SAAS SEATTLE ACADEMY

UPPER SCHOOL CURRICULUM MAP

	9th Grade	10th Grade	11th Grade	12th Grade
History	**Foundations of Civilization** *Yearlong*	**Modern World History** *Yearlong*	**American History** (Standard or Honors) *Yearlong* **American Studies** (Honors) *Yearlong* - English/History, integrated two blocks	**History Elective Seminars** (Standard or Honors) *Trimesters*
English	**Literature and Self-Knowledge** *Yearlong*	**Modern Literature** *Yearlong*	**English/American Literature** (Standard or Honors) *Yearlong*	**English Elective Seminars** (Standard or Honors) *Trimesters*
Science	**Environmental Science** *Yearlong*	**Chemistry** *Yearlong* **Concept Chemistry** *Yearlong*	**Biology** *Yearlong* **Honors Biology** *Yearlong*	**Honors Physics** *Yearlong*
			Science Elective: *Yearlong:* Honors Advanced Chemistry	
		Science Electives 10-12: *Trimester:* Biotechnology, Evolution, Endocrinology, Exploring Environmental Expression: Greenwashing & Green Marketing, Infectious Diseases		
	Science Electives 9-12: *Trimester:* Astronomy, Botany, Evolution, Endocrinology, Data Evaluation and Information Reasoning (Fact or Fiction), Forensic Science, GIS (Geographic Information Systems) & Urban Ecology, Introduction to Anatomy and Physiology, Introduction to Entomology, Marine Science, Science of Robotics			
Math	Integrated Algebra A Geometry Algebra 2 Accelerated Algebra 2	Integrated Algebra B Algebra 2 Accelerated Algebra 2 PreCalculus Accelerated Pre-Calculus	Algebra 2 PreCalculus Accelerated Pre-Calculus Honors Intro to Calc Honors Accelerated Calc 1	Functions, Statistics, Trig PreCalculus Honors Intro to Calc Honors Statistics Honors Accelerated Calc 1 Honors Accelerated Calc 2
	**The progression paths above show a few of the typical tracks students take. There are other variations that reflect different starting points and an individual choice to accelerate or decelerate as a student progresses. For example, choosing Math Lab should a student need a more individualized program, or pursuing additional coursework beyond Honors Calc 2 with Honors Advanced Topics in Math.*			
Language	**French, Mandarin or Spanish** *Yearlong* Levels 1-6 in each language. In French and Spanish, there are Honors and non-Honors options in level 4, while all level 5 and 6 classes are Honors. In Mandarin, levels 4, 5 and 6 are Honors classes. Students may choose to take a placement exam and be placed according to their demonstrated proficiency. Some students may choose to learn a second World Language after–or while–completing their World Language requirement. Students earn elective credits for classes taken in excess of the requirement.			
Arts	*Graduation Requirement: 7 credits, must include at least one credit each of Dance, Visual, Theater Arts, and Music.* **Visual & Media Arts:** *One Trimester:* Beginning Studio Arts, Portfolio Development, Studio 12, Art History Studio, Printmaking, 3D Mixed-Media, Ceramics, Sculpture, Sound as Sculpture, Fiber Arts, Sewing & Design, Graphic Design & Typography, Digital Art, Beginning Film, Intermediate Film - Documentary, Intermediate Film - Experimental, Film Appreciation, Animation, Photography: B&W, Photography: Digital, Photography: Experimental; *Two Trimesters:* Intermediate Studio Arts, Advanced Studio Arts, Intermediate Ceramics, Advanced Film, Advanced Photography **Music:** *One Trimester:* Beginning Music Appreciation, Choir, Vocal Revue, Vocal Ensemble (after school), Beginning Music Production; *Two Trimesters:* Jazz Choir III (by audition), Jazz Choir II (by audition), Intermediate Music Production; *Yearlong:* Jazz Choir I (by audition), Advanced Music Production (by audition), Jazz Band I (by audition), Jazz Band II (by audition), String Ensemble (by audition) **Theater Arts:** *One Trimester:* Beginning Acting, Improv, Mask, Musical Theater, Sketch Comedy, Stage Combat, Technical Theater and Design, Fall Musical Production (after school), Winter and Spring Drama Productions (after school); *Two Trimesters:* Intermediate Acting (by audition); *Yearlong:* Advanced Acting (by audition) **Dance:** *One Trimester:* Introduction to Dance; *Two Trimesters:* Intermediate Dance (by audition); *Yearlong:* Intermediate Advanced Dance (by audition), Advanced Dance (by audition)			
Innovations/Rhetoric	*Graduation Requirement: 1 foundations course in each of the 3 areas and an additional 3 credits of your choice* **Computational Thinking**: Foundations in Computational Thinking, Intermediate Programming, Advanced Programming Topics, Machine Learning, AI, and the Future, Software Development for the Web, Intro to Excel **Entrepreneurship and Design:** Foundations in Design Thinking, Building a Business, Entrepreneurial Leadership, Intro to Mechanical Engineering, Disruptive Innovations, Sustainability, Entrepreneurship in Eras of Economic Downturn & Disruption **Financial Literacy**: Foundations in Financial Literacy, Investments, Personal Finance, Introduction to Macroeconomics, Introduction to Microeconomics *Graduation Requirement: 1 trimester* **Rhetoric**: *One Trimester:* Intro to Rhetoric, *Two Trimesters:* Speech: Comp team, Debate: Comp team, Mock Trial: Comp team			
Health	**Health 9** *Trimester*	*Graduation Requirement: 1 Trimester* **Health Electives**: Endocrinology, Global Health, Introduction to Anatomy and Physiology, Psychology, Advanced Psychology, Yoga		
PE	PE, Strength and Conditioning, Yoga *Note: Apart from the PE courses offered during the school day, after-school sports can be taken for PE credit.* Sports at SAAS include: Soccer (Girls Fall, Boys Spring), Cross Country Fall, Volleyball Girls Fall, Basketball Winter, Wrestling Winter, Tennis Boys Fall, Girls Spring, Track and Field Spring, Golf (Boys Fall, Girls Spring), Ultimate Frisbee (Boys Fall, Girls Spring), Lacrosse (Spring). Credit can also be given for sports participation at other schools, if that sport is not offered at SAAS.			

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History	**Foundations of Civilization** *Yearlong* A foundation in both the roots of Western Civilization and the origins and major aspects of the civilizations of Asia and the Islamic world. While our primary focus will be on the time period between 3000 BCE–1600 CE, in order to draw out the connection between past and present, we will explore links between the present day and these historical transformations.	**Modern World History** *Yearlong* The growth of modern political, economic, and social structures in the 18th and 19th centuries is examined, covering such topics as the Scientific Revolution, the Enlightenment, the French Revolution, Colonialism/ Imperialism, Decolonization, and the Industrial Revolution. The course also focuses on developments in the 20th century, including World War I, global politics and the rise of authoritarianism, World War II, and contemporary issues in politics, economics, and society from the Cold War to present.	**American History** (Standard or Honors) *Yearlong* Students continue to develop skills in critical reading, writing, research, and historical thinking. Topics include indigenous cultures, colonization, the American Revolution, the expansion of the US in the 18th and 19th centuries, the Civil War and Reconstruction, slavery and the movement for civil rights, and America as a major world power. **American Studies (Integrated Honors English/History)** *Yearlong* An honors-level, highly integrated English and History course, team-taught during two blocks.	**History Elective Seminars** (Standard or Honors) *3 Trimesters* Students take three distinct, trimester-long courses representing a broad range of historical experiences. Each course aims to prepare students for college-level history and social science courses, focusing on exposure to topics in history, cultural and global studies, anthropology, and politics.
English	**Literature and Self-Knowledge** *Yearlong* Students gain a foundation in critical reading, writing, research, and thinking skills. Through literature study, students explore themes related to self-knowledge, ethics, identity and the individual's role in society. They study epic poems, short stories, dramas, novels, and poetry. Emphasis is placed on expository writing, grammatical concepts, vocabulary development, and research skills.	**Modern Literature** *Yearlong* This course features literature and ideas from the early Modern era to the present day. Students practice applying thematic frameworks to texts, events, or trends to develop their skills in critical thinking and analytical writing. Two core projects link English and History classes during the winter and spring trimesters. Overall emphasis is placed on vocabulary study, grammar practice, paragraph modeling, and research writing.	**English/American Literature** (Standard or Honors) *Yearlong* Students examine themes and patterns found in the American literary tradition and continue to develop skills as critical readers, writers, communicators, and collaborators. Students will read in various genres, from poetry to novels and plays, and have exposure to authors past and present, including emerging voices.	**English Elective Seminars** (Standard or Honors) *3 Trimesters* During the senior year, students take three distinct, trimester-long courses on topics ranging from Philosophy and Literature to Creative Writing. Each course aims to prepare students for English at the college level, focusing on critical reading, as well as communicating and writing with attention to the audience.
Science	**Environmental Science** *Yearlong* Students master content in three major units: Environment (fall), Experimentation (winter), and Physical Science (spring). Students develop skills in data integrity, model analysis, communication and group management through project-based experiences focused on implementing solutions to discovered problems. In addition, students meet increasingly sophisticated quantitative challenges in preparation for the rigors of further scientific study.	**Chemistry** *Yearlong* Students study matter, atomic structure, the periodic table, chemical compounds and reactions, the mole, solutions, environmental issues, material science, and chemical energy. They engage in laboratory experiments and research projects, as well as several chemical engineering challenges. Lab report writing, data interpretation, and test preparation skills are developed. **Concept Chemistry** *Yearlong* A project-based class studying chemistry concepts, presented with scaffolding, discussion, and guidance necessary to make the abstract content of chemistry accessible to all learners.	**Biology** *Yearlong* Students learn the fundamental concepts and research techniques of modern biology, increase their scientific reasoning skills, and expand the ability to communicate scientific knowledge verbally, graphically, and in writing. Topics include cell biology, genetics, evolutionary theory and ecology. Hands-on learning includes laboratory-based work and field research. **Honors Biology** *Yearlong* This course covers core biological concepts of cell biology, genetics, evolution, and ecology. Students run experiments using laboratory-based model organisms and engage in ecology research projects. Students learn how to read and interpret scientific literature and explore current discoveries.	**Honors Physics** *Yearlong* Students gain a conceptual understanding of core mechanics topics: position, velocity, acceleration, forces, momentum, and energy. Outside of content mastery, students develop skills in graphical analysis, scientific reading and notetaking, logical reasoning and justifying their thoughts. Beyond mechanics, the class may cover such topics as electromagnetism, gravitation, optics, astronomy, special relativity, research projects, and/or quantum mechanics.
			Science Elective: **Honors Advanced Chemistry** *Yearlong*	
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Innovations & Rhetoric	*Graduation Requirement: 1 foundations course in each of the 3 areas and an additional 3 credits of your choice* **Computational Thinking**: Foundations in Computational Thinking, Intermediate Programming, Advanced Programming Topics, Machine Learning, AI, and the Future, Software Development for the Web, Intro to Excel **Entrepreneurship and Design:** Foundations in Design Thinking, Building a Business, Entrepreneurial Leadership, Intro to Mechanical Engineering, Disruptive Innovations, Sustainability, Entrepreneurship in Eras of Economic Downturn & Disruption **Financial Literacy**: Foundations in Financial Literacy, Investments, Personal Finance, Introduction to Macroeconomics, Introduction to Microeconomics *Graduation Requirement: 1 trimester* **Rhetoric**: *One Trimester:* Intro to Rhetoric, *Two Trimesters:* Speech: Comp team, Debate: Comp team, Mock Trial: Comp team			
Health	**Health 9:** Promotes understanding through social and biological sciences, critical analysis about the media, and guided opportunities for self awareness and reflection.	*Graduation Requirement: one trimester* **Health Electives**: Endocrinology, Global Health, Introduction to Anatomy and Physiology, Psychology, Advanced Psychology, Yoga		
PE	*Graduation Requirement: 4 credits* PE, Strength and Conditioning, Yoga *Note: Apart from the PE courses offered during the school day, after-school sports can be taken for PE credit.* Sports at SAAS include: Soccer (Girls Fall, Boys Spring), Cross Country Fall, Volleyball Girls Fall, Basketball Winter, Wrestling Winter, Tennis Boys Fall, Girls Spring, Track and Field Spring, Golf (Boys Fall, Girls Spring), Ultimate Frisbee (Boys Fall, Girls Spring), Lacrosse (Spring). Credit can also be given for sports participation at other schools, if that sport is not offered at SAAS.			

GRADUATION REQUIREMENTS

Total Credits to Graduate: 84 *1 Credit = 1 Trimester*

HUMANITIES: 31
English - 12
History/Social Studies - 9*
World Languages - 9*
Rhetoric - 1

STEM: 21
Math - 9*
Science - 9*
Math or Science - 3

INNOVATIONS: 6
Entrepreneurship/Design - 1
Computational Thinking - 1
Financial Literacy - 1
Additional Electives - 3

ARTS: 7
Visual Arts- 1
Music - 1
Theater - 1
Dance - 1
Additional Electives - 3

PE/HEALTH: 6
Health - 2
PE - 4

ADDITIONAL: 13
General electives, a fourth year of core academic courses, and/or study skills

SENIOR PROJECT: 0.5
The Senior Project is a culminating experience in a senior's final five weeks at SAAS. An objective of the Senior Project is to provide career-exploration opportunities for students in order to obtain real-life employment experience. This non-paid educational internship is designed to add value to the business and provide students with real-world job experience in a career area of interest. Students will work with an advisor during the winter trimester to begin the brainstorming process to determine potential outside internship sites or to identify an internal project.

COMMUNITY SERVICE
160 Hours

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