YANGON ACADEMY
INTERNATIONAL SCHOOL

High School
Program of Studies

2024 - 2025

Revised 13 August 2024

Using Your High School Program of Studies

The purpose of this *High School Program of Studies* is to provide students and parents with the necessary information concerning a student's academic planning process at Yangon Academy from Grade 9 through Grade 12. Students will be guided through this process by their Counselor and will need to discuss their course selections with their parents. Aim High. Be Ambitious. Challenge Yourself. *Ad Astra!* To the Stars!

David Miller
Director

About Yangon Academy

Established in 2004, Yangon Academy International School is a private, English-medium school offering an American-based curriculum. The school provides quality education to children ages 2 to 18, from pre-nursery through grade 12. Qualified, highly experienced English-speaking teachers from around the world provide a strong academic foundation for learning. Our ever-improving campus facilities include air-conditioned classrooms, a library, a computer lab, music and art rooms, science labs, a full-sized sports court, and high speed wi-fi access throughout campus, all of which contribute to an exciting and rigorous educational experience.

Vision

Yangon Academy empowers students to reach their full potential.

Mission

Yangon Academy is a dynamic international school that provides a challenging K-12, American-based education which prepares our students for excellence in university and life. Our community inspires students to love learning and to contribute positively within a diverse and ever-changing world.

Schoolwide Learning Outcomes (SLOs)

Effective Communicators

- Listen respectfully and ask questions to facilitate understanding.
- Present information and ideas clearly and honestly with sensitivity to others.
- Demonstrate the ability to effectively communicate in multiple ways: speaking, writing, artistic/musical expression, kinesthetic/movement, mathematical/logical, interpersonal/social, intrapersonal/reflective, media/technology.
- Use appropriate technology as a tool to convey ideas.

Creative and Critical Thinkers

- Create, adapt, and evaluate new ideas in the light of the common good.
- Think reflectively and creatively to evaluate and solve problems.
- Achieve excellence, originality, and integrity in their own work.
- Analyze and employ the arts, media, and technology to enhance the quality of life.

Healthy Individuals

- Participate in leisure and fitness activities for a balanced and healthy lifestyle.
- Support the health and safety of self and others.
- Demonstrate a robust sense of physical and emotional happiness.

Collaborative Team Players

- Demonstrate the skills of effective collaboration to achieve personal and group goals.
- Collaborate meaningfully, supportively, and efficiently on teams.
- Demonstrate leadership through collaboration and teamwork.
- Understand that each member of a team plays an essential role, and all are interdependent.

Responsible Global Citizens

- Demonstrate a positive sense of respect for the dignity and welfare of others.
- Act ethically, taking responsibility for their own actions.
- Value and honor the role of family in society.
- Respect and affirm the diversity and interdependence of the world's peoples and cultures.
- Demonstrate care and concern for the environment and community.

Lovers of Learning

- Demonstrate attributes of passion, curiosity, and inquiry.
- Continually develop their given potential.
- Take risks to imagine and innovate.
- Accept responsibility for learning.

Global Competency at Yangon Academy

Global Competency represents the knowledge and understanding as well as the skills and habits to act on issues of global significance. By striving to develop Global Competency, Yangon Academy students are empowered "to contribute positively within a diverse and ever-changing world". Toward these ends, Yangon Academy International School has embedded within our SLOs the **Four** D**omains** for global competency as developed by the Asia Society & the Council of Chief State School Officers (CCSSO-United States).

At Yangon Academy, globally competent students are able to...

- **Investigate the world beyond their immediate environment,** framing significant problems and conducting well-crafted and age-appropriate research.

- **Recognize perspectives, others' and their own,** articulating and explaining such perspectives thoughtfully and respectfully.

- **Communicate ideas effectively with diverse audiences,** bridging geographic, linguistic, ideological, and cultural barriers.

- **Take action to improve conditions,** viewing themselves as players in the world and participating reflectively.

The 7 Teaching Principles of Yangon Academy

Developed and adopted by the faculty, the following research-based teaching principles are published by the school to guide teachers in their instruction and to inform all stakeholders of what effective teaching looks like in our classrooms.

Principle #1: Creating a Healthy Classroom Culture
The effective teacher creates high expectations and healthy social norms within the classroom that allow students to collaborate authentically, to experience success, and to develop confidence in their ability to learn, all of which is predicated upon ensuring the safety, protection, and dignity of each student.

Principle #2: Role Modeling for Global Citizenship
The effective teacher models the habits and attitudes of the ethically global citizen.

Principle #3: Assessing for Understanding
The effective teacher uses various and frequent modes of formal and informal assessment to monitor student understanding, to provide timely feedback, and to target instruction.

Principle #4: Knowing and Understanding Students
The effective teacher knows and understands the students' cultural contexts, prior knowledge base, and developmental stages.

Principle #5: Seeking Students' Misunderstandings and Misconceptions
The effective teacher strives to make student thinking visible and addresses students' misconceptions and underdeveloped understandings.

Principle #6: Maintaining Student Focus on Standards, Themes, and Concepts
The effective teacher maintains students' focus on subject standards, central organizing themes, and underlying concepts.

Principle #7: Teaching Metacognition
The effective teacher equips students with the skills to "learn how to learn" by providing explicit instruction in metacognition.

Student Expectations at Yangon Academy

A Yangon Academy student is expected to...

- be diligent in attempting to master such studies as are part of the program in which a student is enrolled.
- be well-prepared for all classes and put forth one's best effort, always.
- exercise self-discipline.
- accept such discipline as would be exercised by a kind, firm, and judicious parent.
- attend classes punctually and regularly.
- be courteous to fellow students and obedient and courteous to teachers.
- be clean in person and habits.
- complete assessments as required.
- show respect for school property.

Monitoring Student Progress

Advisory

Each student is assigned to a grade-level advisory section with a faculty advisor. The Faculty Advisor serves an important role in guiding students in their development as healthy, young adults and as mature, responsible students. If a student has a concern or a matter they need to share or discuss with an adult, they may approach their advisor. If further support is needed, the advisor will help the student approach the Counselor and/or the Principal.

Monitoring Student Progress

Student progress is continually monitored by teachers in various ways and recorded using the online Plus Portals system, giving students and parents updated access to assessment results. Student achievement is reported quarterly through progress reports and report cards, and parents/guardians are invited to meet with teachers twice a year at the end of the first and third quarters. If a student is earning a grade lower than a C- at mid-quarter, a progress report will be issued to alert them to improve their academic performance. The student is responsible for returning the signed progress report to the teacher to confirm that the parent/guardian has been informed of their academic status.

Attendance

In addition to grades, student attendance is required a minimum of 85% of the time per semester to receive credit for the course. Attendance is regularly uploaded to the online Parent Plus Portal.

Reporting Student Progress

Report Cards and Parent-Teacher Conferences
There are four reporting periods in the school year: two in the form of written report cards which are sent home, and two as parent-teacher conferences when reports are handed directly to the parents. Parents/guardians are invited to meet with teachers at the end of the first and third quarters to discuss their child's progress. Report cards are also uploaded to the Parent Plus Portal system.

The four report cards for 2024-25 will be issued as follows:

- Quarter 1 - November 2024 during parent-teacher conferences
- Quarter 2/Semester I - January 2025
- Quarter 3 - April 2025 during parent-teacher conferences
- Quarter 4/Semester II - June 2025

Examinations
For the core subjects of English, social studies, mathematics, and science, and for all academic AP courses, students in Grades 9 - 12 are required to sit for cumulative exams twice a year at the end of the first and second semesters. Semester exams are calculated as 20% of the semester grade in that course. In the event a student is unable to take an exam due to illness, a doctor's certificate is required to schedule a makeup exam.

Additional details concerning student reports are provided in the *Secondary Parent-Student Handbook.*

Grading

At Yangon Academy students receive letter grades for their schoolwork. A student's grade is determined by his/her performance in class activities, completion of assignments, performance on class projects, tests, examinations and other summative assessments. The Principal will meet with the parents of those students who earn a D in two or more courses, or an F in one or more courses in a quarter, in addition to the parent-teacher conferences.

- A is assigned to work that demonstrates excellence and is clearly exceptional.
- B represents work that is very good and shows signs of high achievement.
- C represents satisfactory completion of all assignments.
- D represents academic achievement at a minimum level.
- F indicates that key standards have not been met and no credit is earned.

Credits

Successful completion of a class that runs all year (two semesters) will earn the student 1.0 credit toward graduation. Courses that run for one semester earn 0.5 credit. Advanced Placement (AP classes) are valued at 1.0 credit and grades will be scaled to match the AP exam scoring bands.

Grading Scale

Letter Grade	Percentage Grade	Course Credit (Year)	Course Credit (Sem.)	GPA Weight*
A+	98-100	1.0	0.5	4.0
A	94-97	1.0	0.5	4.0
A-	90-93	1.0	0.5	3.67
B+	88-89	1.0	0.5	3.33
B	84-87	1.0	0.5	3.0
B-	80-83	1.0	0.5	2.67
C+	78-79	1.0	0.5	2.33
C	74-77	1.0	0.5	2.0
C-	70-73	1.0	0.5	1.67
D+	68-69	1.0	0.5	1.33
D	64-67	1.0	0.5	1.0
D-	60-63	1.0	0.5	0.67
F	50-59	0.0	0.0	0.0

Grade Point Average (GPA)*

Beginning with the first semester of the 9th grade, each student's cumulative Grade Point Average (GPA) is determined. This information is requested on many university applications. The GPA is computed using only semester grades earned at Yangon Academy, starting with Grade 9. Grades from other schools are not included. This is calculated by multiplying the Course Credit by the GPA Weight, then adding values of all courses taken to date.

Graduation Requirements

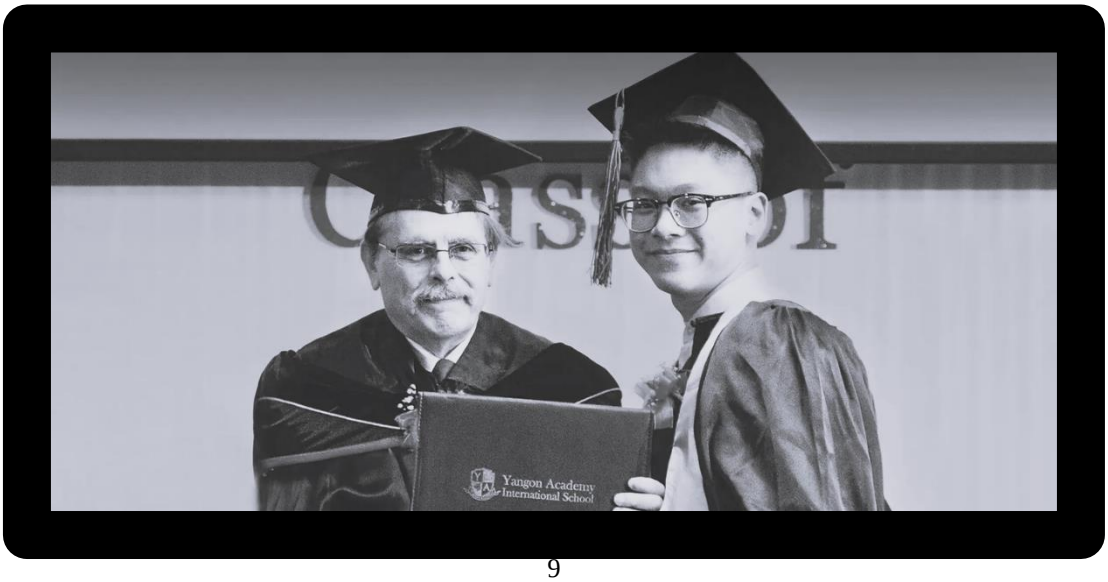
To graduate from Yangon Academy, a student must earn a minimum of 27 credits across all subject areas in grades 9-12, with the exception of those graduating in 2025 who must earn a minimum of 26 credits.

Subject	YA Credits Required (Class of 2025)	YA Credits Required (Class of 2026)	University Credits Recommended
English	4	5	4
Social Studies	3	3	4
Mathematics	3	3	4
Science	3	3	4
Myanmar Studies	4	4	
Art	1	1	
Computer Studies	1	1	
Music	1	1	
Health & Physical Education	1.5	1	
Electives	4.5	5	
Total (Minimum)	**26**	**27**	

Graduation with Honors

Upon graduation, Yangon Academy recognizes students with superb academic results for courses completed over a two-year minimum period at Yangon Academy only, with the following designations:

- **Summa Cum Laude** (with highest praise/distinction) – GPA of 3.8 or above
- **Magna Cum Laude** (with great praise/distinction) – GPA of 3.6 – 3.7
- **Cum Laude** (with distinction) – GPA of 3.4 – 3.5



Required Courses by Grade Level in 2024-2025

Grade 9	Credit	Grade 10	Credit
English 9	1.0	English 10	1.0
Academic Writing 9 *(Class of 2026+)*	1.0	Myanmar Studies 10	1.0
Myanmar Studies 9	1.0	Integrated Math 10 or equivalent	1.0
Integrated Math 9 or equivalent	1.0	World History 10	1.0
Asian Studies 9 or equivalent	1.0	Biology 10	1.0
Physical Science 9	1.0	Computer Studies 10	0.5
Music 9	1.0	Physical Education 10	0.5
Art 9	1.0	Electives	4.0
Computer Studies 9	0.5		
Physical Education 9	0.5		
Electives	1.0		
Maximum Yearly Credits	**10.0**	**Maximum Yearly Credits**	**10.0**

Grade 11	Credit	Grade 12	Credit
English 11/AP English Lang. & Comp.	1.0	English 12/AP English Lang. & Comp	1.0
Myanmar Studies 11	1.0	Myanmar Studies 12	1.0
Math Elective	1.0	Math Elective*	1.0
Social Studies Elective	1.0	Social Studies Elective*	1.0
Science Elective	1.0	Science Elective*	1.0
College Prep-Advisory 11	0.5	College Prep-Advisory 12	0.5
Electives	4.5	Capstone	0.5
		Electives	4.0
Maximum Yearly Credits	**10.0**	**Maximum Yearly Credits**	**10.0**

**Highly recommended*

Advanced Placement (AP)

The Advanced Placement (AP) Program, sponsored by The College Board, is an American-based curriculum designed to offer the challenge of college level courses for talented and ambitious high school students in a variety of subjects. Students prepare for a rigorous external examination in May and may receive university credit in the U.S for high scores.

AP courses require long-term commitment from students. For this reason, students must demonstrate the following before being admitted to any AP courses:

- A high level of motivation and good grades across most subject areas
- Fulfillment of course prerequisites as stated in this *High School Program of Studies*
- A high level of achievement (usually a B or better) in courses deemed prerequisite to the selected AP courses
- An understanding and acceptance of the increased homework demands
- Written subject teacher and parent approval
- Payment for exams is considered part of the family's financial obligations
- A commitment to complete all course requirements, including external examinations

Final determination for enrollment in AP courses will be made by the Principal in consultation with the Counselor and Subject Teacher. It is required that any student enrolled in AP courses will sit for the exam(s) in May. For AP students who choose not to sit for the AP examination(s), their final transcript will not have the prestigious "AP" designation accompanying the course title. Instead, the designation of "Honors" will appear next to the course title and the opportunity to earn college credit will not be possible.

AP Courses Offered in 2024-25

AP English Language and Composition
AP Precalculus
AP Calculus AB
AP Calculus BC
AP Statistics
AP Biology
AP Physics 1 (Algebra-based)
AP Chemistry
AP Environmental Science
AP Psychology
AP World History: Modern
AP 2-D Art and Design
AP 3-D Art and Design
AP Drawing
AP Computer Science A
AP Macroeconomics (AP Microeconomics offered alternating years)

Optional study leave will be granted to those students taking AP exams on the day of the specific exam and the day before only. Students are responsible for informing their teachers concerning AP exam leave and are required to make up for any work missed. Similar study leave may be granted for the SAT, PSAT, or TOEFL/IELTS testing times. More information regarding Advanced Placement can be found on the College Board website:
https://apstudent.collegeboard.org/home

Changing Courses
Course changes must be made during the first 7 days of the semester. A completed Drop/Add form must be submitted to the high school Administrative Assistant with approval by the Principal and with the appropriate teacher signatures. A request to add, drop, or otherwise change any course can be made only under the following circumstances:

- The change is necessary to meet graduation requirements.
- The change is necessary to meet post-secondary study goals.
- The student has already earned credit for the course.
- A course prerequisite is missing.
- An error occurred in course placement or registration

The deadline for Add/Drop requests for the 2024-25 school year will be the end of the seventh day of each academic semester.

Personalized Online Learning (Semester Elective)
Credit: 0.5
Prerequisites: Grades 11-12 only, Principal's approval

Yangon Academy offers limited online course opportunities in 2024-25 for those students with a special academic interest that is not offered within the published Program of Study. This personalized learning elective is for students in Grades 11-12 only. Students should see the Principal for pre-requisites, as well as the application and approval process.

High School Courses Offered in 2024-2025

ENGLISH

Five credits are required for graduation and an English course must be taken every year. *

English 9 (Required)
Credit: 1.0
Prerequisite: English 8
Resource: *Into Literature Grade 9* (HMH, 2022)

The Grade 9 literature course builds on the skills and knowledge students acquired in previous English literature courses focusing on introducing students to a wider range of literature, including novels, plays, poetry, and non-fiction texts. Students learn to analyze and interpret literary texts, understand the elements of literature, and appreciate the art of language. Students read works by classic and contemporary authors, and learn about literary movements, such as Romanticism, Realism, Modernism and more. The course also includes a focus on cultural and historical context, and students may be expected to analyze how literature reflects and shapes society and culture. They will learn to analyze texts in more depth and complexity, focusing on literary elements such as point of view, symbolism, and imagery, and literary devices like metaphor, simile, and imagery. The course will also include a focus on writing and research skills, where students will write literary analysis and critical essays, and develop research skills to support their writing. Students will be encouraged to think independently and express their own thoughts, opinions, and ideas. The goal of this course is to help students develop advanced literary analysis skills, improve their critical thinking, and research abilities and gain a deeper understanding and appreciation of literature.

Academic Writing 9 (Required)
Credit: 1.0
Prerequisite: Academic Writing 8
Resource: *Into Literature Grade 9* (HMH, 2022)

The Grade 9 English Writing course continues to build upon the students' literacy skills students have developed in previous years, focusing on becoming increasingly confident and independent writers and thinkers. They will learn to analyze texts in more depth and complexity, focusing on literary elements such as point of view, symbolism, and imagery, and literary devices like metaphor, simile, and imagery. The course also aims to develop students' writing skills and help them express themselves effectively. Students learn to write in various forms and styles, such as descriptive, narrative, persuasive, and expository writing. They also learn to use different organizational patterns and rhetorical strategies to support their ideas. Students will continue to improve their writing skills by studying grammar, vocabulary, and various writing techniques. Building research skills through utilizing various sources and integrating evidence into written work and investigating and understanding the use of persuasive and descriptive language to affect an audience is an integral part of this course. Overall, the goal is to build students' proficiency in communication and critical thinking exposing them to diverse perspectives, both cultural and literary.

English 10 (Required)
Credit: 1.0
Prerequisite: English 9 & Academic Writing 9
Resource: *Into Literature Grade 10* (HMH, 2022)

The 10th grade English course builds on the skills and knowledge gained in previous grades and continues to deepen students' understanding of literature and writing. Students are expected to read and analyze a wide range of texts from various genres and time periods, including novels, plays, poetry, and non-fiction texts. They learn to analyze literary elements such as plot, character, setting, point of view, theme, and symbolism, and to understand the cultural and historical context of the texts. The course also aims to help students continue to develop their writing skills and to express themselves effectively in writing. Students continue to learn to write in various forms and styles, such as descriptive, narrative, persuasive, and expository writing. They also learn to write literary analysis, research papers, and to use different organizational patterns and rhetorical strategies to support their ideas. In this grade level, students are expected to engage in independent reading, research and analysis, class discussions, and group work to prepare them for advanced coursework in 11th and 12th grades.

English 11 (Required or AP Language and Composition)
Credit: 1.0
Prerequisite: English 10
Resource: *Into Literature Grade 11* (HMH, 2022)

The English course at the grade 11 level includes the study and analysis of literary texts from various genres and periods. These texts may include plays, novels, poems, and short stories, and can range from classical literature to contemporary works. The course may also focus on the study of literary devices, such as symbolism, imagery, and metaphor, as well as literary movements and their cultural and historical contexts. The students will also develop their writing skills, including the ability to analyze and interpret literature, as well as express themselves clearly and effectively through writing. Students may also study literary movements, such as Romanticism, Realism, Modernism, and Postmodernism, and learn about the authors and the historical context of the works. Also, students will be exposed to works from various cultures and will discuss themes common in literature from diverse cultures. They learn to understand the impact of culture and history on literature. Overall, the course aims to improve students' critical reading and writing skills, and to expose them to a wide range of literary works and styles. In this grade level, students are expected to engage in independent reading, research and analysis, class discussions, and group work to prepare them for advanced coursework in 12th grade.

English 12 (Required or AP Language and Composition)
Credit: 1.0
Prerequisite: English 11 or AP Language and Composition
Resource: *Into Literature Grade 12* (HMH, 2022)

The grade 12 English literature course is focused on the study and analysis of literary texts from various genres and periods. The course often includes the study of texts such as novels, plays, poetry, and short stories and can range from classical literature to contemporary works. Students will develop their critical thinking skills through close reading and analysis of the texts, and explore the cultural, historical, and social contexts in which the works were written. The course may also focus on the exploration of themes and issues such as identity, power, and morality, as well as the study of literary devices and movements. Additionally, the course may include a research component where students are expected to independently analyze and interpret literary works using research and writing skills. Also, students will be encouraged to engage in class discussions and group activities to foster a deeper understanding of the texts they are reading and to develop their ability to articulate their ideas effectively. The course also aims to improve students' writing abilities through clear, analytical, and critical prose. The goal of the grade 12 English literature course is to prepare students for post-secondary education by fostering their appreciation and understanding of literature, and by developing their critical thinking, reading, and writing skills.

AP English Language and Composition (Elective)
Credit: 1.0
Prerequisite: English 10 and Principal's approval
Resource: *The Language of Composition* (Shea, Scanlon, et al., 2018)

AP English is a college-level course designed to prepare students for the Advanced Placement English Language and Composition exam. The course covers a wide range of topics, including rhetorical analysis, argumentation, and literary analysis. In our AP English course, students read a variety of texts from different time periods and genres, including novels, poems, essays, and plays. They will also be expected to write essays analyzing the various rhetorical strategies and literary devices used in the texts they read.

The course is designed to help students develop strong critical thinking and writing skills, which will be essential for success in college and beyond. Students will learn to analyze texts in a detailed and nuanced way and to construct logical and well-supported arguments. Also, students will be encouraged to engage in class discussions and group activities to foster a deeper understanding of the texts they are reading and to develop their ability to articulate their ideas effectively. Throughout the course, students will be expected to read and write extensively and actively participate in class discussions and group activities. Overall, students will be exposed to a broad range of non-literary texts with an emphasis on close reading, critical thinking, and clear and effective communication.

**Only four credits of English are required for students graduating in 2025.*

SOCIAL STUDIES

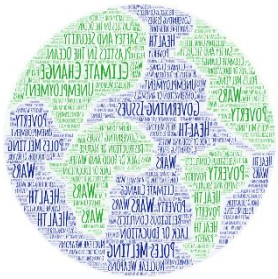
Three credits are required for graduation; four credits are recommended by universities.

Asian Studies 9 (Required)
Credit: 1.0
Prerequisites: Social Studies 8
Resource: *Geography and History of the World* (Boehm, National Geographic/Glencoe, 2010)

In this survey course of Asian Studies, students will explore the fascinating history, diverse cultures, and varied geography of Asia. Using AERO standards and the themes of history and geography as a framework, this inquiry-based course will require students to investigate the relationships and interactions between people and their environment as well as develop a deep understanding of the impact of the social, political, and economic forces that have shaped the modern nations of this region.

World History 10 (Required)
Credit: 1.0
Prerequisites: Asian Studies 9
Resource: *History Alive! World Connections, Third Edition* (TCI, 2013)

In this inquiry-based survey course, Grade 10 students will explore topics from Early Humanity through the Contemporary World, with a comprehensive overview of World History. Students will also build a deep understanding about the interconnectedness of historical events by learning about key historical themes, such as cultural and human-environmental interactions, as well as political and economic structures. Using various sources, within a student-centered teaching approach, the course will be structured in both a chronological and a thematic fashion, with each unit/lesson integrating inquiry, content, literacy, and citizenship. Students will hone their literacy skills throughout the course. From writing narratives and arguments to reading expository texts and rich primary resources, literary assignments are integrated throughout the interactive student notebook and classroom activities. Summative assessments will include a variety of paper and online formats, e.g., quizzes, presentations, projects, tests, and semester examinations.



Global Issues (Elective)
Credit: 1.0
Prerequisites: World History 10
Resource: Miscellaneous online sources

This year-long elective will explore present-day global and regional issues in depth using project-based learning. With current print and digital sources, students will have an opportunity to delve into social, political, and economic problems emergent in the world and Asian regions today. They will also study the structure and function of regional and international organizations designed to address and act on these problems.

AP Psychology (Elective)
Credit: 1.0
Prerequisites: English & Academic Writing 9 or equivalent and Principal's approval
Resource: *Myers' Psychology for the AP Course*, *Fourth Edition* (BFW/Worth Publishers, 2024)

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with major units of study, including biological bases of behavior, cognition, development, learning, social psychology, personality, and mental and physical health. Throughout the course, students apply psychological concepts and employ psychological research methods and data interpretation to evaluate claims, consider evidence, and effectively communicate ideas. As per the AP Psychology CED, there are no prerequisites for AP Psychology; however, students should be able to read a college-level textbook and to express themselves clearly in writing in order to be successful in this course.

AP World History: Modern (Elective)
Credit: 1.0
Prerequisite: World History 10 or equivalent and Principal's approval
Resource: *World History: Modern [1200-Present]* (AMSCO, 2020)

AP World History is designed to be the equivalent of a two-semester introductory college or university world history course. In AP World History, students investigate significant events, individuals, developments, and processes in six historical periods from approximately 1200 C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, continuity, and change over time. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state-building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

AP Macroeconomics (Elective offered in 2024-25)
Credit: 1.0
Prerequisites: Asian Studies 9 or equivalent and Principal's approval
Resource: *Krugman's Economics for the AP Course, Third Ed.* (Anderson & Ray, 2019)

AP Macroeconomics is a first-year college-level course. The course places particular emphasis on the study of national income, price-level determination, fiscal policy, monetary policy, and international trade and finance. It focuses on the principles that apply to an economic system as a whole. It also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

AP Microeconomics (Elective next offered in 2025-26)
Credit: 1.0
Prerequisite: Asian Studies 9 or equivalent and Principal's approval
Resource: *Krugman's Economics for the AP Course, Third Ed.* (Anderson & Ray, 2019)

AP Microeconomics is a first-year college-level course. The focus is on the principles of economics that apply to the functions of individual economic decision-makers. A major focus is on the study of the theory of the firm: perfect competition, monopolistic competition, oligopoly, and monopoly. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

MATHEMATICS

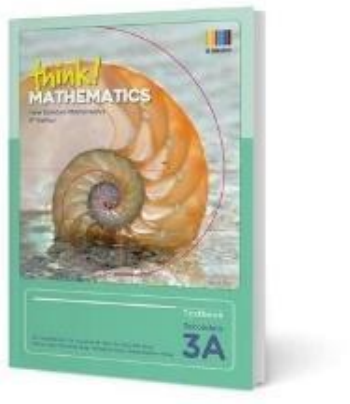
Three credits are required for graduation; four credits are recommended by universities.

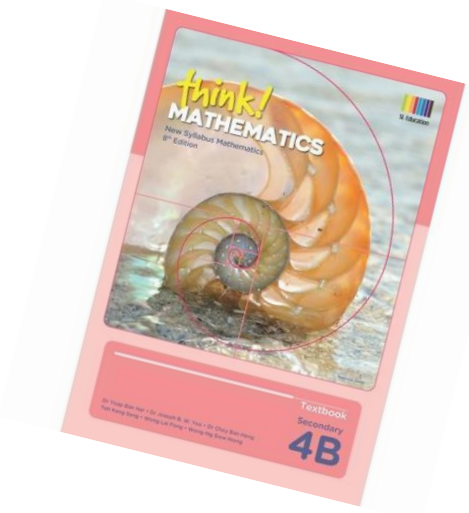
Integrated Mathematics 9 (Required)
Credit: 1.0
Prerequisite: Mathematics 8
Resource: *Think! Mathematics: Secondary 3, Eighth Edition* (SL Education, 2023)

Integrated Mathematics 9 is the fundamental course for high school mathematics students. The integrated curriculum provides extensive learning about algebra, coordinate-geometry, geometry, and trigonometry as well. Students will develop critical, creative, and transfer skills during their learning process. This enhances the knowledge of overall mathematics and familiarization with complex word problems, deductive-inductive reasoning skills, and logical understanding throughout this course. The course is a comprehensive one-year mathematics course that satisfies the high school requirement and prepares students for Integrated Mathematics 10. In addition to a laptop, a scientific calculator is required, or a graphing calculator is recommended.

Integrated Mathematics 10 (Required)
Credit: 1.0
Prerequisites: Integrated Mathematics 9
Resource: *think! Mathematics: Secondary 4, Eighth Edition* (SL Education, 2023)

Grade 10 integrated math is the fundamental course for high school mathematics students. Students will understand and apply concepts related to real life such as trigonometry, statistics and probability. The 10th-grade math curriculum also provides extensive learning in topics relating to algebra. This enhances the knowledge of application and critical thinking skills. Students will get familiarization with complex word problems and deductive and inductive reasoning skills and logical understanding. In addition to a laptop, a scientific calculator is required, or a graphing calculator is recommended.





Statistics (Elective)
Credit: 1.0
Prerequisites: Integrated Mathematics 10
Resource: *Introductory Statistics* (OpenStax by Rice University, 2018)

Statistics is a comprehensive one-year course that introduces students to the fundamental concepts of statistics and probability. Topics covered are sampling and data, descriptive statistics, probability topics, discrete random variables, continuous random variables, normal distribution, confidence interval, hypothesis testing, correlation, and regression analysis. Students will learn to interpret categorical and quantitative data, make inferences and justify conclusions, justify probabilities of events and use probabilities to make decisions. The use of different computer software is incorporated into the lessons. In addition to a laptop, a scientific calculator is required, or a graphing calculator is recommended.

AP Statistics (Elective)
Credit: 1.0
Prerequisite: Integrated Mathematics 10 or equivalent and Principal's approval
Resource: *Advanced High School Statistics, Third Ed.* (Diez et al., 2022)

This course is equivalent to an introductory university statistics course and thus a student will acquire the following skills: select methods for collecting and/or analyzing data for statistical inference, describe patterns, trends, associations, and relationships in data, explore random phenomena, and develop an explanation or justify a conclusion using evidence from data, definitions, or statistical inference. This course will provide a stronger theoretical foundation than the *general statistics* course and will introduce more powerful methods for making inferences through data. *General statistics* is not a prerequisite, it is possible to follow this course without prior knowledge of statistics. Students are required to purchase a graphing calculator (TI84 recommended, TI-81,82,83 or TI-NSpired acceptable) for this course.

AP Precalculus (Elective)
Credit: 1.0
Prerequisite: Integrated Mathematics 10 or equivalent and Principal's approval
Resource: *Precalculus: Graphical, Numerical, Algebraic, Eighth Ed.* (Demana et al., 2010)

AP Precalculus fosters the development of a deep conceptual understanding of functions. Students learn that a function is a mathematical relation that maps a set of input values (the domain) to a set of output values (the range) such that each input value is uniquely mapped to an output value. Students understand functions and their graphs – a key idea in preparing for calculus. With each function type, students develop and validate function models based on the characteristics of a bivariate data set, characteristics of covarying quantities and their relative rates of change, or a set of characteristics such as zeros, asymptotes, and extrema. These models are used to interpolate, extrapolate, and interpret information with different degrees of accuracy for a given context or data set. Students also learn that every model is subject to assumptions and limitations. As a result of examining functions from many perspectives, students develop a conceptual understanding of specific function types but also of functions in general. This type of understanding helps students engage with both familiar and novel contexts and prepares them for a more advanced Calculus course. Students are required to purchase a graphing calculator (TI84 recommended, TI-81,82,83 or TI-NSpired acceptable) for this course.

AP Calculus AB (Elective)
Credit: 1.0
Prerequisite: Precalculus or equivalent and Principal's approval
Resource: *Calculus for AP: Early Transcendentals, Second Ed.* (Rogawski and Cannon, 2012)

AP Calculus AB is equivalent to a first-year university calculus course. Composing both differential and Integral calculus, topics covered are limits, derivatives and their applications, anti-derivatives, indefinite integrals, definite integrals, and applications of integration. Students learn to solve calculus problems graphically, algebraically, and verbally, and they also learn to employ technology as part of the analytical process of problem-solving. Students are required to purchase a graphing calculator (TI84 recommended, TI-81,82,83 or TI-NSpired acceptable) for this course.

AP Calculus BC (Elective)
Credit: 1.0
Prerequisite: Pre-calculus or equivalent and Principal's Approval
Resource: *Calculus for AP: Early Transcendentals, Second Ed.* (Rogawski and Cannon, 2012)

AP Calculus BC is designed to be the equivalent to both first and second-semester college calculus courses. AP Calculus BC applies the content and skills learned in AP Calculus AB to parametrically defined curves, polar curves, and vector-valued functions; develops additional integration techniques and applications; and introduces the topics of sequences and series. Students learn to solve calculus problems graphically, algebraically, and verbally, and they also learn to employ technology as part of the analytical process of problem-solving. Students are required to purchase a graphing calculator (TI84 recommended, TI-81,82,83 or TI-NSpired acceptable) for this course.

SCIENCE

Three credits are required for graduation; four credits are recommended by universities.

Physical Science 9 (Required)
Credit: 1.0
Prerequisite: Science 8
Resource: *Glencoe Physical Science* (McGraw Hill, 2017)

This course integrates unifying science concepts and processes of systems, order and organization, models and explanations, change, consistency and equilibrium, form and function. students will learn concepts through frequent hands-on investigations and PHET online simulated laboratories. Using the scientific method as a means of providing evidence in support of a hypothesis, students will form and test a hypothesis on an original research project. The first part of the course includes physics and the second part includes chemistry. In addition to a laptop, a scientific calculator is required for this course.

Biology 10 (Required)
Credit: 1.0
Prerequisite: Physical Science 9
Resource: *Biology* (Nowicki, 2017)

This is a laboratory-based science class in which students study the cell, biochemistry and energy exchange, chromosomal genetics and gene expression, the molecular basis of heredity, biological evolution, interdependence of organisms, and organization in living systems. Students utilize the 8 NGSS science and engineering practices throughout the course conducting many hands-on activities and investigations, including experiments such as dissection, gel electrophoresis, and photosynthesis to gain further knowledge of biology. In addition to a laptop, a scientific calculator is required for this course.

Chemistry (Elective)
Credit: 1.0
Prerequisite: Biology 10
Resource: *General Chemistry Essential Concepts, 4th Ed*. (Chang, 2006)

Topics will include the nature of chemistry as a science, atomic structure, the quantum model of the atom and electron configuration, the periodic table, chemical formulas and bonding, chemical reactions, equations, and stoichiometry, states of matter, periodic properties, chemical equilibrium, acids and bases, organic chemistry and chemical thermodynamics. Each of these topics will be elucidated by pertinent laboratory investigations in which the students will become acquainted with setting up equipment for taking measurements, calculating percent errors and uncertainties, and evaluating the limits of the procedure used. Upon successful completion of this course, students will be prepared to move on to AP or university-level science courses. In addition to a laptop, a scientific calculator is required for this course.

Physics (Elective)
Credit: 1.0
Prerequisite: Biology 10
Resource: *Physics High School* (OpenStax, Rice University, 2020)

This science course focuses on a conceptual understanding of Physics. The goal of the course is for students to actively pursue an understanding and appreciation of the laws that govern matter and energy and their interactions. A sound understanding of Math concepts is needed in this subject. Students will integrate algebraic problem-solving skills as they apply the laws of physics to show relationships between physics quantities. 1st semester will focus on Mechanics. Topics to be covered include motion in one dimension, acceleration, forces and Newton's laws of motion, motion in two dimensions, circular and rotational motion, Newton's law of gravitation, momentum, work, energy, and simple machines. In 2nd semester we will broaden our scope and delve into the world of electromagnetics, wave- and particle physics and investigate the weird world of Relativity; when traditional mechanics breaks down. Laboratory experimentation will include projects to be completed individually and in groups. In addition to a laptop, a scientific calculator is required for this course.

Environmental Science (Elective)
Credit: 1.0
Prerequisite: Biology 10
Resource: *Holt Environmental Science* (Karen Arms, 2004)

Students will learn about the various scientific concepts, principles, and methodologies of environmental science, while studying the natural world. We will investigate various topics about environmental awareness and worldviews; this course is designed to introduce important environmental issues related to the global community. The course includes studies in geology, biology, chemistry, and geography, which drive the earth's biosphere. In addition to a laptop, a scientific calculator is required for this course.

AP Environmental Science (Elective)
Credit: 1.0
Prerequisite: Biology 10 and Principal's approval
Resource: *Living in the Environment 17th Ed.* (G. Tyler Miller, 2012)

The goal of this course is to provide students with the scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, and to evaluate the risks associated with these problems and examine alternative solutions for resolving and preventing them. Lab experiments will be included in the course to better understand how environmental science works. In addition to a laptop, a scientific calculator is required for this course.

AP Biology (Elective)
Credit: 1.0
Prerequisite: Biology 10 and Principal's approval
Resource: *Biology: A Global Approach 10th Ed.* by (Campbell et al., 2015)

This course is designed to offer students a solid foundation in introductory college-level biology. The structure of the course follows the four big ideas, enduring understandings, and science practices and helps students in developing an appreciation for the study of life and help them identify and understand unifying principles within a diversified biological world. Biology is a result of inquiry and science is a way of knowing. The process of inquiry in science and developing critical thinking skills is the most important part of this course. At the end of the course, students will have an awareness of the integration of other sciences in the study of biology, understand how the species to which we belong are similar and yet different from other species and be knowledgeable and responsible citizens in understanding biological issues that could potentially impact their lives. There are lab experiments included in this course. In addition to a laptop, a scientific calculator is required for this course.

AP Chemistry (Elective)
Credit: 1.0
Prerequisite: Biology 10, Principal's approval
Resource: *AP Edition Chemistry 9th Ed.* (Zumdahl, 2014)

AP Chemistry is an introductory college-level course equivalent to two semesters of first year chemistry with a lab. Topics to be studied will include models of chemical bonding, chemical properties of gasses, liquids and solids, stoichiometry, properties of solutions, chemical reactions, kinetics, thermodynamics, equilibrium, acids and bases and the quantum mechanical model of the atom. A strong emphasis is placed on analytical problem-solving skills as well as the development of good laboratory practices. Students will learn how to determine both experimental and instrumental uncertainties and use those to evaluate the validity of laboratory data and the shortcomings of the procedure. In addition to a laptop, a scientific calculator is required for this course.

AP Physics 1 (Elective)
Credit: 1.0
Prerequisite: Integrated Math 10 and Principal's approval
Resource: *College Physics for AP Courses* OpenStax (Rice University 2015)

AP Physics 1 is an algebra-based physics course. Students in this course learn about the foundational principles of physics as they explore Newtonian mechanics, work, energy, and power, momentum, simple harmonic motion, and torque and rotational motion. Hands-on laboratory work is conducted to investigate physical phenomena. Some skills developed in this course include using mathematics to solve science problems, analyzing data and evaluating evidence, working with scientific explanations and theories, and making connections. The curriculum follows the Advanced Placement Program. In addition to a laptop, a scientific calculator is required for this course.

MYANMAR STUDIES

Four credits are required for graduation and Myanmar Studies must be taken every year.

Myanmar Studies 9 (Required)
Credit: 1.0
Prerequisite: Myanmar Studies 8 or teacher's approval
Resources: Physical and digital materials published by the Myanmar National Curriculum

This course is intended for native Burmese speakers with foundational language skills. These classes aim to improve students' comprehension of the fundamentals of Burmese literature as well as their Burmese language proficiency. Students learn about the customs, language, and culture of Myanmar. They develop their writing, reading, and speaking abilities with the Myanmar language in addition to studying the history, cultural practices, and customs of Myanmar. The course uses textbooks and materials published by the Myanmar Ministry of Education, as well as various teacher-produced resources.

Myanmar Studies 10 (Required)
Credit: 1.0
Prerequisite: Myanmar Studies 9 or teacher's approval
Resources: Physical and digital materials published by the Myanmar National Curriculum

This course is intended for native Burmese speakers with foundational language skills. These classes continue to build students' understanding of Burmese literature as well as their Burmese language proficiency. Students continue to learn about the customs, language, and culture of Myanmar, as they further develop their writing, reading, and speaking skills in the Myanmar language. They use the native language to further their study of the history, culture, and customs of Myanmar. The course uses textbooks and materials published by the Myanmar National Curriculum, as well as various teacher-produced resources.

Myanmar Studies 11 (Required)
Prerequisite: Myanmar Studies 10 or teacher's approval
Resources: Physical and digital materials published by the Myanmar National Curriculum

This course is intended for native Burmese speakers with foundational language skills. These classes aim to improve students' comprehension of the fundamentals of Burmese literature as well as their Burmese language proficiency. Students study Myanmar studies skills up to a college and university level in Advanced Myanmar Language Studies. Students study reading, writing, speaking, and listening skills as well as their cultural heritage. The course uses textbooks and materials published by the Myanmar National Curriculum, as well as various teacher-produced resources.

Myanmar Studies 12 (Required)
Prerequisite: Myanmar Studies 11 or teacher's approval
Resources: Physical and digital materials published by the Myanmar National Curriculum

This course is intended for native Burmese speakers with foundational language skills. These classes aim to improve students' comprehension of the fundamentals of Burmese literature as well as their Burmese language proficiency. Students study Myanmar studies skills up to a college and university level in Advanced Myanmar Language Studies. Students study reading, writing, speaking, and listening skills as well as their cultural heritage. The course uses textbooks and materials published by the Myanmar National Curriculum, as well as various teacher-produced resources.

Myanmar Studies for Beginners (Teacher placement required)
Credit: 1.0
Prerequisite: Teacher assessment and placement
Resources: Physical and digital materials published by the Myanmar National Curriculum

This course is for Myanmar students and non-native speakers who are still developing their fluency in order to meet the standards of the grade level Myanmar Studies class. This course focuses on developing the students' reading and writing skills in the Burmese language and follows the same curriculum as Myanmar Studies at each grade level. The students learn about Myanmar's geography, history, and social ethics as well. The teacher adapts the program to meet students' individual language needs. The course uses textbooks and materials published by the Myanmar National Curriculum, as well as various teacher-produced resources.

ART

One credit is required for graduation.

Art 9 (Required)
Credit: 1.0
Prerequisite: Art 8
Resource: *Visual Art for Secondary*

In this course, students will learn about the more in-depth aspects of perspective, such as using one-point, two-point, and three-point perspectives as well. Students will learn the elements of art and demonstrate creative and personal artistic expression. Students will understand the visual expression and understanding fundamental elements provides aesthetic awareness and qualitative judgment within the various design approaches. Students will be able to learn to Identify to compare artworks from different cultures and historical events that influence art. At the end of these units, the students will be able to apply all the elements of art and principle of design to their artworks.

Visual Arts (Elective)
Credit: 0.5
Prerequisite: Art 9
Resource: Resources vary based on course goals and instructor preferences.

In this course, students will learn about the more in-depth aspects of perspective, such as using one-point, two-point, and three-point perspectives as well. Students will learn the elements of art and demonstrate creative and personal artistic expression. Students will understand visual expression and understanding fundamental elements provides aesthetic awareness and qualitative judgment within the various design approaches. Students will be able to learn to Identify to compare artworks from different cultures and historical events that influence art. At the end of these units, the students will be able to apply all the elements of art and principles of design to their artworks. Students will be able to identify characteristic theme-based works of visual art, such as artworks based on the themes of family and community, from various historical periods and world cultures.

Interior and Exterior Design (Elective)
Credit: 0.5
Prerequisites: Art 9
Resource: Resources vary based on course goals and instructor preferences.

In this art course, students will learn how to use a perspective in interior and exterior design drawings. This course is concerned with architectural drawing techniques of different presentation methods, basic geometric drawing and architectural lettering, types of lines used in architectural drawing, techniques, geometrical and perspective projections for different bodies, three-dimensional drawings, isometrics, axonometric, shade, shadow, and perspective for interior and exterior architecture.

Drawing and Painting (Elective)
Credit: 0.5
Prerequisite: Art 9
Resource: Resources vary based on course goals and instructor preferences.

This course is an introduction to the fundamental concepts of drawing with an emphasis on observational drawing practices. Drawing and Painting is an introductory course that provides the student with experiences in working with a variety of subject matter and media. Various methods and materials (such as colored pencils, graphite, charcoal, crayon, and several types of paint) will be explored. This course is a one-semester elective offered to students in grades 10-12 who have completed drawing and painting; it is highly recommended for the student who plans to take AP Studio Art. The course builds upon the basic skills acquired in Drawing and painting.

2D and 3D Mixed Media (Elective)
Credit: 0.5
Prerequisite: Art 9
Resource: Resources vary based on course goals and instructor preferences.

The mixed Media Arts course explores subject matter through mixed media, a contemporary means of self-expression. Students are introduced to the rigor and routine of the art production process including planning, producing, and reflecting on art. With an emphasis on studio arts, students explore a wide range of 2D and 3D media, skills, and techniques, as related to contemporary and historical art perspectives. Projects may include but not be limited to drawing, painting, printmaking, collage, mixed media, pottery, and sculpture. Students develop technical skills, foster their expressive abilities, and employ the elements of art throughout the production process. These student artists develop perceptual, creative, technical, and problem-solving skills in a sculptural context.

AP 2-D Art (Elective)
Credit: 1.0
Prerequisites: Art 9 and Principal's approval
Resource: Resources vary based on course goals and instructor preferences.

Students create a portfolio of work to demonstrate inquiry through art and design and the development of materials, processes, and ideas over a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. Students extend to advanced-level techniques used to create a variety of 2-D artworks through developing skills in drawing, painting, printmaking, and collage. Students manipulate the structural elements of art to promote creative risk-taking in 2-D artwork.

AP 3-D Art (Elective)
Credit: 1.0
Prerequisites: Art 9 and Principal's approval
Resource: Resources vary based on course goals and instructor preferences.

AP Art 3D is an advanced course that focuses on the creation of three-dimensional artworks. Students explore various techniques, materials, and concepts to develop their sculpting, modeling, and crafting skills. Emphasis is placed on conceptualization, design, and craftsmanship as students work on projects that challenge their creativity and technical abilities. Throughout the course, students critically analyze and reflect on their work and the work of others, fostering a deeper understanding of three-dimensional art and its role in contemporary artistic practice. Portfolios encompass artworks, process documentation, and written reflections. By the end of the course, students will have built a portfolio of original, expressive, and technically proficient 3D artworks suitable for submission to the AP Art and Design exam.

AP Drawing (Elective)
Credit: 1.0
Prerequisites: Art 9 and Principal's approval
Resources: Digital drawing tools and software are beneficial for exploring various techniques.

AP Art and Design Drawing is a comprehensive course that develops students' drawing skills, fosters creative expression, and enhances critical thinking. Students explore various techniques, concepts, and processes, culminating in a portfolio showcasing mastery. Throughout the AP Drawing course, students develop a portfolio showcasing their inquiry into art and design. This includes the evolution of materials, processes, and ideas. This portfolio, submitted in May, reflects technical proficiency, creative exploration, and conceptual understanding, evaluated through synthesis, experimentation, and revision. Digital cameras or scanners may aid in documenting artwork, but specific technology requirements vary.

MUSIC

One credit is required for graduation.

Music 9 (Required)
Credit: 1.0
Prerequisite: Music 8 or equivalent
Resources: *Alfred's Essentials of Music Theory*

Students will explore the fundamentals of music by exploring and creating music utilizing various digital platforms. Topics will include a basic understanding of musical elements such as rhythm, pitch, melody, and individual and ensemble singing and playing. This class also explores the history of music, and the role music plays across cultures. This class consists of two general areas of learning: Listening (how music is understood and how to appreciate musicians throughout history and Performing (how musical skills are developed and how to build knowledge and awareness. Students will showcase their skills in a setting that encourages public performance.

Music Theory (Elective)
Credit: 0.5
Prerequisite: Music 9
Resources: *The AB Guide to Music Theory* by Eric Taylor

This course emphasizes the creation and performance of music at a level consistent with previous experience. Students will develop musical literacy skills by using the creative and critical analysis processes in performance. Students will develop their understanding of musical conventions, practices and terminology and apply the elements of music in a range of activities. Students will continue their study of music theory. They will also study the biography of various musicians, along with Asian and World traditional songs. Students will continue with solo and group singing. Here they learn to sing traditional songs solo, on pitch and in tempo, with clear diction, proper pronunciation, and appropriate posture. They will also explore the function of music in society with reference to self, communities, and cultures.

Music - Guitar (Elective)
Credit: 0.5
Prerequisite: Music 9

In this course, students will learn to play chords (major, minor, sharp, flat), scales, finger picking styles, strumming patterns, guitar TAB, and guitar notation. This introductory course supports students who are interested in playing the guitar fluently.

Advanced Guitar (Elective)
Credit: 0.5
Prerequisites: Music - Guitar or music teacher's approval

This course is designed for students who already have a strong background in guitar. Students will receive guidance and direction in solving problems related to playing the guitar on an intermediate level and will learn many of the different styles, skills, and techniques required to become a successful musician. Areas of concentration may include: correct posture, note reading, aural skills, flatpicking, singing songs, rhythmic patterns, chord study, bass playing, finger picking styles, melody construction, musical forms, tablature notation, improvisation, and performing experiences.

Music - Keyboard (Elective)
Credit: 0.5
Prerequisites: Music 9
Resources: *Yamaha Piano Book: Beginner Piano Course* by James Bastien; *Alfred's Basic Piano Library*

The intent of this course is the development of piano keyboard proficiency skills. The focus will be given to basic keyboard technique, score reading and performance, sight-reading, accompanying, and transposition. In the Keyboard class, the students will learn how to read music notes, chords, and beat style. They will also learn repertoire and melody playing. The material for the course will be presented in a lecture/lab format. Instruction will take place in the keyboard room. Musical examples from a wide array of genres will be used to demonstrate the concepts covered.

Advanced Keyboard (Elective)
Credit: 0.5
Prerequisites: Music - Keyboard or teacher's approval

Advanced keyboard is designed for students who already have a strong background in keyboard/piano. This course explores the advanced applications of keyboard fundamentals and technical skills. Includes exercises in intervals, triads, all major and minor scales, and simple and compound meters.

Chorus (Elective)
Credit: 0.5
Prerequisites: Music 9

Chorus students will learn to use their vocal instrument to create a correct and pleasing sound. In addition to learning vocal production and technique, students will also learn music reading, sight-reading, and performance skills. Chorus also offers opportunities for students to develop team building and leadership skills. This is a performance-based class. Participation in dress rehearsals and concert rehearsals is required outside class hours.

String Ensemble (Elective)
Credit: 0.5
Prerequisites: Music 9 and student must provide own stringed instrument (not guitar)

This music elective is designed for students of all skill levels and will teach the basics needed to perform with any one of a variety of classical instruments (violin, viola, cello, double bass, etc.) which the student will provide. The class accommodates thirteen students as beginners in the String Ensemble course. Focus will be given to basic techniques, score reading, sight-reading, and performance skills. Instruction will be adapted to suit each student's individual level and enable growth in these areas. This is a performance-based class. Participation in dress rehearsals and concert rehearsals is required outside class hours.

Instrumental Music - Independent Study (Elective)
Credit: 0.5 (Pass/Fail)
Prerequisites: Intermediate level ability with an instrument and teacher's approval

This music elective is for students who have gained at least an intermediate level of ability with an instrument, either that the school has in stock or that the student owns. This course is for students who wish to continue their own practice schedule and routine with guidance from the teacher. As a means of assessment, a culminating performance is required.

INFORMATION AND COMMUNICATION TECHNOLOGY

One credit is required for graduation.

Computer Studies 9 (Required)
Credits: 0.5
Prerequisite: Computer Studies 8
Resources: MDN web docs about HTML, CSS, JavaScript, SQL tutorials

The Grade 9 Computer Studies course introduces students to fundamental concepts of programming and computer science to prepare them for more advanced studies in later grades. By the end of the course, students will have a basic understanding of programming and computer science concepts, be able to write simple web programs, understand the ethical and societal implications of technology, and be able to apply this knowledge in their own online activities. The course gives students a general idea of what computer science is, what it entails, and what kind of career opportunities it offers.

Computer Studies 10 (Required)
Credits: 0.5
Prerequisite: Computer Studies 9
Resources: MDN web docs about JavaScript, dark web and Cyber Security tutorials

The Grade 10 Computer Studies course is designed to build on foundational concepts and provide students with a deeper understanding of programming and computer science. It includes team-based programming projects and problem-solving challenges to apply concepts in a practical context. By the end of the course, students will have a solid understanding of programming and computer science concepts, be able to write simple programs and have a better perspective on career opportunities in the field and how it can be applied in different industries.

Computer Programming 1 (Elective)
Credits: 1.0
Prerequisite: Computer Studies 9 and 10
Resources: Python.org

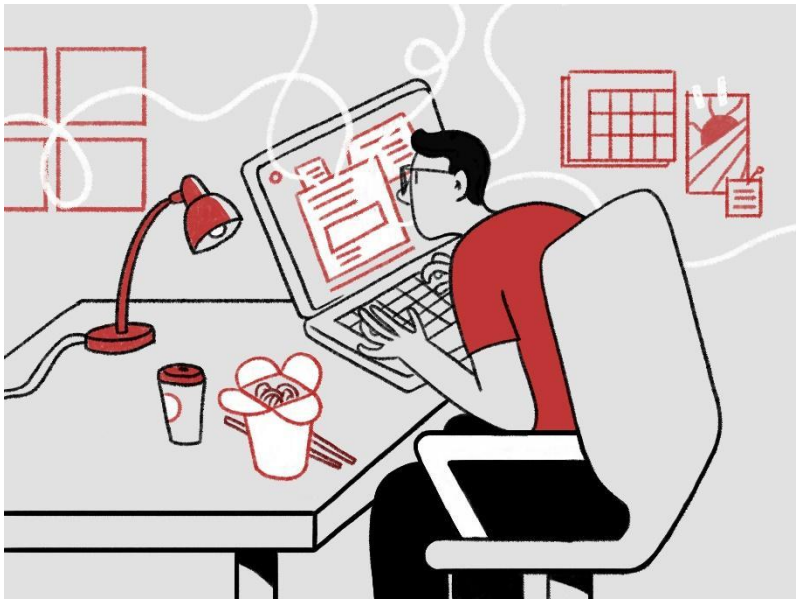
This Computer Studies course focuses on preparing students for further study in computer science or other related fields. Emphasis is also placed on teamwork, problem-solving, critical thinking, and understanding the ethical and societal implications of computer science. High programming proficiency is expected, and students will work on more complex projects independently. By the end of high school, students will have a strong foundation in programming and computer science concepts and be well-prepared for post-secondary studies in the field. Software used includes Python Compilers such as PyCharm, Visual Studio Code, MySQL connector, PIP installation for python library.

Computer Programming 2 (Elective)
Credits: 1.0
Prerequisite: Computer Programming 1
Resources: Python.org

This Computer Studies course is for advanced students and focuses on preparing students for further studies in computer science or other related fields at university. Emphasis is also placed on teamwork, problem-solving, critical thinking, and understanding the ethical and societal implications of computer science. High programming proficiency is expected, and students will work on more complex projects independently. By the end of high school, students will have a strong foundation in programming and computer science concepts and be well-prepared for post-secondary studies in the field. Software used includes Python Compilers such as PyCharm, Visual Studio Code, MySQL connector, PIP installation for python library.

AP Computer Science A (Elective)
Credits: 1.0
Prerequisites: Computer Studies 10 and Principal's approval

This is an introductory, college-level computer science course. AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language and is designed to prepare the student for success on the AP Computer Science A exam.



HEALTH AND PHYSICAL EDUCATION

One credit is required for graduation.

Physical Education 9 (Required)
Prerequisite: Physical Education 8
Credits: 0.5

This course provides students with the opportunity to learn a variety of sports and sport-related movements as well as health and fitness concepts. Health topics relate to nutrition, fitness, health and wellness. Emphasis is placed on active participation and positive social interaction during fitness and sport activities. The goal of this course is to introduce students to optimize physical competence in each of the recognized fitness domains: endurance, stamina, strength, flexibility, power, speed, coordination, agility, balance and accuracy.

Physical Education 10 (Required)
Credits: 0.5
Prerequisite: Physical Education 9

This course is designed to provide students with an opportunity to participate in four activities: basketball, volleyball, football and badminton. Students will be asked to demonstrate a combination of skills, knowledge, and behaviors associated with a complex game or other performance. The students will develop the necessary skills needed to complete the low and high ropes course. These are the principal activities used to help individuals improve self-esteem, develop strategies to enhance decision-making, learn to respect differences within a group, and increase their agility and physical coordination. A journal is a requirement for this course.

Health & Fitness I & II (Elective)
Prerequisite: Physical Education 9 & 10
Credits: 0.5

This course will focus on students achieving and maintaining a level of physical fitness for health and performance while demonstrating knowledge of fitness concepts and strategies. In addition, students will learn, understand, and apply the healthy habits for lifelong wellbeing. Relatedly, students will establish personal fitness goals, using principles of aerobics, strength and core training. Students will regularly engage in vigorous activities and classroom lessons. This course will include both physical performance and written assignments.

MODERN WORLD LANGUAGES

Mandarin Level 1 (Elective)
Credit: 1.0
Prerequisite: None
Resources: *HSK 1 Textbook and Exercise Book*

In this introductory course, students learn how to read, write, and speak conversational Mandarin, as well as learning about Chinese culture. By the end of this course, students will be able to read and write Chinese characters, and speak about everyday topics such as time, family, work, weather, food, clothes, and transportation in Mandarin. This course will complete the HSK 1 level of learning.

Mandarin Level 2 (Elective)
Course Length: 1 year
Prerequisite: Mandarin 1 and Teacher assessment and placement
Resources: *HSK 2 Textbook and Exercise Book*

This standard course (HSK 2) represents a basic level of proficiency in Chinese. Students who aim to communicate effectively in Chinese speaking environments or engage in basic interactions with native speakers find HSK 2 is a starting point. In this course, students expand on their reading, writing, listening, speaking and grammar skills. By the end of course, students will be able to communicate orally and in writing about topics such as trip, direction, Chinese table manners, Chinese tea culture and the Chinese New Year Spring Festival.

Mandarin Level 3 (Elective)
Credit: 1 year
Prerequisite: HSK 2 proficiency and Teacher assessment and placement
Resources: *HSK 3 Textbook and Exercise Book*

In this course, students expand on their reading, writing, listening and speaking skills of conversational Mandarin, and continue their study of Chinese culture. By the end of the course, students will be able to communicate orally and in writing about topics such as friendship, spending habits, work ethics, feelings, and emotions.

Mandarin Level 4 (Elective)
Credit: 1.0
Prerequisite: HSK 3 proficiency and Teacher assessment and placement
Resources: *HSK 4+ Textbook and Exercise Book*

This course is aimed for the student who has a strong background in Mandarin language. Students in this course will already have strong conversational skills and be able to read and write intermediate level sentences. The method of instruction may vary depending on the proficiency of the student, but the student should be able to follow an HSK 4 level course.

COLLEGE COUNSELING

One and a half credits are required in Grades 11 and 12.

The College Counseling program includes a series of courses designed to prepare students for the rigors of high school and university study. Electives provide instruction in organizational skills, study strategies, and test preparation. Important components for both Grade 11 and Grade 12 students are the College Prep Advisory 11 and 12 courses. With our experienced College Counselor serving as a collaborative partner and facilitator, students are guided through the multi-faceted process of applying to college, university, and/or the next post-secondary school journey beyond Yangon Academy. By accessing the Maia Learning software technology program, and by holding frequent one-to-one counseling sessions, students are guided along the path of self-discovering their personal strengths, as well as the concrete planning steps needed to make their future educational and career aspirations a reality. All college preparatory courses require students to bring a laptop, charger, and personal listening device (headphones, earbuds, etc.) to every session.

College Prep - Advisory 11 (Required)
Credit: 0.5 (Pass/Fail)
Resources: MaiaLearning

In the second semester of the junior year, Grade 11 College Seminar focuses on identifying personal interests, understanding the college research process, exploring what type of university and what major would be the best fit, and preparing for different components of the application process including essay writing. Through this course, students will:

- Better understand themselves and their values
- Develop their own unique set of criteria that will help guide their decisions for future applications
- Be able to utilize narrative and academic writing skills to craft essays and personal statements for university
- Be able to effectively and efficiently research post-secondary options.

College Prep - Advisory 12 (Required)
Credit: 0.5 (Pass/Fail)
Resources: MaiaLearning

Grade 12 College Seminar will build and expand on the skills and knowledge from grade 11. Through this course, students will:

- Develop skills needed for a successful transition to life after Yangon Academy
- Better understand the admissions process and what goes into a successful college searching
- Determine a country and school to continue studying, a study program to fit their needs, and a potential career.
- Utilize effective problem-solving and critical-thinking skills to navigate the application process.
- Successfully apply to a university or plan for an alternative pathway

College Prep - Capstone 12 (Required)
Credit: 0.5 (Pass/Fail)
Resources: Resources vary based on individual goals and instructor preferences

During the second semester of the school year, each senior class member must take the Capstone seminar course. This student-centered, project-based course is designed to provide each student with a culminating learning experience which fully and explicitly integrates Yangon Academy's six Schoolwide Learning Outcomes. Students will be assessed and graded frequently throughout the semester in a variety of modes that directly correspond with the school's six SLOs: Effective Communicators; Collaborative Team Players; Critical and Creative Thinkers; Global Citizens; Life-Long Learners; and Healthy Individuals. By reflecting on their own impending individual journeys beyond Yangon Academy, including the many global challenges and opportunities, members of the senior class create, and present projects based on real-world issues that will most certainly impact each student in the years ahead.

College Prep - SAT (Elective)
Credit: 0.5 (Pass/Fail)
Prerequisite: Enrollment in Grade 11
Resources: *The Princeton SAT Review*, SAT past papers

Offered during the first semester of eleventh grade, this course helps students prepare for the Scholastic Aptitude Test (SAT), a standardized test used for admissions and placement in many colleges and universities in the United States. Using materials from the College Board and other academic resources, students learn various test-taking strategies, expand their reading and writing fluency, and hone their mathematical skills in preparation for the verbal and mathematical components of the SAT.

This SAT Math unit is to familiarize students with mathematical concepts as tested on the math section of the SAT. Each week will focus on a specific topic. The student will look at many of the multiple-choice questions on each topic and discuss many exam strategies. The SAT Prep course concentrates on SAT math vocabulary and MCQ math practice. The course includes practice in taking the SAT test, as well as strategies for the question types. In the course we will focus on the new SAT test, using online SAT test modules, Princeton textbooks, Khan Academy online, classroom discussion, and practice tests.

The goal for reading in this class is to read college-level material closely and critically to answer difficult questions about the text. The Reading Section for the SAT requires students to answer evidence-based questions about a challenging reading selection in a timed setting. The class will prepare and practice for these reading passages and questions.

The goal for writing in this class is to prepare for the optional essay section on the new SAT which will be required by some colleges. Learning to plan and respond in writing quickly will help students on the SAT Writing test as well as other exams with writing including AP exams, college exams, SAT subject tests, etc. The new essay is an analysis essay based on a piece of text, so we will discuss and practice writing literary and rhetorical analysis.

Study Seminar (Semester or Year-long Elective)
Credit: None
Prerequisites: Enrollment in grades 9-12 and taking fewer than 10 credits

Any high school student who chooses to take fewer than 10 courses per semester will be enrolled in a Study Seminar. This seminar can be taken for one or two semesters and provides the student with the opportunity to build on the foundational academic skills and study habits needed to succeed in high school and at university, as well as additional time to dedicate to the challenges of AP courses. Students use the Study Seminar to work on assignments for other classes, make up or retake assessments, prepare for standardized tests, and consult with guidance counselors, teachers, or administrators when needed. A teacher supervisor assists students in learning more about the study skills, time management, metacognition strategies, research, and presentation skills that will support their success across the curriculum.

Yangon Academy International School

School Address: 35-B, University Avenue Housing, New University Avenue Road,

Bahan Township, Yangon, Myanmar.

Tel: (951) 549 451, 540730, 557 219

School Email: info@yangonacademy.com, admissions@yangonacademy.com

School Website: www.yangonacademy.com