International School of Panama

HIGH SCHOOL COURSE CATALOG AND PLANNING GUIDE

2025-2026 SCHOOL YEAR

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ISP MISSION:

To inspire and challenge every learner to reach their full potential and become curious, independent, and compassionate citizens of the world.

INTRODUCTION:

This High School Course Catalog and Planning Guide is designed to assist our students and parents in choosing the high school program and courses that match the student's interests, abilities, needs, and educational goals. Full course descriptions are provided for all courses to be offered in the 2024 – 2025 school year. Students should consider a variety of factors in choosing a program and courses.

These include:

1. **In addition to the ISP and MEDUCA diplomas, will they pursue the International Baccalaureate (IB) Diploma or Innovation and Entrepreneurship (iED) Diploma in Grade 11&12?**
2. **What will they study at university?**
3. **In what country are they likely to attend university?**

Because of the complexities of these decisions, students and parents are encouraged to consult with key faculty, including counselors, the IB Coordinator, and staff overseeing the MEDUCA program.

ISP High School Graduation Requirements

ISP Graduation Requirements for the Class of 2026

	Grade 9	Grade 10	Grade 11	Grade 12
English (HS req: 4.0)	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester
Spanish (HS req: 4.0)	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester
Social Studies (HS req: 3.5)	1.0 credits .5 Human History .5 Panamanian Studies (History, Civics & Geography)	1.0 credit .5 semester .5 semester	1.5 credit OPTION 1 1.0 Social Studies .5 TOK	.5 credit* OPTION 1 .5 TOK
			1.0 credit OPTION 2 1.0 Social Studies .5 Philosophy	
Science (HS req: 3.0)	1.0 credit 1.0 Biology	2.0 credits 1.0 Physics 1.0 Chemistry	1.0 credit .5 semester .5 semester	1.0 credit* .5 semester .5 semester
Math (HS req: 4.0)	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester
PE & Health (HS req: 1.5)	1.0 credit .5 Fitness & Health .5 Fitness & Health	.5 credit .5 Fitness & Health		
VAPA (HS req: 1.0)	1.0 credit .5 semester .5 semester			
STEM				
Additional credits (HS req: 4.0)		**3.0 credits**	**1.0 credit** * may include Social Studies, Science, VAPA, STEM, or elective	
CREDITS per grade level	**8 credits**	**8 credits**	**6-8 credits**	**6-8 credits**

25 credits to graduate, including all required courses. A full course load is required all four years.

ISP Graduation Requirements for the Class of 2027

	Grade 9	Grade 10	Grade 11	Grade 12
English (HS req: 4.0)	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester
Spanish (HS req: 4.0)	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester
Social Studies & Panamanian Studies (HS req: 3.5)	1.0 credit .5 G9 Human History .5 Panamanian Studies (History, Civics & Geography)	1.0 credit .5 semester .5 semester G10 Integrated Social Studies	1.5 credit OPTION 1 1.0 Social Studies .5 TOK	.5 credit* OPTION 1 .5 TOK
			1.5 credit OPTION 2 1.0 Social Studies .5 Philosophy	
Science (HS req: 3.0)	1.0 credit 1.0 Biology	1.0 credit .5 Physics .5 Chemistry	1.0 credit .5 semester .5 semester	1.0 credit* .5 semester .5 semester
Math (HS req: 4.0)	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester
PE & Health (HS req: 1.0)	1.0 credit .5 Fitness & Health .5 Fitness & Health			
VAPA (HS req: 1.0)	1.0 credit .5 semester .5 semester			
STEM				
Addt'l credits (HS req: 4.0)		3.0 credits	1.0 credit* * may include Science, Social Studies, VAPA, STEM, or elective	
CREDITS per grade level	**8 credits**	**8 credits**	**6-8 credits**	**6-8 credits**

24.5 credits to graduate, including all required courses. A full course load is required all four years.

ISP Graduation Requirements for the Class of 2028

	Grade 9	Grade 10	Grade 11	Grade 12
English (HS req: 4.0)	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester
Spanish (HS req: 4.0)	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester
Social Studies & Panamanian Studies (HS req: 3.5)	1.0 credit .5 G9 Integrated Social Studies .5 Panamanian Studies (History, Civics & Geography)	1.0 credit .5 semester .5 semester	1.0 credit OPTION 1 .25 History of Panama .25 Panama & US Relations .5 TOK	.5 credit OPTION 1 .5 TOK
			1.0 credit OPTION 2 .25 History of Panama .25 Panama & US Relations .5 Philosophy	
Science (HS req: 3.0)	1.0 credit .5 Biology .5 Earth Science	1.0 credit .5 Physics .5 Chemistry	1.0 credit .5 semester .5 semester	1.0 credit* .5 semester .5 semester
Math (HS req: 4.0)	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester	1.0 credit .5 semester .5 semester
PE & Health (HS req: 1.0)	1.0 credit .5 Fitness & Health .5 Fitness & Health			
VAPA (HS req: 1.0)	1.0 credit .5 semester .5 semester			
STEM (HS req: 1.0)	1.0 credit .5 semester .5 semester			
Addt'l credits (HS req: 4.0)		3.0 credits	1.0 credit * may include Science, Social Studies, VAPA, STEM, or elective	
CREDITS per grade level	**8 credits**	**8 credits**	**6-8 credits**	**6-8 credits**

25.5 credits to graduate, including all required courses. A full course load is required all four years.

Panamanian Studies Graduation Requirements
(Spanning Middle School & High School)

Grade 7	Grade 8	Grade 9	Grade 11
1.5 credits 1.0 MS World History .5 Panamanian History, Civics & Geography	1.5 credits 1.0 MS World History .5 Panamanian History, Civics & Geography	1.0 credit .5 G9 History .5 Panamanian History, Civics & Geography	OPTION 1 1.0 credit .25 History of Panama .25 Panama & US Relations .5 TOK OPTION 2 1.0 credit .25 History of Panama .25 Panama & US Relations .5 Philosophy

ISP & MEDUCA Requirements
ISP Graduation Requirements will be fully aligned with MEDUCA requirements for the Class of 2027 and beyond.

On top of the academic requirements, students must fulfill and present the following in order to receive the ISP and MEDUCA diploma at graduation. Students will not be awarded an ISP diploma if they do not meet these requirements.

1. Documentation Requirements:
- Health Certificate by a local doctor
- Valid Birth Certificate or ID
- MEDUCA Validation, if applicable
- Grade 9 certificate, if applicable

2. Social Requirements:
- Completion of 80 hours of community service, certified by the school and separate from IB Diploma's CAS Program.
- Participation in the November 3rd "Mes de la Patria" parade, if enrolled at ISP in the first semester of 9th grade
- Participating in the Tree Planting Ceremony that takes place during school hours

Why does ISP include MEDUCA requirements in the ISP Graduation Requirements?

- It is essential for students to ensure they have access to universities worldwide. More and more universities are requiring an official diploma from the student's home country, making it critical to have this credential to avoid limitations in higher education opportunities.

- It is our legal responsibility to adhere to Panamanian local and national standards (MEDUCA).

“Best Fit” Philosophy Statement

At the International School of Panama we counsel and strongly encourage families to select an academic program that is guided by the “Best Fit” philosophy. It is not expected, nor recommended, that all 11th and 12th grade students pursue the IB Diploma. Teachers will make recommendations for appropriate courses and levels based on past performance. Student should choose the program of study that emphasizes the following:

- Develops the student’s strengths, interests, and passions
- Matches the student's learning style
- Challenges the student to grow and develop into a vibrant member of our learning community
- Prepares the student to pursue their preferred course of study in the country of their choosing
- Is at the right level

Learning what you like and what you’re good at will better prepare you for college than agonizing over what will “look good” to admission officers.

— Cornell University

We expect that you have taken a rigorous curriculum and chosen from among the most demanding courses available to you. It isn’t necessary to have loaded your schedule with every advanced course offered at your school. But if such courses are available to you, we expect that you have taken advantage of many of them.

— Stanford University

International Baccalaureate (IB) Diploma Programme

Beginning in grade 11, students have the option of pursuing the International Baccalaureate (IB) Diploma.

Designed as a comprehensive two-year curriculum that allows its graduates to fulfill requirements of various national education systems, the diploma model is not based on the curriculum of any individual country but incorporates the best elements of many. Students may register for individual IB courses or for the full IB Diploma.

Any questions regarding the IB Programme should be addressed to the IB Coordinator: Kristen Feren kferen@isp.edu.pa

IB Diploma candidates are generally required to select one subject from each of the six subject groups.

Three subjects are taken at Higher Level (HL) and three at Standard Level (SL) over a two-year period.

The six groups are listed below:

- **Group 1 - Studies in Language and Literature**
- **Group 2 - Language Acquisition**
- **Group 3 - Individuals and Societies**
- **Group 4 - Sciences**
- **Group 5 - Mathematics**
- **Group 6 - The Arts and electives**

Options:

Students can take one additional Group 3 or 4 subject instead of a Group 6

Students can take two Group 1 subjects instead of one Group 1 and one Group 2

Students can take the interdisciplinary course ESS, which counts as both Group 3 and Group 4, which means they can take another additional subject instead of their Group 3 or Group 4 requirements.

If students take Spanish A, they will be eligible for a Bilingual IB Diploma, as long they score a 3 or higher in Spanish A and a 3 or higher in at least one of their Group 3 or Group 4 subjects. A Bilingual IB Diploma demonstrates competency in at least 2 languages.

IB Core Requirements for IB Diploma Students

Theory of Knowledge (ToK)

Students must complete an interdisciplinary course called Theory of Knowledge (ToK). This course is designed to stimulate critical reflection upon the knowledge and experience gained inside and outside the classroom. The key element in the IBO's educational philosophy, TOK seeks to develop a coherent approach to learning, which transcends and unifies the academic areas and encourages appreciation of other cultural perspectives while keeping the individual learner at its center.

Extended Essay (EE)

Students must undertake original research and write an extended essay of no more than 4,000 words. This offers the opportunity to investigate a topic of special interest from within one of the student's six examination subjects. It also acquaints students with the kind of independent research and writing skills expected at university.

Creativity, Activity, and Service (CAS)

Participation in the Creativity, Activity, and Service (CAS) is intended to develop a student's creative, artistic and physical well-being. Through participation in CAS activities, students are encouraged to develop, explore, and share their energies and special talents while developing awareness, concern and the ability to work cooperatively with others. Involvement in CAS must span a minimum of 18 months of the IB Diploma Programme. Any questions regarding CAS should be addressed to the IB Coordinator

Innovation and Entrepreneurship Diploma (IE Diploma)

Beginning in grade 11, students have the option of pursuing the Innovation and Entrepreneurship Diploma, a two-year project based learning curriculum designed and developed in partnership with Tier-1 US research universities including the University of Delaware and Syracuse University. The purpose of the Innovation and Entrepreneurship Diploma is to equip students with the essential skills and knowledge needed to thrive in an ever-evolving world. The Innovation and Entrepreneurship Diploma strives to cultivate innovative, ethical, and entrepreneurial thinkers who are prepared to excel in the dynamic landscape of the 21st century.

Dual Enrollment: Many of the Innovation and Entrepreneurship Diploma courses are designed and endorsed by leading American universities. These dual enrollment courses will award eligible students college credits that can be transferred to most universities.

Courses:

Year 11	Year 12
Innovation Lab (Science) From Ideas to Action (Social Studies) Persuasive Communication (English) Expertise Elective	Leadership and Innovation Capstone Entrepreneurship Essentials Professional Writing Expertise Elective

*In addition to these required IEdiploma courses students will continue to take ISP and/or IB courses as needed for graduation.

Available Pathways

All students graduate with the ISP and MEDUCA Diplomas can chose to pursue additional diplomas or certificates as follows:

ISP Diploma + **MEDUCA Diploma**

ISP Diploma + **MEDUCA Diploma** + **IB Diploma**

ISP Diploma + **MEDUCA Diploma** + **IB Certificate(s)**

ISP Diploma + **MEDUCA Diploma** + **IE Diploma**

ISP Diploma + **MEDUCA Diploma** + **IE Diploma** + **IB Certificate(s)**

High School Social/Emotional & College Counseling

The high school counseling department serves all students in a comprehensive program that addresses social-emotional, academic, and career/college planning within a global perspective.

Counselors are available to students, families and staff as a resource. Information is also shared through the Advisory Program, Parent Coffee meetings, formal presentations, and the Dolphin Dispatch. Four counselors serve all students, staff and families, however students are assigned to a specific counselor for individualized attention. We have two social emotional/academic counselors and they are split by grade levels.

Ana Gabriela Ng
ang@isp.edu.pa
(Grades 8-9)

Eleonora Raviglione
eraviglione@isp.edu.pa
(Grades 10-12)

We also have two College and Career Counselors which are split according by grade level and first initial of the student's last name.

Jennifer Tassell
jtassell@isp.edu.pa
(Grades 11-12 last names A-K)

Dave Lalonde
dlalonde@isp.edu.pa
(Grades 11-12 last names L-Z)

High School Advisory Program

All students and teachers participate in Advisory.

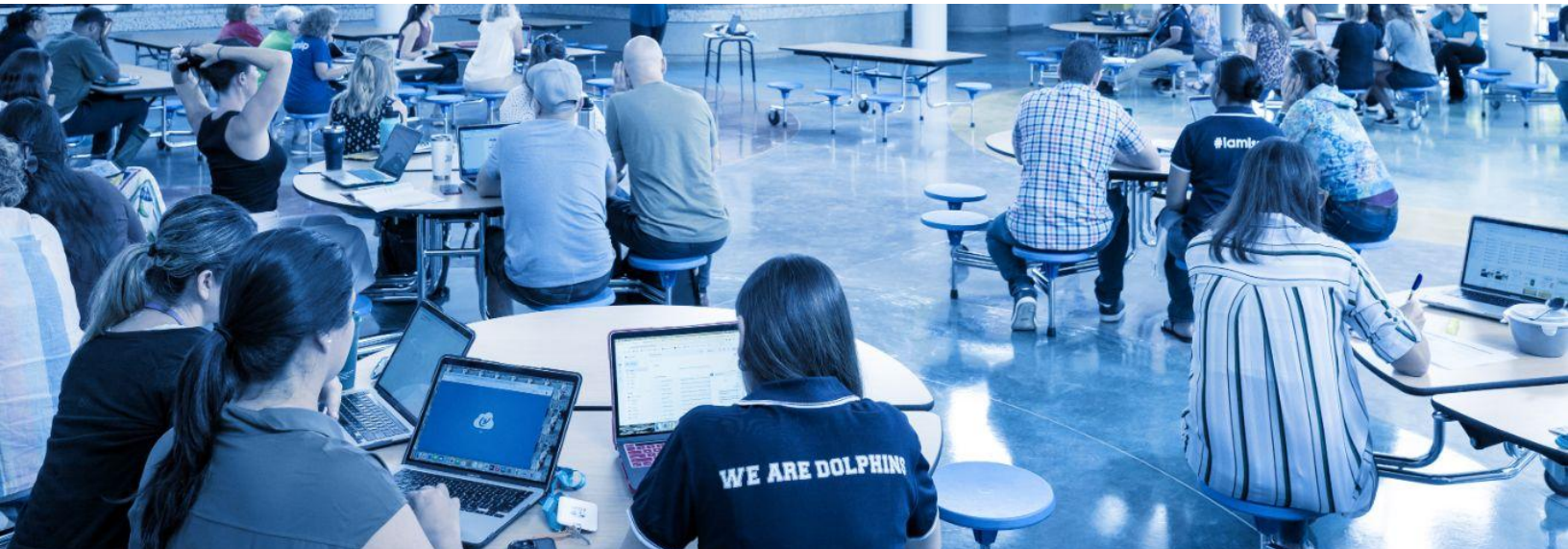
These small groups are grade-level specific and meet three out of every 8 school days. The purpose of Advisory is to ensure all students have an adult advocate that knows them well. Advisors provide support to all students through their high school journey at ISP. In addition to building a strong student-advisor relationship, programming in Advisory will address the developmental needs of students, including social emotional learning and preparation for the students' post-secondary plans.

Course Selections

All students must take a full load of classes each semester including one or more classes in each of the core academic areas:

English, Spanish, Mathematics, Science, and Individuals and Societies -- plus other required or elective courses.

Students should consult with their counselor, teachers, parents, and the IB coordinator in order to choose the most appropriate courses.



International Baccalaureate "Core" Courses

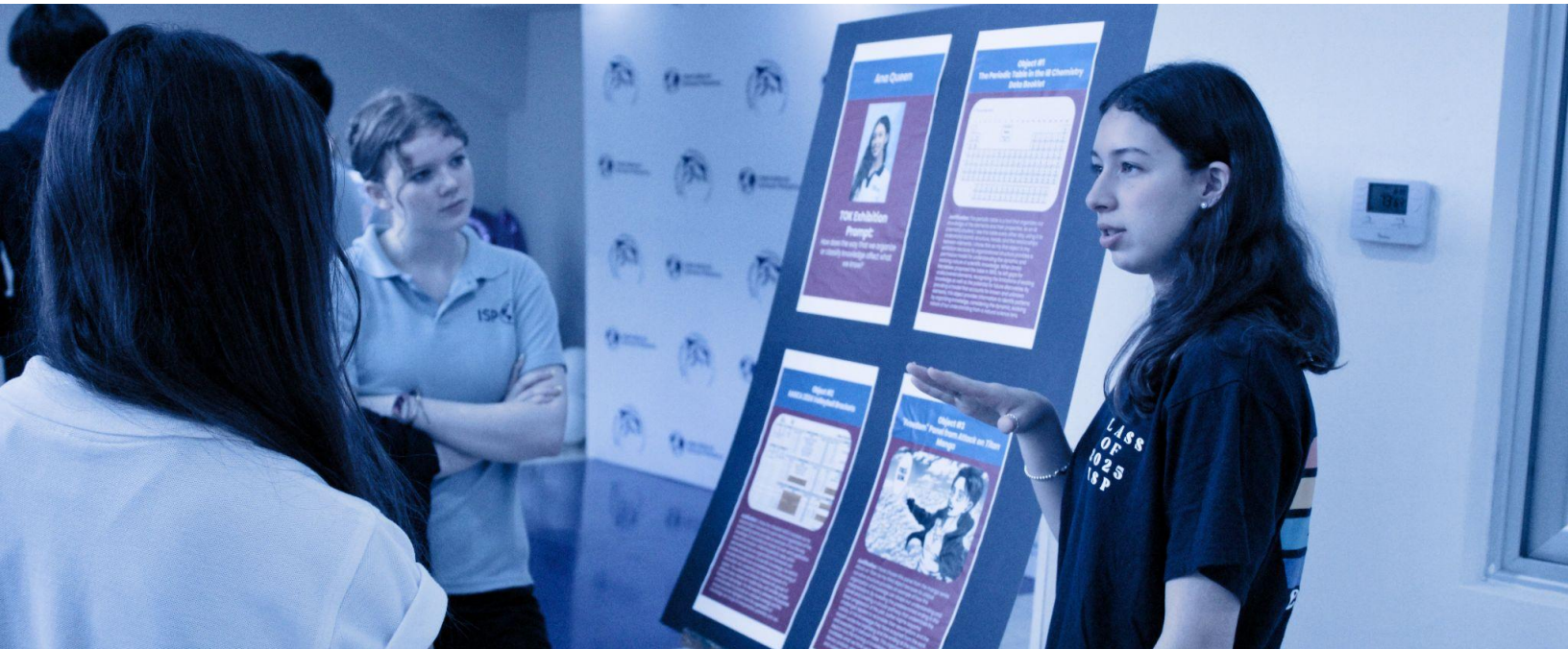
Theory of Knowledge (ToK) – 2250 (Y1), 2251 (Y2)
Grade Level: 11 and 12
Prerequisite: None
Two semester course, 1.0 credits

Required for all IB Diploma candidates and recommended for all ISP high school students. Theory of Knowledge (TOK) is taken for two semesters, in the second semester of Grade 11 and in the first semester of Grade 12. The TOK course aims to develop students' critical thinking abilities. The course asks students to examine the nature of knowledge itself, including how it is constructed, shared and evaluated through the framework of: scope, perspective, methods and tools, and ethics.

Students are encouraged to critically evaluate themselves as knowers.

TOK explores the areas of knowledge of: mathematics, the natural and human sciences, the arts and history.

All students are required to write a formal TOK essay and complete an internally assessed exhibition. For IB Diploma and Certificate candidates, the essay (maximum 1600 words) will be externally assessed. There is no IB examination for TOK.



Year 1 Courses

Innovation and Entrepreneurship Diploma Courses

Innovation Lab-2245 / Grade: 11
Prerequisites: None / Year-long course, 1 credit (Science)
Innovation Diploma Course

The Innovation Lab is designed and developed in collaboration with the University of Delaware and provides students the opportunity to experience the many facets of engineering and sustainability by working on a series of hands-on design challenges. These challenges are inspired by real-world problems and will allow students to explore how engineering and sustainability can be used to improve people's lives and make a positive impact on the world. Eligible students will have the opportunity to earn 3 college credits from the University of Delaware.

Entrepreneurship: From Ideas to Action- 2275 / Grade: 11
Prerequisites: None Year-long course, 1 credit (Social Science)
Innovation Diploma Course

Designed in partnership with the University of Delaware this course is a transformative initiative designed to ignite the entrepreneurial spirit within aspiring innovators and changemakers. Through a comprehensive curriculum and hands-on experiences, From Ideas to Action empowers students to have a growth mindset, learn from setbacks, and persevere as they develop essential entrepreneurial skills like problem-solving, creativity, teamwork, and effective communication. Students will culminate their entrepreneurial journey by showcasing their ventures and securing funding through pitch competitions and opportunities.

Persuasive Communication-2010 / Grade: 11
Prerequisites: None Year-long course, 1 credit (English)
Innovation Diploma Course

This Syracuse dual enrollment course is designed to empower participants with the essential communication skills required for persuasive and ethical interactions in diverse contexts. Students will learn the art of crafting well-structured arguments, conducting audience analysis, leveraging storytelling, and applying advanced persuasive techniques. This course will prepare them to excel in public speaking, pitching, negotiation, and various other forms of communication, with an emphasis on ethical communication practices.

Year 2 Courses

Leadership and Innovation Capstone- 2687
Grade Level: 12
Prerequisite: Innovation Lab Year-long course, 1 credit

In this course, students use the skills that they previously acquired from the Innovation and Entrepreneurship Diploma courses to make Panama and the world a better place. The end of their two-year pathway culminates with a presentation to the faculty and broader community that describes why their idea is an opportunity, how it will be launched, how the venture will be financially viable, what their organization design is, and how the venture will create social and economic value. Emphasis is placed on authentic experiences including internships, service learning, social entrepreneurship and community engagement. Eligible Leadership and Innovation Capstone students can earn one college level credit from the University of Delaware, a Tier 1 research institution, which demonstrates the student's ability to succeed at college-level work while still in high school.

Professional Writing (Innovation and Entrepreneurship Diploma) - 2011 (Gr12), first offered 25-26
Grade Level: 12
Prerequisite: None Year-long course, 1 credit

This is the follow up course to Persuasive Communication This course builds on the skills developed in Persuasive Communication to equip students with the tools to write effectively in professional contexts. Through a range of project-based assignments focused on marketing, communications, and college essays, students will learn to adapt their writing style for diverse audiences and purposes.

Entrepreneurship Essentials-2276 (Humanities - Business)
Grade Level: 12
Prerequisite: None Year-long course, 1 credit

This Syracuse dual enrollment course is designed to empower participants with the essential communication skills required for persuasive and ethical interactions in diverse contexts. Students will learn the art of crafting well-structured arguments, conducting audience analysis, leveraging storytelling, and applying advanced persuasive techniques. This course will prepare them to excel in public speaking, pitching, negotiation, and various other forms of communication, with an emphasis on ethical communication practices.

Technology Electives

Impact - 2687
Grade Level: 9 - 10
Prerequisite: None
Year-long course, 1 credit

The IMPACT course is designed to help students to discover their creative confidence, their personal interests, their passion for learning, and their ability to impact Panama and the world. Using the UN Sustainable Development Goals framework, students will use design thinking strategies to tackle some of the biggest global issues of our time, from climate change to hunger, poverty, inequality, and injustice. In this course, students will learn how to identify their target audience, define the problem they want to solve, ideate and prototype a solution for the problem and establish a business model for the solution.

Skills like critical thinking, collaboration, communication, and creativity that the students will acquire from this course will not only help them to prepare for personal projects encountered in more advanced courses like the Innovation and Entrepreneurship Diploma (IEdiploma) and IBDP's internal assessments, CAS and extended essays but also for the future. This course serves as the first step to innovation, entrepreneurship, and developing solutions for social change.

Introduction to Design (Note: this course can count as a VAPA credit or a STEM credit)-2542 (VAPA), 2685 (STEM)
Grade Level: 9
Prerequisite: None
Year-long course, 1 credit

Embark on an exciting creative adventure with our Introduction to Design course, specially crafted for 9th-grade students who are new to the world of design. Discover the power of design thinking as you explore the fundamentals of creativity and innovation. This introductory program blends easy-to-understand theory with hands-on experiences, making design concepts accessible and engaging. Whether you're taking your first steps into design or looking to build on your existing skills, this course provides a fun and comprehensive introduction, helping you transform your imaginative ideas into tangible creations. Join us on this journey and unlock the door to turning your creative visions into reality!

Introduction to Computer Science- 2601
Grade Level: 9
Prerequisite: None
Year-long course, 1 credit

A year-long course for 9th-grade students. No prior experience needed – we're starting from the basics. Get ready to explore the world of tech as we delve into creating gadgets using Arduino and microcontrollers. We'll also venture into designing robots and tackle group projects and challenges together. The curriculum is from Carnegie Mellon Robotics Academy and the Arduino foundation, ensuring a solid foundation. Plus, there's an opportunity to earn micro-credentials, showcasing your skills. If you're interested in tech and want to kickstart your journey, this course is for you.

Product Design - 2585
Grade Level: 10-12
Prerequisite: None
Year-long course, 1 credit

In the Product Design course, design thinking will play an instrumental role, serving as the backbone of innovation and creativity. Students will delve into both the theoretical and practical aspects of product design. Through the lens of design thinking, they'll learn how to empathize with users, define problems, ideate solutions, create prototypes, and test their designs. Students will get a chance to engage in a deep dive into product design, cultivating skills that not only resonate in the classroom but potentially produce products that have a lasting impact in the real world.

In this course, students will:

- Engage with real clients, gathering insights through interviews to ensure their designs are both functional and aesthetically pleasing.
- Transition from ideation to sketches and, finally, to tangible prototypes using essential tools, incorporating feedback at every stage.
- Gain hands-on experience with leading digital design platforms, like Fusion 360.
- Utilize modern manufacturing technologies such as 3D printers and laser cutters bring their visions to life.
- Harness the power of design thinking to transform visionary concepts into real-world, market-ready products.

Physical Computing - 2607
Grade Level: 10-12
Prerequisite: None
Year-long course, 1 credit

Physical computing is defined as "building interactive physical systems by the use of software and hardware that can sense and respond to the analog world." Students will learn the basics of physical computing using Arduino and C++ programming. This course utilizes curriculum from the Carnegie Mellon Robotics Academy. Students are eligible to earn micro-credentials from Carnegie Mellon.

Robotics - 2615
Grade Level: 10-12
Prerequisite: None
Year-long course, 1 credit

This course provides an overview of robot mechanisms, dynamics, and intelligent controls. Students will design and fabricate working robotic systems in group-based projects. Vex or other robotic system challenges will be explored. This course utilizes curriculum from the Carnegie Mellon Robotics Academy. Students are eligible to earn micro-credentials from Carnegie Mellon.

English Courses

English 9 - 2000
Grade Level: 9
Prerequisite: None
Year-long course, 1 credit

The English 9 course builds the foundations of reading, writing, speaking, and listening skills that support students' transition into the rigors of High School. This course exposes students to a variety of text types and genres that will enrich their understanding and appreciation of literary features and how they are used to construct meaning. While developing knowledge and understanding to interpret works studied, students will engage in enriching discussions surrounding language and literature that will foster critical thinking and active listening skills.

The different units of study include identifying stylistic features of short stories, conducting research and evaluating the reliability and credibility of sources, and exploring the elements of fiction and drama through reading for meaning, and may include literature circles and Socratic seminars. By the end of the course, students will be able to produce insightful work, both written and oral, that is organized and structured effectively to communicate clear arguments with supporting evidence.

English 10 - 2001
Grade Level: 10
Prerequisite: None
Year-long course, 1 credit

English 10 builds on concepts in the English 9 course with a specific focus on preparing students for selecting appropriate courses in Grades 11 and 12. Students will encounter, engage with, and deeply analyze a variety of literary and non-literary texts, many of which already fall at the IB-caliber level. Throughout the duration of the course, students will have the opportunity to both understand and practice aspects of the three IB assessment types (Guided Literary Analysis, Compare/Contrast Essay, Individual Oral) which are the same for both IB courses (Literature; Language and Literature).

Student work is assessed according to the same four criteria used in the IB classes. Within the course, students will complete large pieces of organized, criteria-based analytical and research writing, several prepared and impromptu verbal analyses, and several creative, project-based tasks. By the end of the course, students will be able to identify the "best-fit" for their pathway in 11th and 12th grade English.

Persuasive Communication (Innovation and Entrepreneurship Diploma)- 2010
Grade Level: 11
Prerequisite: None
Year-long course, 1 credit

This Syracuse dual enrollment course is designed to empower participants with the essential communication skills required for persuasive and ethical interactions in diverse contexts. Students will learn the art of crafting well-structured arguments, conducting audience analysis, leveraging storytelling, and applying advanced persuasive techniques. This course will prepare them to excel in public speaking, pitching, negotiation, and various other forms of communication, with an emphasis on ethical communication practices.

Professional Writing (Innovation and Entrepreneurship Diploma) - 2011 (Gr12), first offered 25-26
Grade Level: 12
Prerequisite: None
Year-long course, 1 credit

This is the follow up course to Persuasive Communication This course builds on the skills developed in Persuasive Communication to equip students with the tools to write effectively in professional contexts. Through a range of project-based assignments focused on marketing, communications, and college essays, students will learn to adapt their writing style for diverse audiences and purposes.

English 11 & English 12 - 2006 (Gr11), 2007 (Gr12)
Grade Level: 11 and 12
Prerequisite: None
Two-year course, 2 credits

English 11 and 12 is a non-IB course that has been devised to challenge students of English on a variety of levels. The two-year course includes meaningful reading, writing, listening, and speaking experiences with the goal of preparing students for success in their post-secondary lives. To these ends, there is a great emphasis on writing at every level, including creative writing, response writing, analytical writing, and professional writing. Spoken communication skills are strengthened through discussions, presentations and practice interviews. Students will consider how culture and context shape communication through studying a variety of texts. As language skills develop cumulatively, similar core standards are stressed each year, the object being to enhance sophistication so that the graduating student can achieve mastery.

IB English A: Literature Standard Level- 2030 (Y1), 2032 (Y2)
IB English A: Literature Higher Level - 2031 (Y1), 2033 (Y2)
Grade Level: 11 and 12
Prerequisite: Recommendation from English 10 teacher is suggested
Two-year course, 2 credits

The IB Diploma Program Language A (English): Literature course develops understanding of the techniques involved in literary criticism and promotes the ability to form independent literary judgments. The course is organized around three interwoven aspects: Reader, Writer & Text, Time & Space, and Intertextuality. In "Reader, Writer, & Text," the formal analysis of texts is combined with a study of the way literary conventions shape the reader's response to the text. In "Time & Space," students completing this course will have a thorough knowledge of a range of literary genres – including poetry, novel, creative nonfiction, short story and drama – and an understanding of their historical and cultural backgrounds.

The course addresses intertextuality as students compare and contrast various features of the texts with each other in relationship to global issues. By the end of the course, they will have developed skills of analysis and the ability to support an argument in clearly expressed writing and in oral commentary. Students will also have developed a reflective learning portfolio that supports their reflective process throughout the course. This course will enable them to succeed in a wide range of university courses, particularly in courses requiring close textual analysis such as law, philosophy, language, and liberal arts.

IB English A: Language and Literature Standard Level- 2020 (Y1), 2022 (Y2)
IB English A: Language and Literature Higher Level - 2021 (Y1), 2023 (Y2)
Grade Level: 11 and 12
Prerequisite: Recommendation from English 10 teacher is suggested
Two-year course, 2 credits

Language and Literature seeks to expose students to a wide variety of literary and non-literary texts, which span a variety of genres, times, places, and cultures. Literary study can include prose fiction (novel and short story), prose non-fiction (memoir), poetry, and drama. Non-literary texts studied can include films, advertisements, infographics, political cartoons, and many more. The course is organized around three interwoven aspects: Reader, Writer & Text, Time & Space, and Intertextuality. In "Reader, Writer, & Text," the formal analysis of texts is combined with a study of the ways conventions shape a reader's response to a text.

In "Time & Space," students consider the historical and cultural contexts of texts and how the meaning of texts can change depending on when and where it is read. The course addresses intertextuality as students compare and contrast various features within and between texts, especially in relation to global issues. By the end of the course, students will have developed skills of analysis and the ability to support an argument in clearly expressed writing and in oral commentary. Students will also have developed a learning portfolio that supports their reflective process throughout the course. This course will enable them to succeed in a wide range of university courses.

Modern Language Courses

Spanish 9 – 2110
Grade Level: 9
Prerequisite: Language skills necessary for oral expression, reading, writing, and reading comprehension.
Year-long course, 1 credit

Spanish 9 is a theoretical and practical Language & Literature course. It involves instruction of Spanish language covering the areas of oral expression and communication, reading comprehension, language structure, writing and literature in order to achieve the correct and effective use of Spanish language in contexts of everyday use. Ninth-grade Regular Spanish class develops through individual and group workshops, discussion in class, reading circles for literary analysis and comments, group dynamics, presentations, investigations, drama, literary texts creations, projects and other activities.

Spanish 10 – 2111
Grade Level: 10
Prerequisite: Successful completion of Spanish 9 or equivalent Year-long course, 1 credit

Spanish 10 is a Language & Literature course that aims to develop students' communication skills (listening, speaking and writing, etc.), knowledge and use of the Spanish language in its grammatical and communication aspects, and focused in the interest of literature, from a cultural perspective, through historical and practical components, with emphasis on literary analysis, as required for IB courses.

Advanced Themes in Spanish Acquisition 1 - 2112
Grade level: 9-10
Prerequisite: SAL C, three years of formal Spanish exposure, or recommendation from teacher
1-year long course, 1 credit

This language acquisition course is designed for all students who have reached a high intermediate Spanish level. At this level students understand the main ideas of a standard conversation, understand texts and descriptions related to everyday life, can link simple sentences and give reasons and explanations, can participate spontaneously in a conversation that deals with everyday topics, and can write simple and well-linked texts and write personal letters describing experiences. Students in advance theme 1 are candidates to be enrolled in IB Language B as juniors. The main focus of Advanced Themes is improving linguistic competence through diverse contexts. Students in Advanced Themes 1 and 2 may be taught together or separately, depending on enrollment.

Advanced Themes in Spanish Acquisition 2 - 2113
Grade level: 9-10
Prerequisite: Advanced themes 1, four years of formal Spanish exposure, or recommendation from teacher
1-year long course, 1 credit

This language acquisition course is designed for all students who have reached a high proficiency Spanish level. At this level, students understands extensive reading and conversation and most movies and TV news, can read articles, reports, and also understands contemporary literary prose, can interact fluently and spontaneously and take an active part in discussions, and can write clear and detailed texts, essays or reports transmitting information or giving reasons for or against. Students in Advance Theme 2 are candidates to be enrolled in IB Language B as juniors. The focus of Advanced Themes is improving linguistic competence through diverse contexts. Students in Advanced Themes 1 and 2 may be taught together or separately, depending on enrollment.

Spanish SAL A - 2105
Grade level: 9-10
Prerequisite: None
1-year long course, 1 credit

This language acquisition course is designed to provide students with the necessary skills to communicate successfully in an environment where the language studied is spoken. SAL A course develops students' linguistic abilities through the development of receptive, productive, and interactive skills by providing them opportunities to respond and interact appropriately in a defined range of everyday situations. Language SAL A is a Spanish language acquisition course for students with no prior experience of the target language, or for those students with very limited knowledge of the language. SAL A and IB Spanish ab Initio Year 1 are equivalent to one another; because of this, students in these groups may be taught together or separately, depending on enrollment.

Spanish SAL B - 2106
Grade level: 9-10
Prerequisite: SAL A or 1 - year novice level Spanish skills
1-year long course, 1 credit

This language acquisition course is designed to provide students with the necessary skills to communicate successfully in an environment where the language studied is spoken. SAL B course develops students' linguistic abilities through the development of receptive, productive, and interactive skills by providing them opportunities to respond and interact appropriately in a defined range of everyday situations. Language SAL B is a Spanish language acquisition course for students with some prior experience and knowledge or for those students with at least 1 year of formal exposure to the target language. SAL B and IB Spanish ab Initio Year 2 are equivalent to one another; because of this, students in these groups may be taught together or separately, depending on enrollment.

Spanish SAL C - 2107
Grade level: 9-10
Prerequisite: SAL B or two years of formal Spanish exposure
1-year long course, 1 credit

This language acquisition course is designed for students who have completed SAL B or who have approximately two years of Spanish experience reaching a low intermediate level. At this level, students understand phrases, most common vocabulary on topics of personal interest, can understand the main idea of short messages and announcements, can read very short and simple texts, and can write notes, messages, and personal letters.

IB Spanish A: Language and Literature Standard Level – 2140 (Y1), 2142 (Y2)
IB Spanish A: Language and Literature Higher Level – 2141 (Y1), 2143 (Y2)
Grade Level: 11 and 12
Prerequisite: None
Two-year course, 2 credits

This Language & Literature course introduces the critical study and interpretation of written and spoken texts from a wide range of literary and non literary genres. The formal analysis of texts is supplemented by awareness that meaning is not fixed but can change in respect to contexts of production and consumption. The course is organized into four parts, each focused on the study of either literary or non-literary texts. Together, the four parts of the course allow the student to explore the Spanish language through its cultural development and use, its media forms and functions, and its literature. Students develop skills of literary and textual analysis, and also the ability to present their ideas effectively. A key aim is the development of critical literacy. Please note that extra Instructional Time (EIT) is required for HL students.

IB Spanish Ab Initio Standard Level - 2120 (Y1), - 2121 (Y2)
Grade level: 11 and 12
Prerequisite: None
2-year long course, 2 credit

IB Spanish Ab Initio is a 2 year language acquisition course designed to provide students who are new to Spanish with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The language Ab Initio course develops students' linguistic abilities through the development of receptive, productive, and interactive skills by providing opportunities to respond and interact appropriately in a defined range of everyday situations. Language Ab Initio is a language acquisition course for students with no prior experience or very limited previous exposure to the Spanish language. It should be noted that language Ab Initio is offered at SL only.

IB Spanish B Standard Level - 2130 (Y1), 2132 (Y2)
IB Spanish B Higher Level - 2131 (Y1), 2133 (Y2)
Grade Level: 11 and 12
Two-year course, 2 credits

Prerequisite: SAL C or Advanced Themes in Spanish Acquisition 1 or 2 . 10th Graders who complete SAL B can be placed in IB Spanish Ab Initio or IB Spanish B depending on teacher recommendation.

IB Spanish B is designed for students who have a background in Spanish language acquisition equivalent to the prerequisites listed above. It is not intended to meet the needs of students who previously enrolled in a language A Spanish course. The objectives of IB Spanish B are to improve linguistic competence and promote understanding of the language in diverse and mainly expository contexts.

	FIRST YEAR 9th grade options	**SECOND YEAR** 10th grade options	**THIRD YEAR** 11th grade options	**FOURTH YEAR** 12th grade options
Language Acquisition (B)	SAL A SAL B SAL C Advanced themes	SAL B SAL C Advanced Themes	IB Span Ab Initio SL IB Span B SL	IB Span Ab Initio SL IB Span B SL
Mother Tongue Pathway (A)	Span 9	Span 10	IB Span A Lang Lit SL/HL	IB Span A Lang Lit SL/HL

Mathematics Courses

Mathematics 9 Integrated - 2316
Grade Level: 9
Prerequisites: None

Students will be placed in a level appropriate for their background in mathematics. ISP determines the most appropriate level for each student using a combination of MAP scores, teacher recommendations, and in-class performance.

Year-long course, 1 credit

Mathematics 9 Integrated is a pre-IB course in which students will develop, solidify, and practice algebraic and geometric concepts. The topics include functions emphasizing the exploration of quadratics, proving geometric concepts involving triangles, parallel lines, parallelograms, similarity, and congruence, right triangle trigonometry, and an introduction to probability. These topics are explored using an inquiry-based curriculum. Students are encouraged to discover relationships and patterns and effectively communicate their justifications. The students would flourish in an environment that would foster a deeper connection with mathematical relationships.

Mathematics 9 Integrated Advanced - 2317

Grade Level: 9

Prerequisites: None

Students will be placed in a level appropriate for their background in mathematics. ISP determines the most appropriate level for each student using a combination of MAP scores, teacher recommendations, and in-class performance

Year-long course, 1 credit

Mathematics 9 Integrated Advanced is a pre-IB course in which students will develop, solidify, and practice **algebraic and geometric concepts.** They will also dive deeper into the regular curriculum material and cover additional components embedded where they fit with the content. The topics include the study of functions emphasizing quadratics, geometric proofs involving triangles, parallel lines, parallelograms, similarity, congruence, right triangle trigonometry, and an introduction to probability. The students will explore these topics using an inquiry-based curriculum and will be encouraged to discover relationships and patterns and effectively communicate their justifications. Often exhibit fluency in skills execution as well as a deep conceptual understanding. They typically have a love for mathematics that propels them to investigate mathematical ideas beyond what is required in the classroom.

Mathematics 10 Integrated - 2318

Grade Level: 10

Prerequisites: Recommended Mathematics 9 Integrated

Students will be placed at a level appropriate for their mathematics background. ISP determines the most appropriate level for each student using a combination of MAP scores, teacher recommendations, and in-class performance.

Year-long course, 1 credit

Mathematics 10 Integrated is a pre-IB course in which students will develop, solidify, and practice concepts and skills related to algebra, geometry and trigonometry, and statistics, and probabilities. The algebra topics include the study of functions and their inverse, focusing on logarithmic, polynomial, rational, and trigonometric functions; modeling with both functions and geometry, and statistics and probabilities with a focus on the normal distribution. These topics are explored using an inquiry-based curriculum. Students are encouraged to discover relationships and communicate their justifications effectively. Students enrolled in this course have a solid foundation in mathematics. They would flourish in an environment that would foster a deeper connection with mathematical relationships.

Mathematics 10 Integrated Advanced - 2319

Grade Level: 10

Prerequisites: Recommended Mathematics 9 Integrated Advanced

Students will be placed at a level appropriate for their mathematics background. ISP determines the most appropriate level for each student using a combination of MAP scores, teacher recommendations, and in-class performance.

Year-long course, 1 credit

Mathematics 10 Integrated Advanced is a pre-IB course in which students will develop, solidify, and practice concepts and skills related to algebra, geometry and trigonometry, statistics, and probabilities. They will also dive deeper into the regular curriculum material and cover additional components embedded where they fit with the content. The algebra topics include the study of functions and their inverse, focusing on logarithmic, polynomial, rational, and trigonometric functions; modeling with both functions and geometry, and statistics and probabilities with a focus on the normal distribution.

The students will explore these topics using an inquiry-based curriculum and will be encouraged to discover relationships and communicate their justification effectively. The students enrolled in this course should exhibit fluency in skills execution and a deep conceptual understanding. They typically have a love for mathematics that propels them to investigate mathematical ideas beyond the course requirements.

Mathematics 10 Integrated - 2318

Grade Level: 10

Prerequisites: Recommended Mathematics 9 Integrated

Year-long course, 1 credit

This is an engaging high school math course designed as a non-IB option, offering a departure from traditional test-focused approaches. This dynamic course aims to equip students with practical math skills applicable to real-world scenarios, fostering a deeper understanding of mathematical concepts. Students will enhance their problem-solving abilities, critical thinking, and analytical skills, learning to apply mathematical principles to various life situations. Through varied activities and relevant examples, this course creates a bridge between theoretical knowledge and practical application, empowering students to confidently navigate the mathematical challenges encountered in their everyday lives.

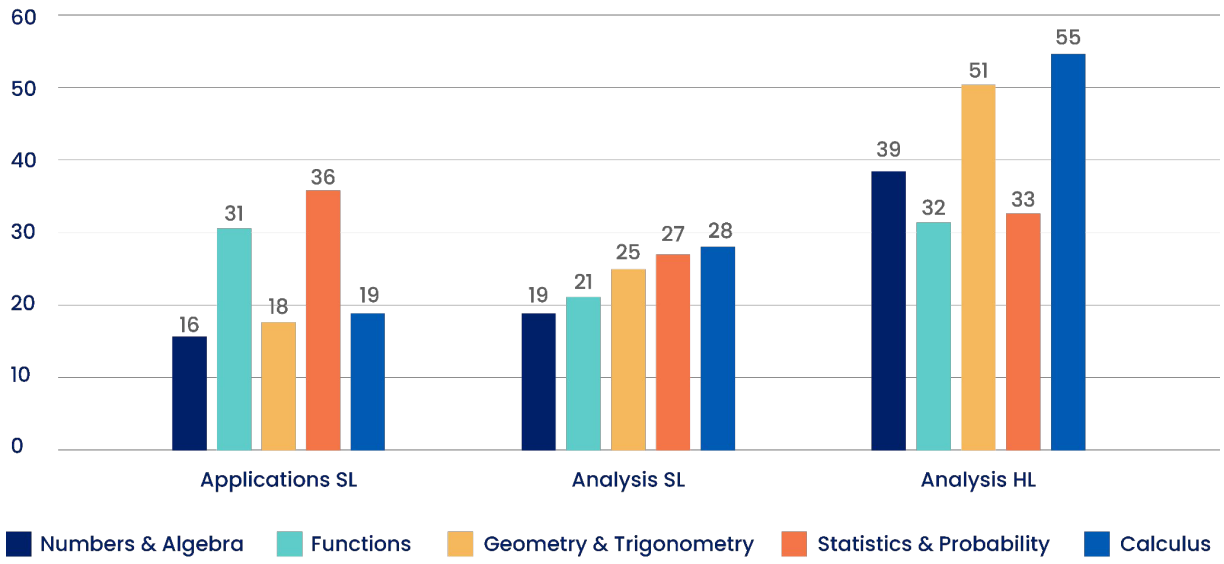
Mathematics 10 Integrated Advanced - 2319
Grade Level: 10
Prerequisites: Recommended Mathematics 9 Integrated Advanced

At ISP, we offer three IB mathematics courses to meet all our students' diverse needs, interests, and motivations.

These courses cover the same five topics:

- **Number And Algebra**
- **Functions**
- **Geometry And Trigonometry**
- **Statistics And Probability**
- **Calculus.**

The main difference consists of the amount of time dedicated to a given topic and a varying emphasis on each one, as shown in the following diagram.



Therefore, great care should be taken to select the most appropriate course for an individual student. When making this selection, the students should be advised to consider the following factors:

- **Their interest in mathematics and on particular topics of the curriculum**
- **Their abilities in mathematics and the type of mathematical approach they can be successful**
- **Their other choices of subjects within the framework of the Diploma Programme**
- **Their future academic plans, career aspirations, and the university or college of their interest; it is strongly advised to check the university requirements.**

Teachers will assist with the selection process and to offer advice to students.

Mathematics Applications and Interpretations Standard Level - 2332 (Y1), 2336 (Y2)
Grades: 11 and 12
Prerequisites: Mathematics 10 Integrated (or Advanced)
Two-year course, 2 credits

This course recognizes the increasing role of mathematics and technology in a diverse range of fields in a data-rich world. It emphasizes mathematics's meaning in context by focusing on topics often used as applications or mathematical modeling. Students are encouraged to solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations. Students should expect to develop vital technology skills; all external assessments involve the use of technology. This course will prepare the students to solve problems in various settings, develop more sophisticated mathematical reasoning, and enhance their critical thinking.

Hence, it has been designed for students who:

- **Enjoy applying mathematics to the real-world using technology**
- **Enjoy the more experimental side of mathematics**
- **Will be more likely to pursue a career in social or political sciences, natural sciences, medicine, statistics, business, economics, psychology, arts, etc.**

Mathematics Analysis and Approaches Standard Level - 2329 (Y1), 2334 (Y2)

Grades: 11 and 12

Prerequisites: Mathematics 10 Integrated (or Advanced)

Two-year course, 2 credits

This course is designed for students who like exploring real and abstract applications, sometimes with technology, and enjoy the thrill of mathematical problem solving and generalization. It focuses on developing mathematical concepts emphasizing calculus and trigonometry. Students should expect to develop insight into mathematical form and structure and provide justification and proof of results.Hence this course should be suitable for students who:

- Enjoy Constructing Arguments Through Mathematical Thinking
- Enjoy The Thrill Of Problem Solving And Generalization
- Enjoy Exploring Real And Abstract Applications, With And Without Technology
- Will Be More Likely To Pursue A Career In Engineering, Physical Sciences, Architecture, Or Economics.

Mathematics Analysis and Approaches Higher Level - 2333 (Y1), 2335 (Y2)

Grades: 11 and 12

Prerequisites: Mathematics 10 Integrated Advanced

Students who previously have taken Mathematics 10 Integrated Advanced and show interest to study this course should present evidence of fluency in skills execution and a deep conceptual understanding of this course's prerequisite. They should also be aware that some independent study might be required to fulfill these expectations.

Two-year course, 2 credits

This course is intended to meet students' needs with a strong mathematical background and analytical and technical skills. It focuses on developing critical mathematical concepts emphasizing calculus and trigonometry. Students should be intellectually equipped to appreciate the links between concepts in different topic areas such as numbers and algebra, functions and equations, trigonometry and geometry, vectors, statistics and probabilities, calculus, and further calculus (convergence of infinite series, differential equations, and power series).

Hence this course is suitable for students who:

- Enjoy The Construction Of Mathematical Arguments
- Enjoy The Thrill Of Rigorous Mathematical Problem Solving, Generalization, And Proofs
- Enjoy Exploring Real And Abstract Applications, With And Without Technology
- Wish To Pursue University Studies In Mathematics Or Subjects With A Sizable Mathematical Content Such As Mathematics Itself, Engineering, Physical Sciences, Or Economics.

Science Courses

General Biology – 2400
Grade Level: 9-12
Prerequisite: None
Semester-long course, .5 credit

An entry level course designed to provide students with a basic knowledge of biology. The intent is to help students develop positive attitudes and adequate investigative and experimental skills that are relevant to the study of biology, and will also be useful in life beyond the classroom. The course promotes biology topics and their relevance to our daily lives. The Biology course is designed to get students interested in the subject and prepared for the requirements of an advanced biology class. The curriculum of the Biology course includes the following themes: Energy & Matter in Organisms, Structure and Function, Inheritance and Variation of Traits, and Natural Selection and Evolution. At the high school level, there is a focus on several scientific practices. These include developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations; and to use these practices to demonstrate understanding of the core ideas.

IB Biology Standard Level – 2410 (Y1), 2412 (Y2)
IB Biology Higher Level – 2411 (Y1), 2413 (Y2)
Grade Level: 11 and 12
Prerequisite: None (General Biology strongly recommended)
Two-year course, 2 credits

The IB Biology is a pre-university two year course designed to provide students the opportunity to develop skills and knowledge in the field of biology as defined by the IB Organization. The approach to the teaching of the IB Biology course is experimental and this will be reflected throughout the course by means of a large number of laboratory and field investigations that students will perform throughout the two years. The course prepares students who are planning to continue in the field of biological science at the university level, and those students taking the IB Diploma or certificates. **The program includes four central themes:**

- **The first component**

Will allow students to learn the importance of the relationship between structure and function in the understanding of living organisms. They will explore how living things function at various levels of complexity, from simple to complex multicellular organisms.

- **The second component**

Will allow students to understand the nature of chemical elements as components of organic molecules and cells. This will be done by having students experiment in the laboratory and by using computer generated molecular models. The variety and complexity of organic molecules will also be examined.

- **The third component**

Helps students understand the mechanisms used to maintain equilibrium within systems. They will understand that checks and balances exist both within living organisms and ecosystems. Students will understand that a state of dynamic equilibrium is essential for life.

- **The last component, evolution, is a unifying theme.**

It is intended to help students analyze how changes in the genetic information contained within organisms lead to adaptations of structure and function which can guarantee survival and the continuity of life. The IB Biology teaching is anchored in real-world applications that are invoked throughout the course of the programme. The study of life makes progress through not only advances in techniques, but also pattern recognition, controlled experiments and collaboration between scientists. Unifying themes provide frameworks for interpretation and help us make sense of the living world: Form and function, Unity and diversity, Continuity and change, and Interaction and interdependence are four of the themes around which this biology syllabus is constructed.

General Chemistry - 2401
Grade Level: 10-12
Prerequisite: Successful completion of grade 9 Math
Semester-long course .5 credit

Students continue to develop their understanding of the three main themes of chemistry - organic, inorganic, and physical chemistry. They cover the most fundamental concepts from the subject, and are intended to leave room for expanded study in upper-level high school courses. The high school performance expectations in Physical Science build on previous ideas and skills allowing students to explain more in-depth phenomena; supporting students in developing usable knowledge to connect ideas across the sciences. At the high school level, there is a focus on several scientific practices. These include developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations; and to use these practices to demonstrate understanding of the core ideas.

Forensic Science - 2403
Grade Level: 10-12
Prerequisite: None (General Biology and Chemistry strongly recommended)
Year-long course, 1 credit

Framed through a case-study and hands-on approach, the course aims to introduce students to the scientific research and limitations of forensic science tools. Students will explore the scope and application of scientific principles and techniques behind the work of forensic scientists around the world. Students enrolled in ISP Forensic Science will be expected to actively and respectfully engage in all online and on-site lectures, discussions, experimental work and exploration of theoretical concepts and case studies. In a more modern context, however, forensic applies to courts or the judicial system. Combine that with science, and forensic science means applying techniques such as the scientific method and processes to solve crimes. The field of forensic science draws from a number of scientific branches, including physics, chemistry, biology and biotechnology with its focus being on the recognition, identification, and evaluation of physical evidence. It has become an essential part of the judicial system, as it utilizes a broad spectrum of sciences to achieve information relevant to criminal and legal evidence. Students learn to develop an appreciation of both the scientific and social environment of the criminal justice system. The curriculum of the Forensic Science course includes the following topics: Observation skills, Evidence Collection, Hair and Fiber Analysis, Fingerprints, DNA Profiling, Blood Spatter, Toxicology, Criminal Behavior, Firearms and Ballistics, among others.

IB Chemistry Standard Level – 2420 (Y1), 2422 (Y2)
IB Chemistry Higher Level – 2421 (Y1), 2423 (Y2)
Grade Level: 11 and 12
Prerequisite: None (General Chemistry strongly recommended)
Two-year course, 2 credits

IB Chemistry will give students a broad and comprehensive experience in the experimental subject of Chemistry, a science based on the use of the scientific method to answer questions about the composition, structure and properties of all the things around them. Students will be required to explain chemical phenomena using precise language as well as quantitative descriptions. The course will also foster communication and cooperation amongst students in their scientific quests to better prepare them to be the future members of the greater international scientific community.

Key Topics include Quantitative Chemistry, Atomic Structure, Periodicity, Bonding, Energetics, Kinetics, Equilibrium, Acids and Bases, Oxidation and Reduction, Organic Chemistry, and Spectroscopy.

Required skills include basic algebraic manipulations, scientific notation, database research, generation and manipulation of graphs, independent planning and organization, and laboratory safety skills. Student assessment is conducted both externally through written examination and internally by means of self-designed, practical investigations. Such an investigation entails researching a scientific problem, writing an appropriate research question, collecting, processing and evaluating data both qualitatively and quantitatively, and drawing conclusions.

General Physics – 2402
Grade Level: 10 - 12
Prerequisite: Successful completion of grade 9 Math
Semester-long course, .5 credit

The purpose of this course is to offer the student a broad range of Physics topics where the learner can engage in physical phenomena through an inquiry based approach. Topics covered include Mechanics, Electricity, Magnetism, Energy, and Waves. At the high school level, there is a focus on several scientific practices. These include developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. Students will use these practices to demonstrate understanding of the core ideas.

IB Physics Standard Level – 2430 (Y1), 2432 (Y2)
IB Physics Higher Level – 2431 (Y1), 2433 (Y2)
Grade Level: 11 and 12
Prerequisite: None (General Physics strongly recommended)
Two-year course, 2 credits

An internationally recognized, highly rigorous two year pre-university course which allows students to experience physics at a depth equivalent to a US undergraduate level course. Physics is the most fundamental of the experimental sciences as it seeks to explain the universe itself, from the very smallest particles to the vast distances between galaxies, incorporating topics such as Mechanics, Waves, Electricity and Magnetism along the way. The Standard-Level course prepares students for most fields related to Physics. The High-Level content focuses on very specific Phenomena, such as Relativity, Electromagnetic Induction and Quantum Physics, required for those who wish to continue their education in Physics. Students are introduced to the laws of physics along with scientific methods and techniques which are needed for physics investigations. Student assessment is conducted both externally through written examination and internally by means of self-designed, practical investigations. Such an investigation entails researching a scientific problem, writing an appropriate research question, collecting, processing and evaluating data both qualitatively and quantitatively, and drawing conclusions.

Earth Systems (ES) –2404
Grade Level: 9 - 12
Prerequisite: none
Semester-long course, .5 credit

The performance expectations for this course continue to build on ideas and skills and allow students to explain more in-depth phenomena focused on how and why the Earth is constantly changing. The curriculum of this course includes investigations of the following themes: atmosphere, Earth phenomena, and the importance of water among other themes. At the high school level, there is a focus on several scientific practices. These include developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations; and to use these practices to demonstrate understanding of core ideas.

IB Environmental Systems and Societies Standard Level – 2440 (Y1), 2442 (Y2)
Grade Level: 11 and 12
Prerequisites: None (General Biology and Chemistry strongly recommended)
Two-year course, 2 credits

This is a trans-disciplinary course that bridges the experimental sciences and individuals and societies, and as such can be treated as both a Group 3 and a Group 4 course. The course studies environmental systems and societies at a range of scales from local to global; the teaching of the course is firmly grounded in the local environment. The expectation of this course is to give students the tools to realize the strong connections between environmental systems and the societies that live in those systems. The course requires a systems approach to environmental understanding and problem solving. Students in ESS will be expected to participate in lectures, laboratory work, discussions, and case studies, as well as to spend the time outside of class that is necessary to absorb and understand the varied material.

Innovation Lab- 2245 (Science)
Grade Level: 11
Prerequisite: None
Year-long course, 1 credit

The Innovation Lab is designed and developed in collaboration with the University of Iowa and provides students the opportunity to experience the many facets of engineering by working on a series of hands-on engineering design challenges. These challenges are inspired by real-world problems and will allow students to explore how engineering can be used to improve people's lives and make a positive impact on the world. Eligible students will have the opportunity to earn 3 college credits from the University of Iowa.

Social Studies Courses

Grade 9 Global History – 2202
Grade Level: 9
Prerequisite: None
Semester-long course, 0.5 credits

Grade 9 Global History is a semester-long course focusing on the question **"What is the impact of science and technology on the human experience?"**

Unit 1 explores the Industrial Revolution, delving into its global impact and the profound changes it brought to societies, cultures, and economies. Students uncover the causes and consequences of industrialization, gaining insight into its lasting effects on global development and contemporary issues.

Unit 2 shifts to the tumultuous World Wars I and II era, examining the rise of authoritarian regimes and the evolution of international conflict resolution. Students analyze the geopolitical landscape preceding both wars, explore alliances, treaties, and their consequences, and contrast authoritarian and democratic governance systems.

They evaluate the role of international organizations like the League of Nations and the United Nations in managing global challenges, connecting historical precedents with contemporary issues. Grade 9 Global History is designed to introduce students to the historical, economic, and political lenses that structure Grade 10 Integrated Social Studies and are offered in the DP.

Grade 10 Integrated Social Studies – 2203
Grade Level: 10
Prerequisite: None
Year-long course, 1 credit

Integrated Social Studies is designed to expose students to the specific ways in which History, Global politics, Economics, and Business and Management approach social issues, thus preparing and allowing them to make an informed choice between IB Diploma Programme options and the Innovation and Entrepreneurship Diploma in Grade 11. Case studies include modern revolutions and their legacies (Unit 1), present-day international conflicts (Unit 2), Globalization (Unit 3), and tech ethics (Unit 4). Throughout the course, students develop 21st century skills of collaboration, communication, and creative and critical thinking.

IB History Standard Level (Y1 and Y2) - 2214
Grade Level: 11
Prerequisites: None
Year-long course, 1 credit

IB History Standard Level is an investigation-based course encouraging students to interpret historical events in order to deepen their understanding of their own lived experiences as well as historical and contemporary events. Students develop writing and research skills to prepare them for the social sciences at a university level. Standard Level content focuses on 20th century topics that focus on the concepts of Authoritarian rule, Rights and Protest, the Cold War and other socio-political topics.

IB History Higher Level – 2211 (Y1), 2213 (Y2)
Grade Level: 11 and 12
Prerequisites: None
Two-year course, 2 credits

IB History Higher Level is an investigation-based course encouraging students to interpret historical events in order to deepen their understanding of their own lived experiences as well as historical and contemporary events. Students develop writing and research skills to prepare them for the social sciences at a university level. Standard Level content focuses on 20th century topics that focus on the concepts of Authoritarian rule, Rights and Protest, the Cold War and other socio-political topics. Higher Level students supplement this study with extended instructional time devoted to the History of the Americas from the late 19th through the 20th century.

IB Psychology Standard Level – 2240 (Y1), 2242 (Y2) IB Psychology Higher Level – 2241 (Y1), 2243 (Y2)
Grade Level: 11 and 12
Prerequisite: None
Two-year course, 2 credits

The most salient goal of this course is to foster knowledge and awareness of, and respect for, the psychological diversity of human beings with reference to biological, cognitive and socio-cultural influences on behavior. They will also be able to explain how children and adults change over time using a wide range of theoretical areas (developmental psychology), such as biological, social, and cognitive processes. Students will evaluate and critique psychological research. They will learn research design, research methods, major psychological approaches, and explore ethical issues related to psychological research and application. Students will undertake one major research project at the end of their 2nd year. Students enrolling at the Higher Level will additionally learn abnormal psychology. Abnormal psychology focuses on the study of unusual patterns of behavior, emotion and thought, which may or may not be understood as precipitating a mental disorder.

IB Global Politics Standard Level 2220 (Y1), 2222 (Y2)
IB Global Politics Higher Level – 2221 (Y1), 2223 (Y2)
Grade Level: 11 and 12
Prerequisite: None
Two-year course, 2 credits

The goal of Global Politics is to provide students with a framework for understanding the perspectives, behavior, and decision- making processes of state governments, international organizations, national and sub-national groups. There are 4 main units: Foundational Unit, Human Rights, Development, and Peace & Conflict. Throughout the course, students will examine both the ideological and philosophical underpinnings of modern political science and also conduct case studies on the important political, economic, environmental and humanitarian issues confronting the global community in the early 21st century.

Requirements for the course will include an internal assessment portfolio based on a UN Day activity or service project, and a cumulative IB exam. Through debate, online discussions, written assessment, projects, and current events, students will gain an understanding of the major issues facing the world today. Higher Level students have the additional requirement of producing 2 oral presentations on a current issue.

IB Economics Standard Level – 2230 (Y1), 2232 (Y2)
IB Economics Higher Level – 2231 (Y1), 2233 (Y2)
Grade Level: 11 and 12
Prerequisite: None
Two-year course, 2 credits

The aim of this course is to introduce students to the main ideas and topics within Economics. The basic economic problem of scarcity and resource allocation within society shall be explored throughout the course. The course will be broken down into four main topics: microeconomics (economic variables affecting individuals, firms, and markets), macroeconomics (economic variables affecting countries, governments, and societies), international economics and development economics. Students will combine theory, quantitative and qualitative information to apply, analyse and evaluate current real-world economic issues. Finally students will also learn how the 9 concepts of wellbeing, interdependence, scarcity, efficiency, choice, intervention, change, equity and sustainability are connected to various economic theories.

IB Environmental Systems and Societies SL – 2440 (Y1), 2442 (Y2)
Grade Level: 11 and 12
Prerequisites: None (General Biology and Chemistry Strongly Recommended)
Two-year course, 2 credits

This is a trans-disciplinary course that bridges the experimental sciences and individuals and societies, and as such can be treated as both a Group 3 and a Group 4 course. The course studies environmental systems and societies at a range of scales from local to global, the teaching of the course is firmly grounded in the local environment. The expectation of this course is to give students the tools to realize the strong connections between environmental systems and the societies that live in those systems. The course requires a systems approach to environmental understanding and problem solving. Students in ESS will be expected to participate in lectures, laboratory work, discussions, and case studies, as well as to spend the time outside of class that is necessary to absorb and understand the varied material.

IB Business and Management Standard Level – 2252 (Y1), 2254 (Y2)
IB Business and Management Higher Level - 2253 (Y1), 2255 (Y2)
Grade Level: 11 and 12
Prerequisite: None
Two-year course, 2 credits

The Business and Management course develops students' understanding of business management theories, as well as their ability to apply a range of tools and techniques across the key business functions of human resource management, finance, and accounts, marketing and operations management. Students learn to analyze, discuss, and evaluate business activities at local, national, and international levels, across a variety of sectors, as well as multiple socio-cultural and economic contexts in which those organizations operate.

Through the exploration of four interdisciplinary concepts of creativity, change, ethics, and sustainability, students develop a holistic understanding of today's complex and dynamic business environment through real world examples and case studies. The course addresses ethical concerns at both a local and global level, and develops the ability to think critically, make ethical, sound and well-informed decisions, appreciate the pace, nature and significance of change, think strategically and undertake long-term planning, analysis and evaluation.

The Standard Level course covers 26 sub-units, and the Higher Level course covers an additional 11 sub-units.

*Note: Students: For 25-26 we will offer two sessions of Business Management SL/HL. We will cap the classes at 22. Students who do not select Economics will be prioritized for Business. Management.

Entrepreneurship:
From Ideas to Action- 2275
Grade Level: 11
Prerequisite: None
Year-long course, 1 credit

Designed in partnership with the University of Delaware this course is a transformative initiative designed to ignite the entrepreneurial spirit within aspiring innovators and changemakers.

Through a comprehensive curriculum and hands-on experiences, From Ideas to Action empowers students to have a growth mindset, learn from setbacks, and persevere as they develop essential entrepreneurial skills like problem-solving, creativity, teamwork, and effective communication. Students will culminate their entrepreneurial journey by showcasing their ventures and securing funding through pitch competitions and opportunities.

Entrepreneurship Essentials-2276
(Humanities - Business)
Grade Level: 12
Prerequisite: None
Year-long course, 1 credit

Entrepreneurship Essentials equips students with a foundational understanding of core business concepts.

Through practical, project-based learning, students will develop skills in finance, marketing, and other essential areas of developing and entrepreneurial venture. This course is designed to empower aspiring entrepreneurs and innovators to transform their ideas into viable ventures.

Psychology of Human Relationships – 2245

Grade Level: 10 - 12
Prerequisite: None
Year-long course, 1.0 credits

Human beings are fundamentally social creatures who depend on one another for their survival and well-being, both physical and psychological. Everyone is born with powerful needs for love, friendship and belonging; similarly, we fear and avoid rejection, loneliness and the disapproval of others. This course focuses on human relationships (romantic, friendship, familial, or antagonistic). It examines a variety of relationship topics from a social psychological perspective including attraction, love- and mate selection; kinship, friendship and enemyship; jealousy, betrayal and forgiveness, conflict and aggression, social Influences, group dynamics, and the processes involved in relationship breakdown and repair.

Abnormal Psychology - 2273

Grade Level: 10-12
Prerequisite: None
Year-long course, 1.0 credits

This is an introduction to the field of abnormal psychology. We will examine methods of defining psychological normality and abnormality.

Students will learn how mental disorders are classified.

They will explore different mental disorders (schizophrenia, personality disorders, anxiety disorders, factitious disorders, etc.).

We will see the possible causes and possible treatments.

Philosophy - 2274
Grade Level: 10-12
Prerequisite: None
Semester-long course, 0.5 credits

This course is designed to meet the MEDUCA requirement of one semester of Philosophy. It is a study of world philosophical trends including doctrines of theory of knowledge, politics for philosophers, the theory of being, and social utopias.Students are encouraged to explore new ways of knowledge and thinking. There is an external component (project) which occurs outside of normal class hours as part of the course requirement for MEDUCA.

Panamanian Studies - 2268
Grade Level: 9
Prerequisite: None
Year-long course, .5 credits

This semester-long course covers key topics in Panamanian History, Panamanian Geography and Panamanian Civics and satisfies the MEDUCA requirements. Students will gain a deeper understanding of key aspects of their home/host country, as well as the ability to compare/contrast Panama with other nations. This is accomplished through critical engagement in debates, projects, and research investigations. Through all of this, the course's aim is for students to deepen their values as well as to build knowledge of an empathy for their local surroundings.

All ISP students take Early Panamanian History in Grade 8. Students who do not take the Early Panamanian History course in Grade 8 must take the online course.

All ISP students take Panamanian Studies in Grades 7, 8, and 9. Students who haven't completed Panamanian Studies after Grade 9 have the opportunity to take online courses in the three areas of the program: Early History, Modern History, Panamanian Geography, and Panamanian Civics.

These online courses are described here:

Early Panamanian History Online (Historia de Panamá - 5000 a.c. a 1903 d.c.) – 2264
Grade Level: 9-12
Prerequisite: None
Semester-long course, 0.5 credits

Early History of Panama covers Panamanian History from the prehispanic period until the departmental period. This online course is divided into units that include: the first populations of Panama, explorations, conquest and colonization of Panama, and the economic legacy of colonialism and independence.

Entrepreneurship: From Ideas to Action- 2275
Grade Level: 11
Prerequisite: None
Year-long course, 1 credit

Designed in partnership with the University of Delaware this course is a transformative initiative designed to ignite the entrepreneurial spirit within aspiring innovators and changemakers.

Through a comprehensive curriculum and hands-on experiences, From Ideas to Action empowers students to have a growth mindset, learn from setbacks, and persevere as they develop essential entrepreneurial skills like problem-solving, creativity, teamwork, and effective communication. Students will culminate their entrepreneurial journey by showcasing their ventures and securing funding through pitch competitions and opportunities.

Modern Panamanian History (XX to XXI century) – 2265
Grade Level: 10-12
Prerequisite: None (Early Panamanian History recommended)
Semester-long course, 0.5 credits

The theme of the course focuses on the history and most relevant historical events starting with the Independence of Panama from Spain up to the present, emphasizing the generational struggle for total sovereignty through the different decades.

It is designed to let students know about the trajectory of the Panamanian people in the struggle for the achievement of full national sovereignty; let them understand the relationship between Panama and the United States of America since the beginning of the Republican era; know and analyze national political events; recognize that the geographic position of the isthmus, has been an important factor of influence on the historical evolution of Panama.

Panamanian Civics (Cívica) – 2267
Grade Level: 10-12
Prerequisite: None
Semester-long course, 0.5 credits

This course emphasizes the cultural education of students, promotes the practice of civic and moral values, solidarity and harmonious coexistence in the family, the school and the community; the laws of human behavior that is laid down in the national Constitution; procedures for acquiring Panamanian nationality; the concept of Government and features of the Government of Panama.

Visual And Performing Arts (VAPA) Courses

Intro to Visual Arts- 2537
Grade Level: 9th Grade
Prerequisite: None
Year-long course, 1 credit

In this foundational course, students will explore the different facets of visual arts ranging from traditional 2D and 3D art forms to photography and graphic design. Students will develop their artistic potential as they learn fundamental techniques, examine different mediums and their uses, and gain a deeper appreciation for how art influences the world around them.

Studio Art- 2538
Grade Level: 10-12
Prerequisite: Introduction to Visual Art
Year-long course, 1 credit

In this course, students will review and develop an understanding of various studio practices from painting, to drawing, printmaking to sculpting. Connections will be made and examined to art history as well as contemporary society. Students will develop their creative process to produce artwork from direct observation as well as their imagination. Reflection, student critiques and feedback cycles will be used to help students reach their full potential.

Digital Art- 2539
Grade Level: 10-12
Prerequisite: Introduction to Visual Art
Year-long course, 1 credit

In this course students will cover the theory and function of the major design software, digital design principles, and digital photography. Students will acquire skills and knowledge in the use of DSLR cameras and smartphones in both automatic and manual settings. The basics of composition and illumination as well as corrective and creative post-production techniques will be used to develop artworks. As well as an introduction to elements of design, spatial relationships, typography and imagery will be applied to practical visual solutions for self-promotion, resumes, logo and web design.

IB Visual Arts Standard Level – 2510 (Y1), 2512 (Y2)
IB Visual Arts Higher Level – 2511 (Y1), 2513 (Y2)
Grade Level: 11-12
Prerequisite: Intro to Visual Arts, Studio Art 1 or Photography and Digital Art 1
Two-year course, 2 credits

In this course, students will review and develop an understanding of various studio practices from painting, to drawing, printmaking to sculpting. Connections will be made and examined to art history as well as contemporary society. Students will develop their creative process to produce artwork from direct observation as well as their imagination. Reflection, student critiques and feedback cycles will be used to help students reach their full potential.

Theatre

Introduction to Theater- 2584
G9 Year Long Elective

This course is designed to explore all aspects of theater through performance, playwriting, history and technical theater. Students will learn to approach performance text through different practitioners and mediums including acting for film as well as approaches to storytelling through writing for the theater. In addition to performing, students will learn about the technical aspects of theater including lighting, sound, costumes, props and stage management and be able to practically approach productions through the different lenses.

Theater 2 - 2580
Grade Level: 10-12
Prerequisite: Intro to Theater is recommended but not required
Year-Long course, 1 credit

This course builds on Introduction to Theatre where students can deepen their exploration of all aspects of theater. Students will continue to explore performance, playwriting, history and technical theater. Building on previous work, students can either deepen their knowledge or choose a different practitioner as well as continuing to develop their writing for the theater. In addition to performing, students will learn about the technical aspects of theater including lighting, sound, costumes, props and stage management and be able to practically approach productions through the different lenses.

IB Theatre Standard Level – 2514 (Y1), 2516 (Y2)
IB Theatre Higher Level – 2515 (Y1), 2517 (Y2)
Grade Level: 11-12
Prerequisite: None
Two-year course, 2 credits.

The IB Diploma theater is a multifaceted two-year course that gives students the opportunity to make theatre as creators, designers, directors and performers. Through the processes of researching, creating, preparing, presenting and critically reflecting on theater, students gain a richer understanding of themselves, their community and the world. Please note that Extra Instructional Time (EIT) is required for Higher Level students.

***Not offered in the 2025-2026 school year**

Music

9th Grade Band 9th- 2551
Grade Level: 9th grade
Prerequisite: none; music experience is recommended.
Year-Long course, 1 credit

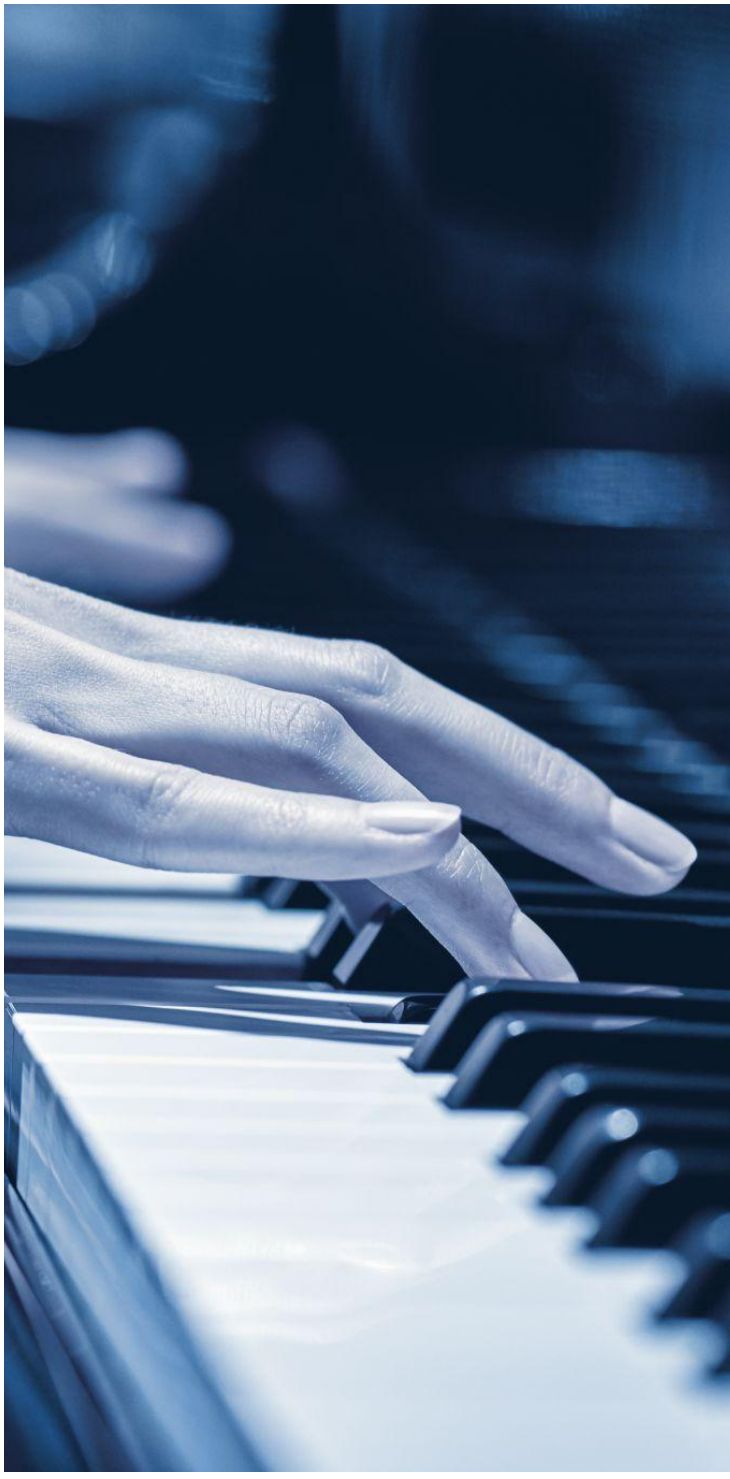
Open to all 9th grade school students with experience in band instruments. In this year-long course, music studied and performed will be traditional, modern, and mixed band music from around the world. Musical theory, history, and literacy will also be introduced.

Beginner Guitar- 2556
Grade Level: 9-12
Prerequisite: none
Year-Long course, 1 credit

The beginner guitar class is a beginner/intermediate level class where students will build on previous knowledge of guitar technique for reading music and for developing performing skills. The class will focus on the foundational skills of music. Performing opportunities will be provided to participate in solo and ensemble events as well as the guitar orchestra at the end of each semester. Instructional information will include proper posture, left and right hand technique, and basic music literacy.

Music Production - 2501
Grade Level: 10-12
Prerequisite: none; music experience is recommended.
Year-Long course, 1 credit

The Music Production class is designed to immerse students in the art and science of creating music through digital means. This dynamic course covers a range of essential topics, fostering students' creativity and technical skills in the realm of music production.



HS Band - 2552
Grade Level: 10-12
Prerequisite: None; music experience is recommended.
Year-Long course, 1 credit

Open to all 10th-12th grade school students with experience in band instruments. In this year-long course, students will focus on the technical skills of their instrument. Music studied and performed will be traditional, modern, and mixed band music from around the world. Musical theory, history, and literacy will also be studied in depth.

Advanced Guitar - 2503
Grade Level: 9-12
Prerequisite: 8th grade guitar or Beginner Guitar
Year-Long Course, 1 credit

The Advanced Guitar course is a one-year course for those students who have completed the 9th grade guitar course (or guitar in 8th grade). The performing skills will be moved to a higher standard level that will include fingerpicking technique, arpeggios in various forms; solo, duet, trio and ensemble music; and more complex rhythm with music literacy. Performing opportunities will be provided.

IB Music Standard Level - 2553 (Y1), 2563 (Y2)
IB Music Higher Level - 2554 (Y1), 2549 (Y2)
Grade Level: 11 and 12
Prerequisite: none; prior music experience is recommended.
Two-Year Course, 2 credits

The IB Music Course emphasizes inclusive and diverse opportunities to explore, experiment with, create, and perform music within 4 Areas of Inquiry including Music for Sociocultural and Political Expression, Music for Listening and Performance, Music for Dramatic Impact/Movement/Entertainment, and Music Technology in the Electronic and Digital Age. Through these four Areas of Inquiry, students take on the role of researcher, creator and performer.

Physical Education Courses

Physical Education 9 - 2721
Grade Level: 9
Prerequisite: None
Year-long course, 1 credit

This course provides ISP students with the opportunity to participate actively in a wide variety of physical activities that lead to the application of fundamental skills, sport specific skills, fitness skills, and lifelong skills.

Physical Education students will be challenged to develop as independent learners through a variety of experiences, whilst continuing to develop their own individual identity. Students will continue to develop and refine their movement skills as well as learn to apply tactics and strategies necessary to actively participate in more complex physical activities.

Students will also be challenged to undertake a variety of performance, officiating and leadership roles. The course is designed to raise the awareness of what constitutes a healthy, active lifestyle.

This will provide students with the necessary information to support them in their own fitness and training outside of the classroom as well as the ability to critically analyze their personal health choices.

Physical Education 10-12 - 2722
Grade Level: 10-12
Prerequisite: Physical Education 9 or equivalent
Year-long course, 1.0 credit

Our key goal is to support the students to understand the relationship between physical activity and health. In addition, to the awareness and appreciation of a lifelong need to be active. Throughout the semester students will learn about the importance of physical fitness, their general well-being and its implications in modern societies. Students will use their knowledge acquired in previous years and refine it to be able create and follow individualized goals. Students will also challenge themselves to take responsibility for completing engaging assignments, working with different teams and assuming leadership roles. The course is distributed in three weeks long units to develop specific indoor and outdoor activities. Outdoor activities include; lacrosse, swimming, football. Indoor activities include; handball, badminton and volleyball.

Girls Fitness - 2723
Grade Level: 10-12
Prerequisite: None
Year-long course, 1.0 credit

Our goal during the semester is to further develop an understanding of the benefits of a healthy lifestyle, exploring fitness, nutrition, and stress management strategies wellbeing. The course will allow students to train specifically for sports and/or for those looking to improve their own personal fitness levels and train to improve their individual fitness goals. Students will also investigate the components of a training session - warm up, workout and cool down, and will ultimately design their own fitness goal and workouts to achieve it as well as document their journey. A wide variety of conditioning activities will be offered including: yoga, aerobics, resistance training, running, and HIIT. In opting for this elective, students need to be willing to experience a variety of physical activities and challenge themselves to work to improve their overall fitness level.

Sports Management - 2724
Grade Level: 10-12
Prerequisite: None
Year-long course, 1 credit

Our key goal is to support the students to understand the relationship between physical activity and health.

In addition, to the awareness and appreciation of a lifelong need to be active. Throughout the semester students will learn about the importance of physical fitness, their general well-being and its implications in modern societies. Students will use their knowledge acquired in previous years and refine it to be able create and follow individualized goals.

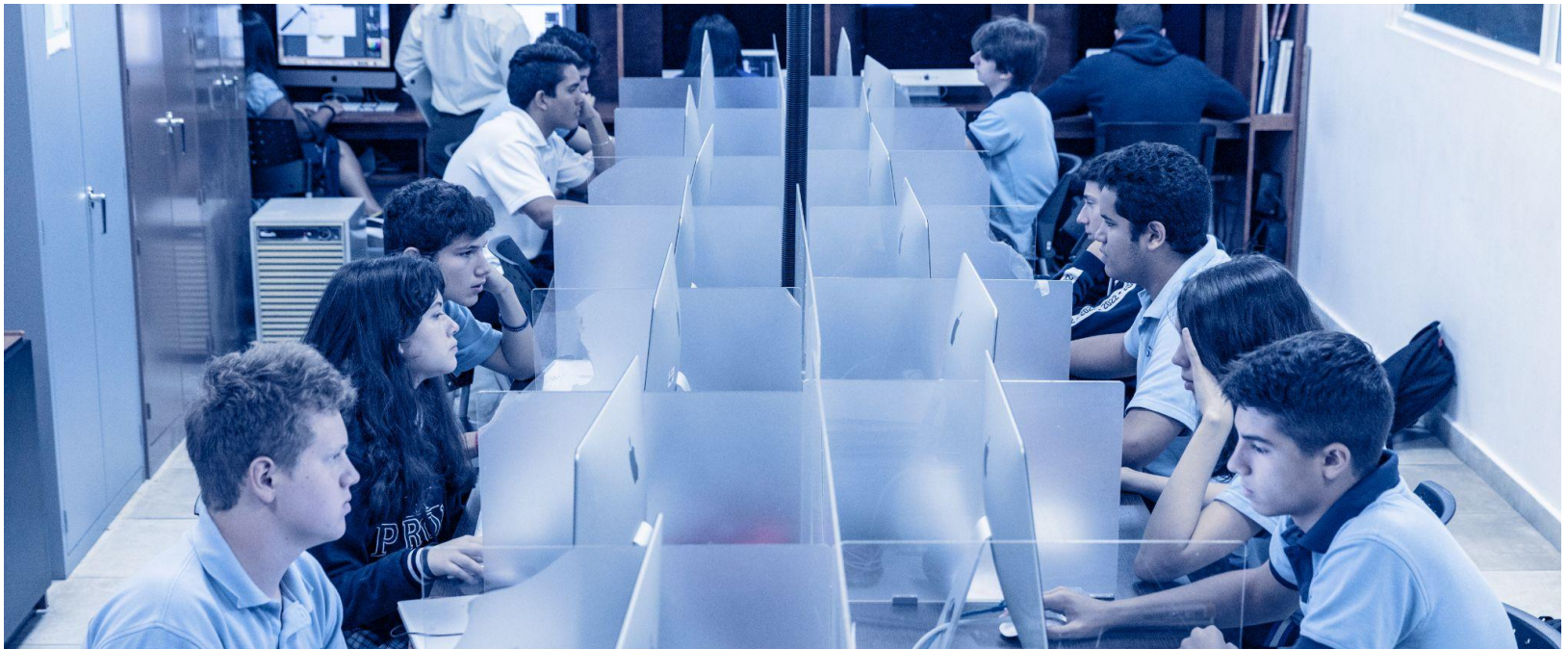
Students will also challenge themselves to take responsibility for completing engaging assignments, working with different teams and assuming leadership roles. The course is distributed in three weeks long units to develop specific indoor and outdoor activities. Outdoor activities include; lacrosse, swimming, football. Indoor activities include; handball, badminton and volleyball.

Global Online Academy

Physical Education 9 - 2721
Grade Level: 9
Prerequisite: None
Year-long course, 1 credit

Students in Grades 10-12 have the opportunity to take a GOA online class in place of a school based elective. Please click here to see the full catalog of Global Online Academy courses and speak to your counselor if you wish to consider this option. These are fully online asynchronous courses, taken in cohort with other independent school students around the world and are accredited by NEASC. Students may take one course through GOA per semester. GOA classes are scheduled during one block in the student's schedule to provide time at school work on course requirements, however additional time may be required outside of the school day. GOA classes are very rigorous and require a high level of self-management skills.

Note: In order to enroll in a GOA class, students and parents will be required to sign an agreement that they will fulfill all course requirements. While ISP incurs the costs for GOA, students who drop classes after the first deadline will be required to reimburse the school for 50% of the course cost, and those who drop a class after the final deadline will be responsible for reimbursing the school for the full cost of the course.



Learning Support Courses

Study Skills – 2702
Grade Level: 9-12
Prerequisite: Pre Approval & Documentation required | Teacher referral form | Student Services Team approval
Variable length course:
0.5 credits per semester

Study Skills is designed to support students in content areas outside of the subject specific classroom. Students receive small group and individual consultation to support access across all curriculum. Study Skills aids in the development of personal, fundamental, academic, and learning skills. It aims to empower students through achievable short and long term goals to develop the necessary tools and strategies to become successful in both areas of executive functioning and academics.

EAL English Support – 2701
Grade Level: 9-12
Prerequisite: WIDA Screener | Student Services Team approval | Teacher referral form
Variable length course:
0.5 credits per semester

The English Support course is designed for students who are non-native English speakers and require small group or individual instruction due to their English language proficiency level. The aim is for students to receive guided support in order to enhance proficiency in four language domains: Listening, Speaking, Writing and Reading. Class content covers a variety of exercises to foster the acquisition of the English Language. The support offered is to reinforce and provide additional instruction in English specifically for content areas. Enrolment is determined by the overall standard score from the English Language Proficiency Test-WIDA Model. Results from language assessments and teacher observations aid in developing individual student plans which include CAN DO descriptors, GO TO Strategies and accommodations.

Internships

Internships - various codes, see below
Grade Level: 11-12
Prerequisite: see below
Semester-long course, 0.5 credits

Internships are created for students who would like to earn some work experience instead of taking an academic course. Working with an ISP faculty member, students will learn practical and interpersonal skills in a real-world working environment. Students earn 0.5 credit and a grade of Pass/Fail upon successful completion of the semester-long internship experience. Internships are available in the following areas:

2910	**Internship - Technology** **Prerequisite: Tech for Innovation**
2911	**Internship - Child Development**
2912	**Internship- Business Management**
2916	**Internship - Visual & Performing Arts**
2917	**Internship- Teaching Assistant**
2918	**Internship - Culinary**
2919	**Internship- Library**
2920	**Internship- Counseling**

Interested students should consult his/her counselor to discuss their interests, goals, and desired internship experience.

International School of Panama