collaboration skills by assisting other students in the Writing Center. The focus of the class will ultimately be your growth as a college prepared writer.

Units: 0.5 | Offered: Semester

Grade: 11, 12

Bible | ENG 310

This class offers students a survey of the Bible’s major events and teachings from a non-sectarian perspective. Its aim is to educate rather than indoctrinate. By examining the historical, literary, geographic and cultural setting of the Bible, students are given the necessary background to interpret.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

SOCIAL STUDIES

The Social Studies Department requires students to earn three units for graduation. Students are required to take World History and United States History which earn one credit each and United States Government and Economics, each of which earn a half credit. Advanced Placement and Honors courses are offered in many of these subjects to challenge students to learn additional concepts and move through material more rapidly.

World History | SSC 100

An introductory study of world history from the ancient river valley civilizations up to contemporary events. This yearlong course will cover the social, political, religious, and economic

changes that shaped societies and civilizations across the globe. Students will learn to work with historical sources of all kinds and gain the skills to think about the past in an ordered and organized way.

Units: 1 | Offered: Yearlong

Grade: 9

Honors World History | H SSC 105

An introductory study of world history from the ancient river valley civilizations up to contemporary events. This year-long course will cover the social, political, religious, and economic changes that shaped societies and civilizations across the globe. Students will learn to work with historical sources of all kinds and gain the skills to think about the past in an ordered and organized way. Honors classes will go into greater detail on certain topics and pursue more activities that involve in-depth historical analysis. Assessments in honors class will test higher-level thinking and comprehension skills.

Units: 1 | Offered: Yearlong

Grade: 9

U.S. History | SSC 200

An introductory study of American History that traces the American journey from Jamestown until its presence as a world superpower in the twentieth century. Students will focus on the personalities and events that shaped America through conflict and compromise. Enrolled students may have the opportunity to participate in the Virginia trip during Winter Term.

Units: 1 | Offered: Yearlong

Grade: 10

Honors American Studies | HUM 210

American studies is an honors course that combines in-depth studies of history, culture, politics, and government. It is a double course that provides a full credit for both social studies and English (2 credits total). Beginning with pre-colonial times, the course continues chronologically through American history, focusing on the personalities that shaped America through conflict and compromise. Students in this course connect art and literature to historical realities, current events, and their own experiences as they work both independently and collaboratively to communicate their understanding through oral, written, and multi-modal presentations. Students will extensively engage primary and secondary sources to come to a comprehensive understanding of how America has developed into its present state. This course requires considerable rigor, analytical thought, clear and extensive composition, independent comprehension, time management skills, and individual research. It is only available to students who are approved for honors courses in both social studies and English.

Units: 1 | Offered: Double-block, Yearlong

Grade: 10

AP U.S. History | SSC 250

Hope Rigor

This Yearlong course focuses on developing students' understanding of American history from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods. The course has a strong focus on critical reading and academic writing. At the end of the course, students will take a College Board Exam that may qualify them for college credit. Enrolled students may have the opportunity to participate in the Virginia class trip during Winter Term.

Units: 1 | Offered: Yearlong

Grade: 10

Economics | SSC 300

This semester-long course looks at the American economic spectrum and the influence economists Adam Smith, John Maynard Keynes, Friedrich Hayek, and Milton Friedman had in

shaping American economic policy. It briefly examines the ideas of socialism and communism and their impact on the world.

Units: 0.5 | Offered: Semester

Grade: 11, 12

AP Micro Economics | SSC 350
AP Macro Economics | SSC 360

Hope Rigor

In this full-year study of economics, students explore the fundamentals of economics, macroeconomics and microeconomics. In macroeconomics, students learn the principles that apply to an economic system as a whole which aids their understanding of American economic policy. In microeconomics they learn principles that apply to the functions of individual decision-makers, both consumers and producers, within the economic system. This allows students to gain a greater understanding of the foundations of American capitalism and its engine: the entrepreneur. At the end of this full year course, students will take two different College Board Exams that may qualify them for college credit.

Units: 1 | Offered: Yearlong

Grade: 11, 12

U.S. Government | SSC 310

This semester-long course examines the foundations of American government, the U.S. Constitution and its institutions, landmark court cases, civil liberties, due process, civil rights and American politics.

Units: 0.5 | Offered: Semester

Grade: 11, 12

AP US Gov. and Politics | SSC 450

Hope Rigor

AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments. At the end of this full-year course students will take a College Board Exam that may qualify them for college credit.

Units: 1 | Offered: Yearlong

Grade: 11, 12

International Relations and Politics | SSC 400

This one-semester course introduces important issues in international politics, as well as the major approaches that diplomats and world leaders use to understand those issues. Students will explore current events, recent history, and topics which have defined the development of geopolitics in the modern world. Topics of investigation will include: international cooperation, security and conflict, trade, human rights, and international law among others. By exploring diplomatic procedures, theoretical approaches, and major conflicts, students will gain a greater understanding of international affairs and the role of nations in global politics.

Units: 0.5 | Offered: Semester

Grade: 11, 12

World Geography | SSC 410

World Geography is an introduction to how the discipline of geography makes sense of the world, its different people, places, and regions. Central to this disciplinary perspective is an emphasis on the ways in which people and places interact across space and time to produce particular outcomes. This unique perspective is increasingly important today as technological innovations, the spread of political/economic ideologies, and the movement of people and goods across the globe have made most contemporary problems and solutions global in nature. This course is an exploration of several key issues shaping our world today.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

AP Psychology | SSC 460**HOPE Rigor**

A full year course, AP Psychology introduces students to the systematic and scientific study of behavior and mental processes in humans and animals. While considering the psychologists, research studies, and experiments that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with the biological bases of behavior, sensation and perception, learning and cognition, motivation, human development, social behavior, and the treatment of abnormal behavior. Throughout the course, students employ psychological research methods and ethical considerations to analyze claims, evidence, and biases in research studies, and effectively communicate ideas. A variety of informational sources will be used, including textbooks, the internet, popular media, newspapers and professional journals.

Units: 1 | Offered: Yearlong**Grade: 11, 12****Geography of Insurgency and Terrorism | SSC 420**

This course is a study of insurgency as it relates to physical, human, and political geography, cultural and military history, and geopolitics. Students will explore ethnic, economic, social, cultural, and religious characteristics of insurgent groups to discover how these movements have shaped the modern world (for good and bad) and are continuing to mold national identity and international relations. Topics of investigation will include pre-modern and modern insurgent groups, counterinsurgent forces, migration patterns and trends, geopolitical movements, and more. Students will gain a greater understanding of world history based on the success and failure of insurgent groups, as well as a firmer grasp on current events based on the events of the past.

Units: 0.5 | Offered: Semester**Grade: 11, 12****Natural Disasters, Pandemics, and Geopolitics | SSC 430**

When natural disasters hit, what responsibility does the world have to respond? When a global pandemic spreads across all continents, who decides what the proper response should be? How do international organizations operate to address global emergencies, like the 2020 Coronavirus pandemic? This course will explore these questions and look at past and present disasters to gain a broader understanding of globalization and geopolitics. Students will explore the events from multiple angles, including data and statistics, the sciences and medicine, and cultural and historical insights to develop a more holistic understanding of how disasters and disease can help us understand the world around us.

Units: 0.5 | Offered: Semester.**Grade: 11, 12**



MATHEMATICS

Four years of mathematics are required at the Academy. Each student must take Algebra I, Geometry, and Algebra II. Other mathematics credits may be chosen according to the student's ability and interests. All mathematics courses provide a strong foundation and promote a positive attitude toward mathematics. Both levels cover college-preparatory material. The honors level in each course includes additional concepts and enrichment activities, thus the pace of the class is accelerated.

Algebra I | MTH 100 | 27.06107

This course provides a thorough development of the fundamentals of algebra. It covers basic topics such as operations of real numbers and polynomials. Solving and graphing equations and inequalities in one and two variables, leads to the study of linear, quadratic, exponential, radical, and rational functions. Application of such functions is included. Prerequisite: Pre-Algebra or equivalent

Units: 1 | Offered: Yearlong

Grade: 9

Honors Algebra I | H MTH 105

This course will include all topics from Algebra I at an accelerated pace. It involves investigation of extended material and emphasizes theoretical development of fundamentals. Any eighth-grade student taking this course must maintain a high average and show evidence of good mathematical understanding in order to move on to the next course the following year. Prerequisite: Pre-Algebra or equivalent.

Units: 1 | Offered: Yearlong

Grade: 8, 9

Honors Accelerated Geometry | H MTH 150

This course will cover the same topics as in Geometry, but will include more in-depth study of constrictions, proofs, conjecture and probability in an accelerated grade. Additional attention is paid to logic and proofs. The goal of this acceleration is for students to eventually reach AP Calculus.

Units: 1 | Offered: Yearlong

Grade: 9

Geometry | MTH 200

The main purpose of this course is to develop the ability to solve problems from a geometric viewpoint. Topics covered include identifying and analyzing geometric figures, using coordinate geometry to solve problems, reasoning logically and proving theorems. Class discussion is imperative. Several projects may be required in addition to class assignments. Prerequisite: Algebra I

Units: 1 | Offered: Yearlong

Grade: 10

Honors Geometry | H MTH 205

This course will cover the same topics as in Geometry but will include more challenging problems and rigorous class discussions. Additional attention is paid to logic and proofs. Prerequisite: Honors Algebra I.

Units: 1 | Offered: Yearlong

Grade: 10

Algebra II | MTH 300

This course reviews and extends the topics from Algebra I. A strong understanding of functions will be developed. Additional topics will be covered including complex numbers, conic sections, and matrices. Prerequisite: Algebra I.

Units: 1 | Offered: Yearlong

Grade: 10, 11

Honors Algebra II | H MTH 305

This course will include all topics from Algebra II at an accelerated pace. Additional topics intended to encourage a deeper level of understanding and a wider base of knowledge will be investigated. Students will be expected to think critically and analytically as they apply concepts to meaningful situations. Functions and their applications will be explored extensively. Conic sections, sequences and series, proofs and logical reasoning will be covered in-depth. Prerequisite: Honors Algebra I.

Units: 1 | Offered: Yearlong

Grade: 10, 11

Algebra III | MTH 320

Hope Rigor

This course focuses on solidifying understanding of functions, specifically polynomial, rational, root, exponential, and logarithmic functions. Students will be expected to graph the functions and solve related equations and inequalities. Other algebraic topics, such as conic sections and matrices, may be included. Prerequisite: Algebra II.

Units: 1 | Offered: Yearlong

Grade: 11, 12

Pre-Calculus | MTH 330

Hope Rigor

This course is an extensive study of functions, including polynomial, rational, root, exponential, logarithmic, and trigonometric functions. Students completing this course should have the foundation needed for a calculus course taken on the upper school or the college level. Prerequisite: Algebra II.

Units: 1 | Offered: Yearlong

Grade: 11, 12

Honors Pre-Calculus | H MTH 335

Hope Rigor

This course will include all topics from pre-calculus at an accelerated pace. The honors level class is more theoretical in nature than the traditional course. Students will be expected to use mathematical concepts and logical reasoning to prove mathematical statements. Calculus topics such as limits, derivatives, and integrals will be introduced in an effort to prepare the student for AP Calculus. Prerequisite: Honors Algebra II.

Units: 1 | Offered: Yearlong

Grade: 11, 12

Calculus | MTH 400

Hope Rigor

This course is a survey of introductory calculus. It is the study of single variable functions. Limits, derivatives, integrals and applications will be studied thoroughly. Prerequisite: Pre-Calculus.

Units: 1 | Offered: Yearlong

Grade: 12

Statistics | MTH 410

Hope Rigor

This course is an activity-based course designed to introduce statistics through application. By gathering and exploring real-life data, students will represent and interpret information, observe and anticipate patterns, decide what to measure and how to measure it, design and carry out basic studies, understand and simulate basic probability models, and logically express conclusions based on results. The purpose of this course is to help prepare students for a college level introductory statistics course. Prerequisite: Algebra II.

Units: 0.5 | Offered: Semester

Grade: 11, 12

AP Calculus AB | MTH 450

Hope Rigor

This course is intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, geometry, trigonometry, and pre-calculus. Calculus AB is a course in introductory calculus with elementary functions. An objective of this course is preparation for the AP Calculus AB Exam, which is given in the spring. Prerequisite: Honors Pre-Calculus.

Units: 1 | Offered: Yearlong

Grade: 12

AP Statistics | MTH 460

Hope Rigor

This course is intended for students who have a thorough knowledge of algebra. It is an activity centered course investigating four conceptual themes: 1) exploring data, observing patterns; 2) planning a study, deciding what to measure and how to measure it; 3) anticipating patterns, introducing probability, and simulation; and 4) statistical inference, confirming models for explanation of patterns. An objective of this course is preparation for the AP Statistics Exam, which is given in the spring. Prerequisite: Honors Algebra II.

Units: 1 | Offered: Yearlong

Grade: 11, 12

DE College Algebra/Statistics | MTH 500

Hope Rigor

This class is a two-course sequence where credit will be given for each course, respectively, upon completion of the course with a C or higher. In the fall, students will take Dual Enrollment College Algebra. This entry-level college course will be a thorough discussion of solving, simplifying and graphing the basic algebra functions. In the spring, students will take Dual Enrollment Statistics. This entry-level college course will include data analysis, sampling and experimenting, probability, and basic statistical inference. Each course satisfies the requirements for a Hope Rigor Course. Prerequisites: Algebra 2 AND Recommendation

Units: 2 (total combined) | Offered: Yearlong

Grade: 12



SCIENCE

The GWA Science Department is committed to providing students with a wide variety of science courses that are not only relevant to today's world but are college preparatory as well. One year each of biology, chemistry, and physics* is required for graduation. Students are required to take four years of science in upper school to graduate. Students are encouraged to take more than four, especially if they plan on careers in medicine, engineering, or fields that require a strong science education.

Students who do not wish to pursue science careers will benefit from a rich background in practical science. Concepts concerning health, nutrition, consumerism, safety and scientific literacy, important to every citizen, will be part of our science curriculum. Meaningful lab experiences and hands-on activities will be part of every science course at GWA. Careful observations, critical thinking, inquiry, and promotion of interest will assist and guide our students' desire to pursue life-long learning.

**Physical Science, taken at GWA in eighth grade, may substitute for Physics. Upper School credit will not be given for this class.*

Biology | SCI 100

This is the science of living things and begins with the study of molecules, cells, genetics, microbiology and proceeds on to the study of higher forms of life, human biology, and ecology. Lab experience will be a major part of this course.

Lab Course | Units: 1 | Offered: Yearlong

Grade: 9

Honors Biology | H SCI 205

This course will cover the science of life and begin with the study of molecules, genetics, and microbiology. It will proceed to the study of animal and plant life and will include human systems. This course will move at a more rapid pace than academic biology and will have more application questions on tests and homework. Lab experience will be a major part of this course.

Lab Course | Units: 1 | Offered: Yearlong

Grade: 9

AP Biology | SCI 350

Hope Rigor

Advanced topics in genetics, biodiversity, evolution, biochemistry and statistical analysis of populations. See the College Board AP Biology website for more detailed description. The curriculum will follow the College Board syllabus in order to prepare the student for the AP College Board Exam in Biology.

Lab Course | Units: 1 | Offered: Yearlong

Grade: 11, 12

Chemistry | SCI 200

Hope Rigor

This will be an interesting in-depth study of matter and energy and how they relate to our daily lives and are of importance to science and technology. This is a college-preparatory course but very practical aspects such as safety, health, and concerns for the environment are included. Math skills and critical thinking will be fostered and opportunities for inquiry will be prevalent. This is one of the most important courses in the upper school experience. Lab work will be a major part of this course. Safety and responsibility will be stressed. Prerequisite: Algebra 1

Lab Course | Units: 1 | Offered: Yearlong

Grade: 10

Honors Chemistry | H SCI 205**Hope Rigor**

Students taking this course will require higher math skills than academic chemistry. The same topics as academic chemistry with additional coverage of electrochemistry and more equilibrium concepts will be covered. This course will move at a more rapid pace.

Lab Course | Units: 1 | Offered: Yearlong**Grade: 10****AP Chemistry | SCI 360****Hope Rigor**

This will be a college-level chemistry course with the College Board AP Chemistry Exam to be taken in the spring. This class is for students who need a very strong chemistry background to prepare for careers in medicine, pharmacy, meteorology, etc. Topics will include electrochemistry, equilibrium, thermodynamics, gas laws, stoichiometry and others. This will be a lab course with several extended lab periods that will involve student-designed labs. Inquiry and critical thinking will be encouraged and stressed. Prerequisite: Algebra II or Pre-calculus. Successful completion of Chemistry I or Chemistry I (H) and teacher approval. Pre-requisites: minimum of 88 average in Honors Chemistry, Algebra, and must have instructor interview prior to registration.

Lab Course | Units: 1 | Offered: Yearlong**Grade: 11, 12****Physics | SCI 300****Hope Rigor**

The academic physics class is a study of fundamental physics for the college prep student. The course focuses on the classic mechanics in the fall and includes motion, forces, work, energy, momentum, and gravity. In the spring, the focus will be on electricity, magnetism, sound, light, and optics. Nuclear energy will also be covered. The emphasis will be on qualitative understanding of concepts, as well as problem solving using basic algebra skills. There will be extensive use of laboratory activities to support concepts and problem solving. Pre-requisites: Chemistry and Algebra.

Lab Course | Units: 1 | Offered: Yearlong**Grade: 11, 12****Honors Physics | H SCI 305****Hope Rigor**

The Honors Physics class is an enriched course that will cover the fundamentals of classic mechanics. This will include motion, forces, energy, and momentum. The second semester will include the study of electricity, magnetism, waves, sound, light and nuclear energy. In-depth laboratory activities and problem solving will be a major component and require a higher level of math skills. Pre-requisites: Chemistry and Algebra and teacher recommendation.

Lab Course | Units: 1 | Offered: Yearlong**Grade: 11, 12****AP Physics | SCI 460****HOPE Rigor**

AP Physics is an Algebra based, introductory college level physics course. Students cultivate their understanding of physics through classroom study, in class activity, and hands on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves. The curriculum will follow the College Board syllabus in order to prepare the student for the AP College Board Exam. Prerequisite: completed or currently enrolled in Algebra II.

Units: 1 | Offered: Yearlong**Grade: 11, 12****Honors Anatomy & Physiology | H SCI 310****Hope Rigor**

This course provides students interested in careers in the healthcare field, or simply interested in a better understanding of their own bodies, an opportunity for advanced study of how the human body works. Will include a review of cellular biology and biochemistry before moving into a system-by-system analysis of the body. The material is presented from a medical perspective that allows students to see the relationship between anatomy and physiology. Students are challenged to "be the doctor", to diagnose disease processes and to design treatment plans in order to return patients to optimal health. Students will participate in labs designed to simulate medical settings in which they must order and interpret labs test before ordering appropriate treatments of their patients. In addition to labs, which will include multiple dissection opportunities, classroom activities will include lectures, group discussions, and student presentations. Prerequisite: Honors Biology and Honors Chemistry, and teacher recommendation.

Lab Course | Units: 0.5 | Offered: Spring Semester

Grade: 11, 12

AP Environmental Science | SCI 450

Hope Rigor

This will be the study, and investigation of the human impact on the health of earth's oceans, atmosphere, living things and the planets resources. Topics will include populations, pollution, natural resources, energy, the atmosphere, endangered species, rain forests, and all topics that influence the health of our home. This course will place biology and chemistry in a new and meaningful light. Labs and field experiences will be a major part of the course. Students will be expected to take the College Board AP Exam in May. Prerequisites: Successful completion of Biology and Chemistry with a science instructor recommendation.

Lab Course | Units: 1 | Offered: Yearlong

Grade: 11, 12

Forensic Science | SCI 320

Hope Rigor

Forensics is based on college level introductory criminalistics. It is designed to introduce evidence analysis, data collection, and advanced scientific methods for the application of science to law. Forensic Science will focus on crime-scene techniques and applications including data collection and collation, processing to trace evidence, and how to present findings. This course will also focus on specialized lab-based techniques and applications including chemical detection, how to process biological and chemical evidence and how to generate a scientific report. The main goal of this course is to understand how precepts of biology, chemistry, and physics are used to solve crimes. Prerequisites: Successful completion of biology and chemistry.

Lab Course | Units: 1 | Offered: Yearlong

Grade: 11, 12

Honors Global Health | H SCI 400

HOPE Rigor

This course will examine medical and cultural facets of public health in the developing world for students with a passion for health occupations. The curriculum is designed in cooperation with Duke University and Johns Hopkins University. Students are expected to travel to Belize in January to offer hands-on medical support to the local population. The curriculum will cover such topics as community and social skills, mathematics, physiology, cross-cultural understanding, and basic medical interventions like measuring blood pressure, auscultation, vaccination, and measuring infant height and weight. Students will also receive basic language training in Spanish to be used while onsite in Belize.

Units: 0.5 | Offered: Fall Semester with trip in January

Grade: 11, 12

Marine Ecology | SCI 330

Marine Ecology is defined as the scientific study of marine-life habitat, populations, and interactions among organisms and the surrounding environment including their abiotic and biotic factors. The study of marine ecology also includes the influence of geology, geography, meteorology, pedology, chemistry, and physics on marine environments. We will take this definition into the field and study the interactions firsthand as we sample the environment for

organisms and record abiotic factors. The class will begin with 4-5 days on site either in Florida or Skidaway Island, GA. Following the field experience, we will further engage and wrap up our study in the classroom. This class will require independent work while we are on site as well as outside of the classroom.

Units: 0.5 | Offered: Summer only

Grade: 10, 11, 12

Honors Inquiry Program | SCI 420

The Honors Inquiry Program (HIP) will offer highly motivated students the opportunity to delve deeply into a subject or passion of their choosing.

This program is a two-semester commitment starting with a semester course in the spring semester of junior year, during which students master the foundations needed to become critical thinkers and proficient researchers. In the course, students build their research skills, learn to ask provocative questions, and gain proficiency in the most up-to-date research practices, present a proposal and identify a faculty mentor for the continuation of their work during senior year.

The second part of the HIP is independent study in senior year. During this time, the student will meet weekly with a mentor as he or she works toward the completion of the project. Once a student has finished the work, he or she will present to the school community.

In addition to the academic enrichment that will come from the program, students who complete this academically rigorous course of study will earn a designation on their diploma as well as a graduation cord.

To join this prestigious program a student needs to be a rising junior with a minimum GPA requirement. Both semesters are required.

Units: 0.5 Junior year, 0.5 Senior year

Offered: Spring Junior year, Fall Senior year

AP Computer Science Principles; Web Development; or Programming, Games, Apps, and Society may substitute for fourth science unit. See Computer Science Section for information on these classes.



WORLD LANGUAGES

Having a global perspective means bearing a responsibility to the world community and valuing the dignity and integrity of all people, all around the world. The study of a non-native language provides a foundation and method for meeting and learning to understand the unknown. For GWA students, the study of language affords an opportunity to comprehend, analyze and interact with authentic texts and experiences in a creative and introspective way, so that they gain the ability to compare their own culture with others worldwide, thereby transforming them into global citizens. Students must complete at least two consecutive years of the same language in high school to meet the graduation requirement.

Spanish I | WL-S 100

The first year of study presents the beginning student the basic structure of the Spanish language. Basic grammar concepts are introduced directly, and communication exercises require active student participation in order to bring learners to a realistic level of proficiency. Development of listening and speaking skills are emphasized while reading and writing skills are gradually introduced.

Units: 1 | Offered: Yearlong

Grade: 9, 10, 11

Honors Spanish I | H WL-S 105

The first year of study presents the beginning student the basic structure of the Spanish language. Basic grammar concepts are introduced directly, and communication exercises require active student participation in order to bring learners to a realistic level of proficiency. Development of listening and speaking skills are emphasized while reading and writing skills are gradually introduced. Short compositions are required during the second half of the course in order to expand writing skills. Spanish culture is introduced through readings, magazines, and video presentations.

Units: 1 | Offered: Yearlong

Grade: 9

Spanish II | WL-S 200

Hope Rigor

The second year continues to emphasize speaking and listening skills through rapid drills thus enabling the student to speak, read, and write with greater fluency.

Units: 1 | Offered: Yearlong

Grade: 9, 10, 11, 12

Honors Spanish II | H WL-S 205

Hope Rigor

Designed for the accelerated Spanish II student, this course permits the student to cover material at a more rapid rate and to do in-depth study. Supplementary reading is required and writing skills are emphasized. Students write short compositions in order to develop their writing skills.

Units: 1 | Offered: Yearlong

Grade: 9, 10, 11, 12

Honors Spanish III | H WL-S 305

Hope Rigor

Honors Spanish III is offered as an honors course for the advanced Spanish student. Spanish I and II grammar are reviewed. Emphasis is given to all aspects of proficiency, therefore expanding the student's vocabulary, conversation, writing, and reading. Culture is studied through literature and reading.

Units: 1 | Offered: Yearlong

Grade: 11, 12

Spanish IV as Dual Enrollment | WL-S 400**Hope Rigor**

This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. Focus is on all four language skills listening, speaking, reading and writing. Culture is an integral part of the course and is introduced through the use of media, games, adapted readings and class discussions. This is designed for students who have or have not had Spanish in the past but want to have college credit. Prerequisites: Completion of three years in Spanish and teacher recommendation.

Units: 1 | Offered: Yearlong**Grade: 12****Latin I | WL-L 100 Approved**

The objectives of this course are to prepare students to read Latin confidently, to provide an introduction to Roman culture, and to develop an awareness of the Latin roots of English vocabulary and the Latin terms still used in English. In the first year, students will learn basic grammatical concepts and vocabulary, study the daily life of the Romans both through their textbook and through outside reading assignments, and become familiar with a number of Latin expressions which have become a part of modern culture.

Units: 1 | Offered: Yearlong**Grades: 9, 10, 11****Latin II | WL-L 200****Hope Rigor**

The objective of this course is to continue building skills developed during the first year of Latin. During the first semester, students will learn the more advanced grammatical concepts. During the second semester, students will refine their skills by reading connected Latin prose and selections from original Latin authors. While students continue to study an aspect of Roman culture through outside reading, they will also learn about mythology and Roman history in connection with daily class assignments

Units: 1 | Offered: Yearlong**Grade: 10, 11, 12****Honors Latin II | H WL-L 205****Hope Rigor**

This course incorporates all that is included in Latin II but allows the accelerated students an opportunity to cover material more rapidly and in greater depth as well as to explore additional material.

Units: 1 | Offered: Yearlong**Grade: 10, 11, 12****Honors Latin III | H WL-L 305****Hope Rigor**

This is primarily a reading course covering materials and authors from the Silver Age of Latin Literature through the Golden Age. Through outside reading, students will further explore Roman history, culture and civilization. A brief review of Latin grammar and syntax will introduce the course.

Units: 1 | Offered: Yearlong**Grade: 11, 12****French I | WL-F 100**

French 1 is designed to be a first contact with French language and culture. Students will learn through hands-on daily activities how to communicate in French, all while building their repertoire of basic abilities and knowledge needed in any French social setting. Students will be up and talking from the first day to the last, building confidence in oral skills. They will communicate with French students their age in written and oral form regularly. They will begin to build a more realistic understanding of contemporary French perspectives, customs, and practices.

Units: 1 | Offered: Yearlong**Grade: 9, 10, 11****Honors French II | H WL-F 205****Hope Rigor**

French II is a continuation of skill development begun in French 1. Students will continue communicating with French students, but with higher expectations for comprehension and

expression. By the end of the course, students will have a working knowledge of basic French grammar, phonemes, and essential vocabulary. They will also be deepening their knowledge of French culture, beyond basic introduction to more detailed discussion.

Units: 1 | Offered: Yearlong

Grade: 9, 10, 11, 12

Honors French III | H WL-F 305

Hope Rigor

This third year French Course is an honors course and a continuation of the first two years. The student will continue to improve listening, speaking, reading and writing skills through activities, book work and project. Students will further practice and develop their language skills. Students build on previous knowledge with additional vocabulary, verb tenses, and grammatical structures appropriate to their level. Grammar is built upon and practiced in innovative and interesting ways. More in-depth exposure to the culture of France and French-speaking countries can be found throughout the course in order to help students understand French in its context, as a truly dynamic language used for communication by millions of people throughout the world.

Units: 1 | Offered: Yearlong

Grade: 10, 11, 12

American Sign Language I | WL-A 100

This course prepares students to understand and use American Sign Language grammar, signs, finger spelling and non-manual markers at the basic level. Students receive an orientation to deaf culture and requires no previous knowledge of sign language.

Units: 1 | Offered: Yearlong

Grade: 9, 10, 11

Honors American Sign Language II | H WL-A 205

Hope Rigor

The second course in the ASL sequence in which students continue to develop ASL proficiencies in sign production, use of sentence types, and grammatical features. Students will continue to study the fundamentals of American Sign Language, with emphasis on conversational strategies such as keeping others informed, minimizing interruptions, and turn-taking, as well as grammatical forms. Students receive further instruction in specialized finger-spelling and numerical proficiency.

Units: 1 | Offered: Yearlong

Grade: 9, 10, 11, 12

ELECTIVES



COMPUTER SCIENCE

AP Computer Science Principles | COM 450

Hope Rigor

AP Computer Science Principles focuses on central principles of computer science, as well as the ideas and practices of computational thinking. Students develop innovative computational artifacts using the same creative processes that artists, writers, computer scientists, and engineers use to bring ideas to life. Students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze data and draw conclusions from trends. This course engages students in creative aspects of the field through development of computational and collaboration skills to solve problems along with discussions of the impacts their solutions could have on their community, society, and the world. This course is designed to be equivalent to a first-semester introductory college computing course. This course may be used to fulfill the 4th science requirement. Prerequisites: Geometry, Honors Geometry, or Recommendation.

Units: 1 | Offered: Yearlong

Grade: 10,11, 12

Robotics | COM 100

This course is designed as an introduction to robotics and engineering concepts. Students will work individually and as teams throughout the year. This course integrates science, technology, engineering, and math (STEM) concepts through hands-on learning experiences in the Robotic Lab. Students will explore the fundamentals of programming, building, problem solving, and engineering to create a robot for VEX competition. *Active involvement with competitions outside of school hours is required.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

Programming, Games, Apps, and Society | COM 200

This course is designed for students to strategize, design, & develop games and mobile/desktop applications that can be produced in the real world. Students will learn different programming languages as well as multiple programming platforms, about the different phases of project development and use models to develop applications. This course will expose students to privacy, legality, and security considerations when designing and developing new apps and/or programs. Various forms of technologies will be used to expose students to resources, software, and applications of programming. This course may be used to fulfill the 4th science requirement.

Units: 1 | Offered: Yearlong

Grade: 9, 10, 11, 12

Web Development | COM 300

This course will focus on design and development of web sites through coding, testing, debugging, and implementing web-based services. Students will learn Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), JavaScript to design multiple web pages. They will learn about search engine optimization (SEO), content management systems (CMS), client-side languages, server-side languages, and database concepts. Students will explore industry and government regulations through encryption, security, and e-commerce. This course may be used to fulfill the 4th science.

Units: 1 | Offered: Yearlong

Grade: 9, 10, 11, 12

GWA-TV | COM 400

This class is a media and broadcasting class designed to provide students with a groundwork in various forms of media, including writing, videography, broadcasting, or public speaking. This course will include the development of the skills necessary to run a news broadcast and will cover topics such as interviewing, videography, photography, and familiarity with U.S. and world news.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12



VISUAL ARTS

The visual arts department offers opportunities for all students to develop an awareness of art as a visual expression of creative thought. Courses are offered for both novice and experienced students. Advanced courses provide the opportunity for further concentration.

Art I | ART 100

This course introduces students to a variety of drawing and painting media. Emphasis is placed on building drawing skill in order for students to gain confidence about creating artwork. Creative problem solving is encouraged through problem-based projects. The class also stresses critical analysis of artworks of different styles and historical periods.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

Art II | ART 110

This course deepens drawing and painting skill by introducing new drawing media and techniques. Creative problem solving is encouraged through problem based and open-ended projects. The class also stresses critical analysis of artworks of different styles and historical periods.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

Art III | ART 120

This course builds on creative problem solving by introducing new media and techniques. An emphasis is placed on enhancing skills in art criticism, aesthetic judgment, and studio production through the use of mixed media. Creative problem solving is encouraged through problem based and open-ended projects. The class also stresses critical analysis of artworks of different styles and historical periods.

Prerequisite: Teacher recommendation.

Units: 1 | Offered: Yearlong

Grade: 10, 11, 12

Honors Art | H ART 130

Honors Art is similar to that of Regular Art 3, but with increased expectations in terms of: development of technique, craftsmanship and intrinsic motivation. Because students in this class will be starting from a higher ability/motivation level, we will be able to move more quickly through the basic curriculum and work our way towards more sophisticated concepts and techniques. This class is a perfect springboard for students who would like to pursue AP Art.

Unit: 1 | Offered: Yearlong

Grade: 11, 12

Photography 1: Introduction to Digital Photography | ART 200

This course uses the advanced digital camera to build basic skills in students who have an interest in photography, but no prior experience. Using a combination of lecture, demonstration, and hands-on exercises, this course will explore the basic photographic techniques and artistic concerns involved in

making photographs. These include camera handling, composition, effective use of light, file management, digital image manipulation and developing a photographic vision. Students entering the course must have a digital camera with aperture priority, shutter priority, and exposure compensation. Students are also responsible for all digital storage media.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

Photography 2: Intermediate Digital Photography | ART 210

This intermediate level course is designed to expand the knowledge and abilities of motivated students who have completed Art Photo 1 Introduction to Digital Photography. Basic photographic and postprocess skills learned in Art Photo 1 will be refined as students work to develop a personal photographic vision. Each student will be challenged visually and intellectually, exploring four major photographic themes. Students will then create a portfolio of unique photographs to fit one of those themes. Students entering the course must have a digital camera with aperture and shutter priority and exposure compensation. Students are also responsible for all digital storage media and outside printing of their final portfolio (12- 8"x10" images). Prerequisite: Photo 1.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

Sustainable Living | ART 300

Art, math, science and the humanities are all combined in this course. This schedule provides curriculum flexibility and allows more time for extended projects, field trips and activities. George Walton Academy practices place-based, project centered learning. Throughout the course, students work on individual lessons focused on the local environment and sustainable living. Whenever possible, we use local resources and local examples to teach key concepts to help students develop a sense of place. Students demonstrate what they have learned by completing a final project, in this case by designing and building a full-scale sustainable house.

Units: 1 | Offered: Year-Long

Grade: 10, 11, 12

Sculpture | ART 310

The Sculpture curriculum is an introduction to the design, creation, and presentation of 3-dimensional form. Students learn critical problem-solving skills, learn how to safely operate a laser engraving and cutting machine, 3-D printers, and basic shop equipment. The course progresses from introductory lessons with design software to a culminating project in which students design and build sculpture that will be put on display for the community.

Units: 1 | Offered: Yearlong

Grade: 10, 11, 12

Journalism | ENG 320

This class is designed to produce the school yearbook, *The Résumé*. Students must apply for admission to this class. Attendance at a summer workshop is recommended. Practical instruction includes layout and design, copy writing, photography, critical editing, and the use of basic word processing and design software. Students are expected to learn teamwork, to complete all assignments, to meet all deadlines, and to attend additional meetings when required by specific deadline dates.

Units: 1 | Offered: Yearlong

Grade: 9, 10, 11, 12

Continued Investigative Photography | ART330

This class is designed to allow students to grow as artists by creating and completing portfolios comprised of a minimum of twenty-four finished pieces divided into three specific areas: Quality, Concentration, and Breadth. Students must show mastery of art in all these areas. Mastery is defined as "full command of a subject of study." Students will grow as they research artists from the past and present and study how their fellow artists work and create. Prerequisite: successful completion of Photography 1 and 2.

Units: 1 | Offered: Yearlong

Grade: 10, 11, 12

AP 2D Art & Design | ART 450

The AP studio art student should demonstrate a mastery of technical skill and an ability to creatively solve visual problems. Students should be able to work independently and should be dedicated, as this course is extremely rigorous. In order to be enrolled, students must complete a portfolio review with the visual art teacher. The student should demonstrate an exceptional level of confidence and creative thought. This course culminates in the submission of a portfolio of 30 artworks. Portfolios are graded by a panel of college art professors and experienced high school teachers. Prerequisite: One full year of art, teacher recommendation, portfolio evaluation.

Units: 1 | Offered: Yearlong

Grade: 10, 11, 12



PERFORMING ARTS

Chorus | CHO 100

Concert Choir, composed of boys and girls grades 9-12, provides students the opportunity to learn and perform many styles of music. Choral performances are held each quarter with special performances included periodically for Baccalaureate and other special events. Attendance at concerts and extra rehearsals are mandatory unless excused in advance by the choral director. In class, students learn basic music theory, music sight-reading, and good vocal technique. Students are encouraged to audition for GISA All-Select Chorus and Small Group/Solo Literary Competition. Students may be held responsible for providing their own performance attire.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

Musical Theater | CHO 200

This class will introduce students to dance, choir, and theater by participating in a large-scale musical. The overall goal of this course is to allow students to develop an understanding of collaboration and the performing arts. Students will gain an understanding of the rehearsal process. Participation will include attendance at several rehearsals outside of class hours and GHSA competition.

Units: 0.5 | Offered: Spring semester

Grade: 9, 10, 11, 12

Drama | DRA 100

Drama is an introductory class designed to expose students to the fundamentals of theatre. Students will be introduced to the history of the theatre, improvisation, auditioning, scene work, and the basics of technical theatre including stagecraft, lighting make-up, and props.

Units: 0.5 | Offered: Fall Semester

Grade: 9, 10, 11, 12

Dance | DNC 100

These courses develop the beginner, intermediate, and advanced dancer through principles of dance with an emphasis on historical and cultural awareness, flexibility, body awareness, fitness principles, dance technique, artistic diversity, and the choreographic process. Dancers of ALL ABILITY LEVELS will be challenged through proper technique development, appropriate choreography and artistic style. Dance styles include, but are not limited to ballet, modern, jazz, hip-hop, contemporary, Latin, and other ballroom styles. Dancers will be expected to perform in the Dance Concert at end of the semester.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

Advanced Dance | DNC 200

This course will cover intermediate/advanced dance technique in the styles of ballet/lyrical, modern/contemporary, jazz, hip hop and a variety of social dances. Also, students will explore improvisation, choreography, and dance history. The focus of this course will be on technique, performance and

choreography. Students will perform in the two main stage dance performances as well as community events, competitions and music videos. Prerequisite: teacher invitation or audition.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

Hip Hop Dance | DNC 300

Hip hop is a high-energy class that infuses the latest styles of street dancing, breaking, popping, and locking. Classes will encourage students bring their own unique style to the movements. Achieving fitness will be a major objective as dance requires students to have the strength and stamina to successfully perform moves. Therefore, class includes upper and lower body conditioning as well as a rigorous warm-up to help prepare students for more intense movements. Students will perform in the dance concert at the end of the semester.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

Concert Ensemble | BND 100 | 53.03717

Symphonic is the second level band at GWA. The curriculum for this class includes teamwork, student leadership, basic musical concepts, tuning, intonation recognition of notes and rhythms, some small ensemble work and individual achievement on all these elements for a class grade.

Units: 1 | Offered: Yearlong

Grade: 9, 10, 11, 12

Honors Percussion Theater |H BND 200

The focus of this class is to further enhance skills on the various percussion instruments and develop a better understanding of basic rhythms, music theory, performance practices/etiquette and technique. This group meets every day and has a full curriculum including marching percussion, concert percussion, percussion ensemble and individual performance techniques and understandings.

Units: 1 | Offered: Yearlong

Grade: 9, 10, 11, 12

Honors Symphonic Winds | H BND 300

Honors Symphonic winds is the highest-level ensemble and students must audition by invitation only. The main goals of this ensemble are to continue into the advanced concepts of music making, ensemble performance, music theory and a little music history. Symphonic Winds students will need to actively take private lessons outside of the ensemble class.

Units: 1 | Offered: Yearlong

Grade: 9, 10, 11, 12

Piano | BND 110

In Introduction to Piano, Level I, students will be introduced to music notation, basic keyboard skills, musicality, music theory, and solo and ensemble playing. Students will learn through performance, listening, and classroom instruction. This class is designed to teach students the fundamentals of piano performance and to play the piano independently. Students will also have the opportunity to explore the construction of music through technology and composition exercises. An integral part of learning to play the piano includes learning about music history, including different composers, style periods, and historical background of pieces and composers. Students will play collaboratively as well as individually. No piano or music experience is necessary.

Units: 0.5 | Offered: semester

Grade: 9, 10, 11, 12

Guitar | BND 120

This semester course is designed for students with no previous guitar experience. Students will receive guidance and direction in playing the guitar at a beginner's level and will learn many of the different styles, skills and techniques required to become a successful guitarist. Areas of concentration include correct posture, note reading, rhythmic patterns, chords study, musical forms, improvisation and performing experiences.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12



PHYSICAL EDUCATION/HEALTH

LifeSports

Introductory class where students will learn skills to participate in sports including volleyball, tennis, golf, pickleball, basketball, flag football. This class is in preparation for college intramurals and a lifetime of enjoying sports. Performance in this class is graded on a pass/fail basis.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

GIRLS | PHY G100

BOYS | PHY B100

Personal Fitness

Personal Fitness is an introductory class in which students will learn techniques to exercise and strengthen all muscle groups using body weight, free weights, and various exercise equipment. The class focuses on safety using weight equipment and proper technique to avoid injury to self and others. In addition to weightlifting and strength training, students will be introduced to other avenues to improve and maintain fitness throughout life. Performance in this class is graded on a pass/fail basis.

Units: 0.5 | Offered: Offered: Semester

Grade: 9, 10, 11, 12

GIRLS | PHY G200

BOYS | PHY B200

Weight Training

An intermediate course that focuses on proper lifting techniques and cardiovascular endurance strategies for lifelong health. Performance in this class is graded on a pass/fail basis.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

GIRLS | PHY G300

BOYS | PHY B300

Advanced Weight Training

This class reinforces the proper guidelines, principles and techniques of weightlifting, and the development of muscular strength, endurance and power at an advanced level. Students will also be introduced to Olympic lifting techniques (boys only) and continue to develop their individual weight training programs with advanced evaluation techniques.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

GIRLS | PHY G350

BOYS | PHY B350

Health | HTH 100

The Health course is designed to develop awareness of the need for good health through these topics:

- personal health and fitness
- emotional and mental health
- family life education
- prevention and control of disease
- nutrition
- community and environmental health
- consumer health
- first aid and safety
- alcohol and drug awareness under the supervision of the Georgia State Patrol

Students will be encouraged to apply this knowledge to their lifestyles now and in the future. This course qualifies as an academic elective.

Units: 0.5 | Offered: Semester

Grade: 9, 10, 11, 12

ADDITIONAL ELECTIVES

Intraship - Marketing and Social Media | INT 100

This independent study course is a hands-on opportunity for students to gain real-world marketing and communications experience with internal and external constituencies. Students will gather and edit content for weekly communications, take photos for publications and assist with website content gathering. Additionally, students will assist with events. This student may also represent the school at community events. Some weekend or evening work may be needed. Prerequisites: application and interview.

Units: 1 | Offered: Yearlong

Grades: 11, 12

Intraship – Science Lab | INT 200

Lab techs will learn how to prepare solutions, assist science teachers with lab equipment, and receive safety training. They will also gain practical hands on training in chemistry and biology. Prerequisites: application and interview.

Units: 1 | Offered: Yearlong

Grades: 11, 12

Intraship - Library | INT 300

The Lower School Library Intra-ship teaches students the basics of library management. Students will work alongside the media specialist to learn how to use the library's digital circulation system, sort and reshelv books, assist younger students in selecting appropriate books based on their reading/interest level, assist younger students with using the Accelerated Reader program and help with simple day to day errands. Prerequisites: application and interview.

Units: 1 | Offered: Yearlong

Grades: 11, 12

Intraship – HUB/Student Technology Leadership | INT 400

This course is designed to provide students with a hands-on approach to the study of technology integration in an educational context. Students will assess problem sets from teachers and students throughout the day and address these problems via a physical and virtual helpdesk environment. Using methodology consistent with instructional design concepts, students will also be required to design, maintain, and complete several running projects that address problems in educational technology integration. Additionally, this course will give students an opportunity to pursue an independent learning capstone consistent with course objectives and expectations under the supervision of instructors. To be successful in this course, students should have a prior understanding of Microsoft Windows OS and the Microsoft Office Suite. Prerequisites: application and interview.

Units: 1 | Offered: Yearlong

Grade: 11, 12

Intraship – Peer Tutoring | INT 500

Academic Peer Tutoring is a course designed to provide students with methods of effective tutoring. Peer Tutors will work with tutees in one-to-one and small group situations coaching them on academics with emphasis on effective strategy and study skills. Prerequisites: application and interview.

Units: 1 | Offered: Yearlong

Grade: 11, 12

Students are limited to one intraship in their upper school careers.