

International Baccalaureate (IB)

The Ann Arbor Public Schools is proud to offer the International Baccalaureate (IB) continuum of programming, including preschool-12th grade, as follows:

- **Primary Years Programme** at Mitchell Elementary School, PreK-5th grade
- **Middle Years Programme** in partnership at Scarlett Middle School (6th-8th grade) and Huron High School (9th-10th grade)
- **Diploma Programme** at Huron High School (11th and 12th grade)
- **Career-related Programme** at Huron High School (11th and 12th grade)

Students and families who live within the Mitchell, Scarlett and Huron attendance boundaries are a part of these programs in addition to in-district transfer and schools of choice families who apply to be a part of the Ann Arbor IB pathway. More information about the Ann Arbor IB programming can be found at <http://ib.a2schools.org>.

IB at Huron in 9th and 10th Grade:

All 9th and 10th graders at Huron study six of the MYP subjects all year, each year as part of the school day.

The six MYP subjects are:

1. Language and Literature (English Language Arts)
2. Language Acquisition (World Language)
3. Individuals and Societies (Social Studies)
4. Sciences
5. Mathematics
6. and **ONE of the following subjects**
 - Physical Education/Health (Personal Fitness, Health and Wellness, etc.)
 - Visual or Performing Arts (Visual Arts, Band, Choir, Orchestra, etc.)
 - Design (Project Lead the Way, Business, Automotive Technology, Foods, etc.)



Courses are organized as units of study and can be viewed at <http://ib.a2schools.org>. Click on the **Parent Resources** link. Then look for the "Scarlett/Huron MYP Curriculum Unit Planners".

What does a typical Huron 9th and 10th grade schedule look like?

Subject	9th Grade		10th Grade	
Language and Literature	English 9 (IB)		English 10 (IB)	
Language Acquisition	World Language - continue with language taken in 8th grade		World Language - continue with language taken in 9th grade	
Individuals and Societies	World History and Geography (IB)		Economics (IB)	Government (IB)
Sciences	Biology (IB)		Chemistry I (IB)	Physics I (IB)
Mathematics	Math course - Algebra I (IB), Geometry (IB) or Algebra II (IB)		Math course - Geometry (IB) or Algebra II (IB)	
Subject 6 MYP Elective	Visual/Performing Arts or PE/Health or Design Electives - consider Personal Fitness (IB) and Health (IB)		Visual/Performing Arts OR PE/Health or Design Electives	
Subject 7	Elective	Elective	MYP Personal Project course (see below)	Elective - consider Earth: History, Systems and Sustainability (IB)

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

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Students complete the required **MYP Personal Project** in the first semester of 10th grade. Students pursue a personal interest while applying the skills developed through the *MYP Approaches to Learning* framework.

During the course, students are guided to follow a process for learning that includes:

1. Planning
2. Applying Skills
3. Reflection

In January each year, students present their project during the evening *Personal Project Exhibition* at Huron.

Specific project titles can be viewed at <http://ib.a2schools.org>. Click on the **Parent Resource** link. Then look for the “**Huron Personal Project Program**”.

MYP Approaches to Learning are:

- **Research Skills**
- **Social Skills**
- **Thinking Skills**
- **Communication Skills**
- **Self-management Skills**

MYP Course Offerings

(see section in Guide)

International Baccalaureate

Personal Project

Language and Literature

English Language Arts

English 9 IB

English 10 IB

Language Acquisition

World Language

Chinese, Mandarin I IB

Chinese, Mandarin II IB

Arabic I IB

Arabic II IB

French I IB

French II IB

French III IB

German I IB

German II IB

Spanish I IB

Spanish II IB

Spanish III IB

Individuals and Societies

Social Studies

Economics IB

Government IB

History and Geography, World, IB

Sciences

Science

Biology IB

Chemistry I IB

Earth: Hist, Systems & Sustainability, IB

Physics I IB

Mathematics

Mathematics

Algebra I IB

Algebra II IB

Algebra II AC IB

Geometry IB

Geometry AC IB

Physical Education/Health

Health

Physical Education

Health and Wellness IB

Personal Fitness I, Co-Ed IB

Personal Fitness, Female-Focus IB

Personal Fitness, Male-Focus IB

Personal Fitness II IB

Yoga IB

Visual or Performing Arts

Art or Music

Art and Design IB

Ceramics and Sculpture I IB

Graphic Design IB

Photography I, Darkroom IB

Photography, Digital I IB

Band, Varsity IB

Chorus, Cantando Treble IB

Chorus, Cantare Bass IB

Orchestra Philharmonic IB

Design

Project Lead The Way (PLTW)

Business Admin & Management

Career & Technical Education (CTE)

Engineering Design IB

Engineering, Principles of IB

Computer Applications I IB

Computer Applications II IB

Marketing Education IB

Programming, Introduction IB

Web Design I IB

Web Design II IB

Auto, Know Your IB

Foods, Nutrition IB

Writing for Publication-Newspaper IB

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

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IB at Huron in 11th and 12th Grade: *Choose Your Best Fit*

Huron High School offers International Baccalaureate (IB) pathways for almost any student in 11th and 12th grade.

- IB Diploma Programme
- IB Career-related Programme
- IB Course Student (as part of Traditional student experience)

The Huron IB coordinators, counselors, teachers and administrators will help each student find their “IB best fit” that recognizes the student’s strengths, interests, passions, and goals leading to success in the next steps of life.

Please use the table below to understand the student experience within each pathway.

Path	Full IB Diploma Programme Student (DP)	Career-related Programme Student (CP)	IB Course Student (as part of Traditional student experience)
Courses	Takes six DP courses, one from each of the DP subject groups in 11 th and 12 th grades	Takes courses from an offered Career-related pathway and takes two or more DP courses in 11 th and 12 th grades	Takes combination of courses offered at Huron: DP courses, AP courses, and/or any traditional Huron course by choice.
Core Experiences	Completes the elements of DP Core (through DP Advisory course) - Theory of Knowledge (TOK) - Extended Essay - Creativity, Activity and Service (CAS)	Completes the elements of CP Core (through CP Advisory course) - Personal and Professional Skills (PPS) - Reflective Project - Service Learning - Language Development	Not applicable
Exams	Attempts IB Exams in all six DP subjects	Attempts IB Exams in selected DP courses	Attempts IB exams in selected DP courses
Extra-Curricular	Participates in Huron: - Clubs - Sports	Participates in Huron: - Clubs - Sports	Participates in Huron: - Clubs - Sports
Awards	Receives: · Huron High School Diploma · IB Diploma (upon successful completion of all components and exams) · DP course score certificates (potential college credit)	Receives: · High School Diploma · IB Career Related Certificate (upon successful completion of all components and exams) · DP course score certificates (potential college credit)	Receives: · Huron High School Diploma · DP course score certificates (potential college credit)

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	CP Students take: Courses in their career-related study field for 4 consecutive semesters in 11-12th grades A minimum of two of the DP courses listed below (one must be a two-year course) CP Core Advisory, a course taken for 4 consecutive semesters in 11th and 12th grades.
Career-related Study Choices:	● Engineering (Introduction to Engineering Design, Principles of Engineering, Aerospace Engineering, Engineering Design and Development) ● Business, Management, Marketing and Technology (Accounting, Marketing, Principles of Management, Entrepreneurship, Web Design, Computer Applications Technology, Cybersecurity) ● Automotive Services (Auto Service Technology 1 and 2) ● Homebuilding ● Cosmetology ● Culinary Arts & Hospitality (Culinary Arts & Hospitality, Baking & Pastry Arts) ● Health Sciences (Health Science Principles, Advanced Health Science Technology/Clinical)
	Full IB Diploma Students take: A full schedule of DP courses in 11th and 12th grade One course each from DP Groups 1-5, and a 6th additional course from groups 3, 4 or 6 listed below DP Core Advisory for 4 consecutive semesters in 11th and 12th grades.
DP Group 1 Choices:	● DP Language and Literature HL (two years) ● DP Literature HL (two years)
DP Group 2 Choices: * CP students choose DP Group 2 only as their <u>third</u> choice.	● DP Language B available in Spanish, French, German, Mandarin, Arabic SL and HL levels (two years); French, German Chinese at ab initio (from the beginning)
DP Group 3 Choices:	● DP Global Politics SL (one year) ● DP Psychology SL (one year) ● DP History SL (one year) ● DP Business Management SL (one year) ● DP History HL (two years)
DP Group 4 Choices:	● DP Physics SL or HL (two years) ● DP Chemistry SL or HL (two years) ● DP Biology SL or HL (two years) ● DP Computer Science SL or HL (two years) ● DP Environmental Systems and Societies SL (one year)
DP Group 5 Choices:	● Math Applications & Interpretations SL (two years) ● Math Applications & Interpretations HL (two years) ● Math Analysis & Approaches SL (two years) ● Math Analysis & Approaches HL (two years)
DP Group 6 Choices:	● DP Visual Arts SL or HL (two years) ● DP Film SL or HL (two years)
To find out more about these DP courses, please go to https://www.a2schools.org/teaching-learning/ib and click on "IB at Huron"	

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Note for AAPS counselors: Please consult with Huron counselors/Diploma Programme facilitator before enrolling due to two year nature of most Diploma Programme courses.

MIDDLE YEARS PROGRAMME – MYP

PERSONAL PROJECT IB

School(s): **Huron**

Course #: **IB919100**

Grade(s): **10**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1st Semester 10th grade	0.5	Elective	None	

The personal project is a culminating 10th grade activity that showcases individual learning in the Middle Years Programme (MYP). It focuses on a topic chosen by the student, and it challenges students to demonstrate their learning capabilities.

Success with the Personal Project is connected to skills every successful student needs (but not all schools intentionally address) including being a thoughtful planner and problem solver. In MYP schools around the world, the Personal Project is regarded as a marker that defines readiness for learning opportunities in high school and beyond. Many MYP students refer to their Personal Project in their college admissions essays and scholarship applications. In addition, students who are entering the trades or job market following high school distinguish themselves as well by explaining their work to select a project, plan it, carry out the plan and then evaluate the effectiveness of the project.

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

DIPLOMA PROGRAMME – DP

CAREER-RELATED PROGRAMME - CP

CP CORE ADVISORY PERSONAL AND PROFESSIONAL SKILLS YR1 IB

CP CORE ADVISORY PERSONAL AND PROFESSIONAL SKILLS YR2 IB

School(s): **Huron**

Course #: **IB680101, IB680102**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
Year 11th	0.5		Students must be in the IB/CP	
Year 12th			Programme	

This course is for students working toward the IB Career-related Programme Certificate. It is taken in both 11th and 12th grade. The course prepares students for the successful completion of the Core elements of the IB Career-related Programme:

- * Personal and Professional Skills,
- * Reflective Project,
- * Language Development, and
- * Community Engagement.

Students will explore attitudes, skills, and strategies to both personal and professional situations and contexts now and in the future. Students work to produce a Reflective Project by learning and applying strategies of high-level research, writing, and extended communication skills as they explore an ethical dilemma in their chosen career-related study area. Students will devote time to developing and demonstrating skills in a language beyond their mother tongue and applying knowledge and skills toward meeting the needs of their community through service learning opportunities.

DP CORE ADVISORY THEORY OF KNOWLEDGE YR1 IB

DP CORE ADVISORY THEORY OF KNOWLEDGE YR2 IB

School(s): **Huron**

Course #: **IB209511, IB209512**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
Year 11th	0.5		Must be enrolled as a full	
Year 12th			Diploma Programme student to	
			enroll in this course.	

Students working toward their IB Diploma take this course in both 11th and 12th grade. The course prepares students for the successful completion of the Core elements of the IB Diploma Programme:

- Creativity, Activity and Service
- The Extended Essay
- Theory of Knowledge

Students explore the nature of knowledge and the process of knowing. Through various thematic or curricular approaches, students evaluate the knowledge, beliefs, and opinions developed from their years of academic studies and lives outside the classroom. The course focuses on the diversity and richness of different perspectives, and it explores the interdependent relationship between knowledge and culture. Students work to produce a Extended Essay by learning and applying strategies of high-level research, writing, and extended communication skills as they explore an academic subject of their choosing. Students will devote time to developing and demonstrating the affective skills that are a part of Creativity, Activity, and Service as well.

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LITERATURE HL YR1 IB

LITERATURE HL YR2 IB

School(s): **Huron**

Course #: **IB109100, IB109102**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1 Year each	0.5	English Elective	English 10	APPROVED

Literature HL Yr1 (Grade 11)

Literature HL Yr1 (IB) is the first year of a two-year course that teaches students to develop their analytical skills as it relates to reading, interpreting, presenting on, and writing about literature. The course will cover all CCSS for the English Language Arts. The course is intended for 11th grade students who are either enrolled in the Diploma Programme (DP) or are seeking a course-specific certificate in DP. The content of the course includes literature in a broad range of genres, including poetry, drama, fiction, and non-fiction prose from around the world. The performance expectations of the course will focus on reading, speaking and listening, and writing practices such as rhetorical analysis, literary analysis or close reading, historical and cultural research, oral interpretation of literature, small group discussions, and oral presentations. This course satisfies the Group 1: Language and Literature requirement for Full IB Diploma students.

Literature HL Yr2 (Grade 12)

Literature HL Yr2 (IB) is the second year of a two-year course that teaches students to develop their analytical skills as it relates to reading, interpreting, presenting on, and writing about literature. The course will cover all CCSS for the English Language Arts. The course is intended for 12th grade students who are either enrolled in the Diploma Programme (DP) or are seeking a course-specific certificate in DP. The content of the course includes literature in a broad range of genres, including poetry, drama, fiction, and non-fiction prose from around the world. The performance expectations of the course will focus on reading, speaking and listening, and writing practices such as rhetorical analysis, literary analysis or close reading, historical and cultural research, oral interpretation of literature, small group discussions, and oral presentations. This course satisfies the Group 1: Language and Literature requirement for Full IB Diploma students.

LITERATURE, LANGUAGE AND HL YR1 IB

LITERATURE, LANGUAGE AND HL YR2 IB

School(s): **Huron**

Course #: **IB109200, IB109202**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
Year each	0.5	English Elective		APPROVED

Language and Literature HL Yr1 (Grade 11)

Language and Literature HL Yr1 (IB) aims to develop skills of textual analysis and the understanding that texts, both literary and non-literary, can relate to culturally determined reading practices. The course also encourages students to question the meaning generated by language and texts. An understanding of the ways in which formal elements are used to create meaning in a text is combined with an exploration of how that meaning is affected by reading practices that are culturally defined and by the circumstances of production and reception. The study of literature in translation from other cultures is especially important to IB DP students because it contributes to a global perspective. Texts are chosen from a variety of sources, genres and media. This course satisfies the Group 1: Language and Literature requirement for Full IB Diploma students.

Language and Literature HL Yr2 (Grade 12)

The Language and Literature HL Yr2 (IB) course is the second year of a two-year course. The IB Language and Literature course aims to develop skills of textual analysis and the understanding that texts, both literary and non-literary, can relate to culturally determined reading practices. The course also encourages students to question the meaning generated by language and texts. An understanding of the ways in which formal elements are used to create meaning in a text is combined with an exploration of how that meaning is affected by reading practices that are culturally defined and by the circumstances of production and reception. The study of literature in translation from other cultures is especially important to IB DP students because it contributes to a global perspective. Texts are chosen from a variety of sources, genres and media. This course satisfies the Groups 1: Language and Literature requirement for Full IB Diploma students.

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ARABIC SL/HL YR1 IB

ARABIC SL YR2 IB

ARABIC HL YR2 IB

School(s): **Huron**

Course #: **IB506100, IB506121, IB506122**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
2 Term	0.5	World Language	Arabic II	APPROVED

Arabic SL/HL Yr1 (Grade 11)

Arabic SL/HL Yr1 (IB) focuses on the development of students' communicative competence in Arabic and their understanding of the culture(s) of Arabic-speaking countries. Students will learn to communicate about themselves and their immediate environment using simple sentences containing basic language structures. This communication is evidenced in all four language skills - listening, speaking, reading, and writing - with emphasis on the ability to communicate orally and in writing. The course allows students to access the target language by studying it as a beginner or as someone with prior experience of the language. This course satisfies the Group 2: Language, Acquisition requirement for Full IB Diploma students.

Arabic SL Yr2 (Grade 12)

Arabic SL Yr 2 (IB) is the second year of a two-year course, for students with an Intermediate /Advanced proficiency level of Arabic. It focuses on the development of students communicative competence in Arabic and their understanding of the culture(s) of Arabic-speaking countries. While acquiring a language, students will explore the culture(s) connected to it. The class is conducted entirely in Arabic and requires the student to be an independent and highly motivated learner. Students in this level will be able to discuss a topic in writing and speaking about cultural differences between Arabic speaking countries and other parts of the world in the target language. This course satisfies the Group 2: Language, Acquisition requirement for Full IB Diploma students.

Arabic HL Yr2 (Grade 12)

Arabic HL Yr 2 (IB) is the second year of a two-year course, for students with Advanced Proficiency level of Arabic. It focuses on the development of students communicative competence in Arabic and their understanding of the culture(s) of Arabic-speaking countries. While acquiring a language, students will explore the culture(s) connected to it. The class is conducted entirely in Arabic and requires the student to be an independent and highly motivated learner. Students in this level will be able to discuss a topic in writing and speaking about cultural differences between Arabic speaking countries and other parts of the world in the target language. This course satisfies the Group 2: Language, Acquisition requirement for Full IB Diploma students.

CHINESE, MANDARIN AB INITIO SL YR IB

CHINESE, MANDARIN AB INITIO SL YR2 IB

School(s): **Huron**

Course #: **IB509211, IB509212**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
2 Terms	0.5	World Language	None	APPROVED

Chinese, Mandarin Ab Initio Yr1 (Grade 11)

Mandarin Chinese ab initio year I course is an entry-level course, no pre-requirement. The purpose for this course is for DP students with opportunities to practice and explore the beginning level Mandarin Chinese as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a range of everyday situations. Mandarin Chinese ab initio is available at Standard Level only. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

Chinese, Mandarin Ab Initio Yr2 (Grade 12)

Mandarin Chinese ab initio year 2 course is a novice mid/high level course, which requires students to finish Mandarin Chinese ab initio year I. The purpose for this course is for DP students with opportunities to practice and explore the second year Mandarin Chinese as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a range of contexts and for a variety of purposes. Mandarin Chinese ab initio is available at Standard Level only. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

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CHINESE, MANDARIN SL/HL YR1 IB

CHINESE, MANDARIN SL YR2 IB

CHINESE, MANDARIN HL YR2 IB

School(s): **Huron**

Course #: **IB509200, IB509201, IB509202**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
2 Terms	0.5	World Language	Chinese, Mandarin II	APPROVED

Chinese, Mandarin SL/HL Yr1 (Grade 11)

Chinese, Mandarin SL/HL Yr I (IB) is the first year of a two-year course, for students with an intermediate proficiency level of Mandarin. Through the development of receptive, productive and interactive skills, students should be able to develop mastery of Chinese language skills and intercultural understanding. The core topics are Communication and media, Global issues, and Social relationships. The option topics are: Customs and traditions, and Leisure, etc. This course also prepares students to the DP internal and external assessments. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

Chinese, Mandarin SL Yr2 (Grade 12)

Chinese, Mandarin SL Yr 2 (IB) is the second year of a two-year course, for students with an Intermediate /advanced proficiency level of Mandarin Chinese. Through the development of receptive, productive and interactive skills, students should be able to develop Chinese skills through the study and use of a range of written and spoken authentic materials. Such materials will extend from everyday oral exchanges to literary texts, and will be related to the Chinese culture(s). The core topics are: Communication and media, Global issue and Social relationships. The option topics are: Customs and traditions, and Cultural diversity, etc. This course also prepares students to the DP internal and external assessments. This course satisfies the Group 2: Language, Acquisition requirement for Full IB Diploma students.

Chinese, Mandarin HL Yr2 (Grade 12)

Chinese, Mandarin HL Yr 2 (IB) is the second year of a two-year course, for students with Advanced Proficiency level of Mandarin Chinese. There is a common syllabus at SL and HL (with literature as an additional component of the HL course). The authentic materials are chosen to enable students to master high level language skills and intercultural understanding. The differences between SL and HL are determined by the assessment objectives, the depth and breadth of syllabus coverage, the assessment details, the assessment criteria, and literature coverage. This course satisfies the Group 2: Language, Acquisition requirement for Full IB Diploma students.

FRENCH AB INITIO SL YR1 IB

FRENCH AB INITIO SL YR2 IB

School(s): **Huron**

Course #: **IB501101, IB501102**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
2 Terms	0.5	World Language	None	APPROVED

French Ab Initio Yr1 (Grade 11)

French ab initio year 1 course is a novice low-high level course, no pre-requirement. The purpose for this course is for DP students with opportunities to practice and explore the beginning level French as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a defined range of everyday situations. French ab initio is available at SL only. The topics are: Who am I?, Daily Routine, Gastronomy (art of food), Getting there, Getting around, Health, and Free time activities. This course satisfies the Group 2: Language Acquisition requirement for the IB Diploma Programme. This course adheres to the standards adopted by the State of Michigan. Students enrolled in the Ab Initio languages do not need to have any prior experience with the language.

French Ab Initio Yr2 (Grade 12)

French ab initio year 2 course is a Novice Mid/high level course, which requests students to finish ab initio year 1. The purpose for this course is for DP students with opportunities to practice and explore the third year of French as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a defined range of everyday situations. French ab initio is available at SL only. The topics are: What is "la Francophonie" ?, la musique, La technologie, and l'environnement. This course satisfies the Group 2: Language Acquisition requirement for the IB Diploma Programme. This course adheres to the standards adopted by the State of Michigan.

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FRENCH SL/HL YR1 IB

FRENCH SL YR2 IB

FRENCH HL YR2 IB

School(s): **Huron**

Course #: **IB509300, IB509301, IB509302**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1 Year each	0.5	World Language	French II	APPROVED

French SL/HL Yr1 (Grade 11)

French SL/HL Yr 1 (IB) is the first year of a two-year course that approaches the learning of French through culturally contextualized units. Through the study of thematic units students will explore French-speaking culture around the world, while simultaneously increasing their proficiency. During this first year course all students will read an authentic piece of French-language literature. Students will build the necessary skills to reach the assessment objectives of the French Language B Course by expanding their receptive, productive, and interactive skills. The class will be conducted in French. In addition, all reading, writing, and oral dialogues and presentations will be in French. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

French SL Yr2 (Grade 12)

French SL Yr 2 (IB) is the second year of a two-year course. The French SL/HL (IB) class approaches the learning of French through culturally contextualized units. Through the study of thematic units students will explore French-speaking culture around the world, while simultaneously increasing their proficiency. During this second year of the two-year course all students will read an authentic piece of French-language literature. Students will build the necessary skills to reach the assessment objectives of the French Language B Course by expanding their receptive, productive, and interactive skills. The class will be conducted in French. In addition, all reading, writing, and oral dialogues and presentations will be in French. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

French HL Yr 2 (Grade 12)

French HL Yr 2 (IB) is the second year of a two-year course. The French SL/HL (IB) class approaches the learning of French through culturally contextualized units. Through the study of thematic units students will explore French-speaking culture around the world, while simultaneously increasing their proficiency. During the course of this second year students will read another authentic piece of French-language literature. Students will build the necessary skills to reach the assessment objectives of the French Language B Course by expanding their receptive, productive, and interactive skills. The class will be conducted in French. In addition, all reading, writing, and oral dialogues and presentations will be in French. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

GERMAN AB INITIO SL YR1 IB

GERMAN AB INITIO SL YR2 IB

School(s): **Huron**

Course #: **IB502101, IB502102**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
2 Terms	0.5	World Language		APPROVED

German Ab Initio Yr1 (Grade 11)

German ab initio ("from the beginning") year 1 course designed for 11th grade students who are enrolled in the Full IB Diploma Programme. This course adheres to the standards adopted by the State of Michigan. Students enrolled in the Ab Initio languages do not need to have any prior experience with the language. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

German Ab Initio Yr2 (Grade 12)

German ab initio ("from the beginning") year 2 course designed for 12th grade students who are enrolled in the Full IB Diploma Programme. This course adheres to the standards adopted by the State of Michigan. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

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GERMAN SL/HL YR1 IB

GERMAN SL YR2 IB

GERMAN HL YR2 IB

School(s): **Huron**

Course #: **IB509400, IB509401, IB509402**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1 Year each	0.5	World Language	German II	APPROVED

German SL/HL Yr1 (Grade 11)

German SL/HL Yr1 (IB) is the first year of a two-year course. This course provides students with the opportunity to promote an understanding of other cultures through the study of language. This two year course is intended for 11th and 12th grade students and designed for students who possess a degree of knowledge and experience in German. This course satisfies the foreign language requirement for Full IB Diploma students. Selecting the Higher Level option in senior year should be able to follow university courses in German. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

German SL Yr2 (Grade 12)

German SL Yr2 (IB) is the second year of a two-year course. This course provides students with the opportunity to promote an understanding of other cultures through the study of language. This two year course is intended for 11th and 12th grade students and designed for students who possess a degree of knowledge and experience in German. This course satisfies the foreign language requirement for Full IB Diploma students. Selecting the Higher Level option in senior year should be able to follow university courses in German. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

German HL Yr2 (Grade 12)

German HL Yr2 (IB) is the second year of a two-year course. This course provides students with the opportunity to promote an understanding of other cultures through the study of language. This two year course is intended for 11th and 12th grade students and designed for students who possess a degree of knowledge and experience in German. This course satisfies the foreign language requirement for Full IB Diploma students. Selecting the Higher Level option in senior year should be able to follow university courses in German. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

International Baccalaureate (IB)

SPANISH SL/HL YR1 IB SPANISH SL YR2 IB SPANISH HL YR2 IB

School(s): **Huron**

Course #: **IB509600, IB509601, IB509602**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
2 Terms	0.5	World Language	Spanish II	APPROVED

Spanish B SL/HL Yr1 (Grade 11)

Spanish SL/HL Yr 1 (IB) is the first year of a two-year course that approaches the learning of Spanish through culturally contextualized units. Through the study of core and options themes students will explore Spanish-speaking culture around the world, while simultaneously increasing their proficiency. During the course of this first year students will read an authentic piece of Spanish-language literature. Students will build the necessary skills to reach the assessment objectives of the Spanish Language B Course by expanding their receptive, productive, and interactive skills. All of the course will be conducted in Spanish. In addition, all reading, writing, and oral dialogues and presentations will be in Spanish. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

Students must complete Spanish B SL/HL Yr1 in Grade 11 before taking Spanish B SL or HL Yr2 in Grade 12.

Spanish B SL Yr2 (Grade 12)

Spanish SL Yr 2 (IB) is the second year of a two-year course that approaches the learning of Spanish through culturally contextualized units. Through the study of core and options themes students will explore Spanish-speaking culture around the world, while simultaneously increasing their proficiency. Students will build the necessary skills to reach the assessment objectives of the Spanish Language B Course by expanding their receptive, productive, and interactive skills. All of the course will be conducted in Spanish. In addition, all reading, writing, and oral dialogues and presentations will be in Spanish. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students

Spanish B HL Yr 2 (Grade 12)

Spanish HL Yr 2 (IB) is the second year of a two-year course that approaches the learning of Spanish through culturally contextualized units. Through the study of core and options themes students will explore Spanish-speaking culture around the world, while simultaneously increasing their proficiency. During the course of this second year students will read another authentic piece of Spanish-language literature. Students will build the necessary skills to reach the assessment objectives of the Spanish Language B Course by expanding their receptive, productive, and interactive skills. All of the course will be conducted in Spanish. In addition, all reading, writing, and oral dialogues and presentations will be in Spanish. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

International Baccalaureate (IB)

BUSINESS AND MANAGEMENT SL IB

School(s): **Huron**

Course #: **IB619100**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1 Year	0.5		None	

Business and Management SL (IB) is intended to help students develop their understanding of the fundamental concepts of Business and management. The course will cover all of the business and management related standards adopted by the State of Michigan. This course is intended for 11th and 12th grade students. The performance expectations of the course will focus on business and management practices such as; employing information management techniques and strategies to assist in decision-making, planning and time management, managing customer relationships, understanding day-to-day business activities, risk management strategies, human resources, and operational and functional aspects of management. This course satisfies the Group 3: Individuals and Societies requirement for Full IB Diploma students.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA).

This is a State-Approved CTE course. Students are eligible, upon successful completion of this program (2 semesters or at least 2 trimesters), to substitute this course for the following graduation credits:

1 credit of World Language

1 credit of Science

Through a personal curriculum a State-Approved CTE course may substitute for a VPAA credit.

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

GLOBAL POLITICS SL IB

School(s): **Huron**

Course #: **IB209300**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1 Year	0.5	US Government & Economics	None	APPROVED

Global Politics SL (IB) allows students to explore basic fundamental political concepts. It is designed for students to develop an understanding of the local, national, international, and global dimensions of political activity and processes, as well to explore political issues affecting their own lives. The course is intended for 11th and 12th grade students, and will serve as a component of the IB Diploma Program. This course satisfies the Group 3: Individuals and Societies requirement for Full IB Diploma students.

HISTORY SL IB

School(s): **Huron**

Course #: **IB209101**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1 Year	0.5	US History & Geog	None	APPROVED

The History SL (IB) course is based on a comparative and multi-perspective approach to history. It is evidence-based and involves a rigorous exploration of the past with an emphasis on developing the thinking, writing and research skills of historians. The course examines topics in modern US History viewed through a global lens. Case studies include: World War2, US Civil Rights Movement, Apartheid in South Africa, Cold War, Vietnam War.

The content of this course will cover all the Michigan High School Social Studies Content Expectations for US History and Geography. The course also satisfies the Group 3: Individual and Societies requirement for full IB Diploma students.

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

International Baccalaureate (IB)

HISTORY HL YR 1 IB HISTORY HL YR 2 IB

School(s): **Huron**

Course #: **IB209200, IB209201**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1 Year each	0.5	US History & Geog	None	APPROVED

History HL Yr1 (Grade 11)

The History HL Yr1 (IB) is the first year of a two-year course that is based on a comparative and multi-perspective approach to history. It is evidence-based and involves a rigorous exploration of the past with an emphasis on developing the thinking, writing and research skills of historians. The course examines topics in moderns US History viewed through a global lens. Case studies include: World War2, US Civil Rights Movement, Apartheid in South Africa, Cold War, Vietnam War.

The content of this course will cover all the Michigan High School Social Studies Content Expectations for US History and Geography. This course satisfies the Group 3: Individual and Societies requirement for full IB Diploma students. Students will move on to History HL Yr2 after taking this course.

History HL Yr2 (Grade 12)

The History HL Yr2 (IB) course is the second year of a two-year course focused on the craft of being historians as we dive deep into different topics in European History. We will develop our writing, debating and critical analysis skills. Case studies include: The French Revolution and Napoleon, Imperial Russia, revolution, and the establishment of the Soviet Union, Inter-war domestic developments in European States, and lastly, the Soviet Union and Post-Soviet Russia. All case studies will be aligned with the Diploma Programme's prescribed topic guide and meant to prepare students for the DP History HL test. Most importantly we will practice empathy for people through space and time in the hopes of learning something about the human experience and ourselves. This course satisfies the Group 3: Individual and Societies requirement for full IB Diploma students.

PSYCHOLOGY SL IB

School(s): **Huron**

Course #: **IB209400**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1 Year	0.5		None	APPROVED

The Psychology SL (IB) course aims are to teach the students major principles in the field of Psychology, to understand research methods, and to educate students about human behavior and cognition. The course content will focus on biological, cognitive and sociocultural levels of analysis through the evaluation of research studies and theories. Students will also conduct an experiment and write a report on findings. They will also explore one of the following research topics in depth: abnormal psychology, developmental psychology, health psychology, psychology of human relationships. The goal of the course is to teach students how to be critical thinkers, analyze research, explore research methods and to understand the relationship between biopsychosocial events and our behaviors and mental processes. This course satisfies the Group 3: Individuals and Societies requirement for Full IB Diploma students.

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

International Baccalaureate (IB)

BIOLOGY SL/HL YR1 IB

BIOLOGY SL YR2 IB

BIOLOGY HL YR2 IB

School(s): **Huron**

Course #: **IB409100, IB409101, IB409102**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1 Year	0.5		Biology IB or Biology	APPROVED

Students electing the following three courses participate in assessment components designed to ensure academic challenge consistent with IB standards. The course work and assessments represent longer-term projects or investigations that are scored based on criteria established by IB. Additionally, assessments include multiple choice short answer and extended response questions that require analysis of data and experimental work.

Biology SL/HL Yr1 (Grade 11)

Biology SL/HL Yr1 (IB) is the first year of a two-year course that is intended to help students develop their understanding of the fundamental concepts of biology. This course will deepen and add breadth to the knowledge and practices that are included in the Next Generation Science Standards (NGSS) and will address all expectations of the International Baccalaureate Organization. This two year course is intended for students to begin in grade 11 and will proceed with the expectation that students are proficient with the content addressed in the Biology, Chemistry 1, Physics 1, Earth Science sequence. It will serve as a continuation of the Biology 1 course, building on the content and skills acquired in 9th grade. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Biology SL/HL Yr2 (Grade 12)

Biology SL Yr2 (IB) is the second year of a two-year course that is intended to help students develop their understanding of the fundamental concepts of biology. This course will deepen and add breadth to the knowledge and practices that are included in the Next Generation Science Standards (NGSS) and will address all expectations of the International Baccalaureate Organization. This two year course is intended for students to begin in grade 11 and will proceed with the expectation that students are proficient with the content addressed in the Biology, Chemistry 1, Physics 1, Earth Science sequence. It will serve as a continuation of the Biology 1 course, building on the content and skills acquired in 9th grade. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

International Baccalaureate (IB)

CHEMISTRY SL/HL YR1 IB

CHEMISTRY SL YR2 IB

CHEMISTRY HL YR2 IB

School(s): **Huron**

Course #: **IB409200, IB409201, IB409202**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1 Year each	0.5	Science Elective	Chemistry I	APPROVED

Students electing the following three courses participate in assessment components designed to ensure academic challenge consistent with IB standards. The course work and assessments represent longer-term projects or investigations that are scored based on criteria established by IB. Additionally, assessments include multiple choice short answer and extended response questions that require analysis of data and experimental work.

Chemistry SL/HL Yr1 (Grade 11)

Chemistry SL/HL Yr1 (IB) is the first year of a two-year course intended to help students develop their understanding of the fundamental concepts of chemistry. The course will deepen student understanding and add breadth to the chemistry-related physical science standards adopted by the State of Michigan in 2015. This course is intended for 11th grade students and follows the MYP Biology/Chemistry/Physics, and Earth Science sequence. It will provide a rigorous student experience that will prepare students for college level science courses. This course will also meet the requirements of the International Baccalaureate. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. This course has a significant amount of time allocated to laboratory experiments. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Chemistry SL/HL Yr2 (Grade 12)

Chemistry SL Yr 2 (IB) is the second year of a two-year course intended to help students develop their understanding of the fundamental concepts of chemistry. The course will deepen student understanding and add breadth to the chemistry-related physical science standards adopted by the State of Michigan in 2015. This course is intended for 12th grade students and follows the MYP Biology/Chemistry/Physics, and Earth Science sequence. It will provide a rigorous student experience that will prepare students for college level science courses. This course will also meet the requirements of the International Baccalaureate. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

International Baccalaureate (IB)

COMPUTER SCIENCE SL/HL YR1 IB

COMPUTER SCIENCE SL YR2 IB

COMPUTER SCIENCE HL YR2 IB

School(s): **Huron**

Course #: **IB309400, IB309401, IB309402**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
Year each	0.5		Successful completion of Algebra I	APPROVED

Computer Science SL/HL Yr1 (Grade 11)

Computer Science SL/HL Yr1 is the first year of a two-year course that encourages the exploration of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. IBCS is engaging, accessible, inspiring and rigorous. It has the following characteristics. As part of the course, students will be enabled and empowered to develop innovation, exploration and the acquisition of further knowledge. The curriculum will present opportunities to explore and discuss how technology interacts and influences cultures, societies both at the collective and individual level.

Computational thinking - the ability to think procedurally, logically, concurrently, abstractly, recursively and think ahead - is woven throughout the course. The course itself utilizes an experimental and inquiry-based approach to problem-solving where students develop computational solutions to problems by developing algorithms (and express them clearly) and appreciate how theoretical and practical limitations affect the extent to which problems can be solved computationally. The abilities of identifying a problem (or unanswered question), design, prototype and test a proposed solution and ultimately liaise with clients to evaluate the success of the proposed solution and make recommendations for future developments are also developed throughout the course as part of the design cycle. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Computer Science SL/HL Yr2 (Grade 12)

Computer Science SL Yr2 (IB) is the second year of a two-year course. The course encourages the exploration of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. IBCS is engaging, accessible, inspiring and rigorous. It has the following characteristics. As part of the course, students will be enabled and empowered to develop innovation, exploration and the acquisition of further knowledge. The curriculum will present opportunities to explore and discuss how technology interacts and influences cultures, societies both at the collective and individual level.

Computational thinking - the ability to think procedurally, logically, concurrently, abstractly, recursively and think ahead - is woven throughout the course. The course itself utilizes an experimental and inquiry-based approach to problem-solving where students develop computational solutions to problems by developing algorithms (and express them clearly) and appreciate how theoretical and practical limitations affect the extent to which problems can be solved computationally. The abilities of identifying a problem (or unanswered question), design, prototype and test a proposed solution and ultimately liaise with clients to evaluate the success of the proposed solution and make recommendations for future developments are also developed throughout the course as part of the design cycle. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

ENVIRONMENTAL SYSTEMS AND SOCIETIES SL/HL IB

ENVIRONMENTAL SYSTEMS AND SOCIETIES HL IB

School(s): **Huron**

Course #: **IB409400, IB409401**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1 Year	0.5	Earth Science		APPROVED

Students electing the following course participate in assessment components designed to ensure academic challenge consistent with IB standards. The course work and assessments represent longer-term projects or investigations that are scored based on criteria established by IB. Additionally, assessments include short answer and extended response questions that require analysis of data and experimental work.

Environmental Systems and Societies SL (IB) is an interdisciplinary course that studies the interaction of humans and the environment. The students will gain the knowledge and understanding of environmental systems and issues on a variety of levels. Environmental issues will be studied on personal, local and global levels, this will help students develop an awareness of environmental issues, make future environmental decisions and be motivated to be stewards for the environment. This course can satisfy the Group 4: Sciences or Group 3: Individuals and Societies requirement requirement for Full IB Diploma students.

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

International Baccalaureate (IB)

PHYSICS SL/HL YR1 IB

PHYSICS SL YR2 IB

PHYSICS HL YR2 IB

School(s): **Huron**

Course #: **IB409300, IB409301, IB409302**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1 Year each	0.5		Physics 1	APPROVED

DP Physics is an experimental science course in which students examine various aspects of the nature of the universe. The themes of Space and Time, the Particulate Nature of Matter, Wave Behavior, Fields, and Nuclear and Quantum Physics weave throughout the two-year course. Students will build and refine models through the use of data analysis and other mathematical methods. This course satisfies the Group 4: Sciences requirement for the Full IB Diploma students.

Physics SL/HL Yr1 (Grade 11)

Physics SL/HL Yr1 (IB) is the first year of a two-year 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. Despite the exciting and extraordinary development of ideas throughout the history of physics, observations remain essential to the very core of the subject. Models are developed to try to understand observations, and these models can become theories that attempt to explain the observations. Besides helping us better understand the natural world, physics gives us the ability to alter our environments. This raises the issue of the impact of physics on society, the moral and ethical dilemmas, and the social, economic and environmental implications of the work of physicists. By studying physics students should become aware of how scientists work and communicate with each other. While the scientific method may take on a wide variety of forms, it is the emphasis on a practical approach through experimental work that characterizes the subject. Teachers provide students with opportunities to develop manipulative skills, design investigations, collect data, analyze results and evaluate and communicate their findings. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Physics SL/HL Yr2 (Grade 12)

Physics SL Yr2 (IB) is the second year of a two-year 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. Despite the exciting and extraordinary development of ideas throughout the history of physics, observations remain essential to the very core of the subject. Models are developed to try to understand observations, and these models can become theories that attempt to explain the observations. Besides helping us better understand the natural world, physics gives us the ability to alter our environments. This raises the issue of the impact of physics on society, the moral and ethical dilemmas, and the social, economic and environmental implications of the work of physicists. By studying physics students should become aware of how scientists work and communicate with each other. While the scientific method may take on a wide variety of forms, it is the emphasis on a practical approach through experimental work that characterizes the subject. Teachers provide students with opportunities to develop manipulative skills, design investigations, collect data, analyze results and evaluate and communicate their findings. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

International Baccalaureate (IB)

MATH ANALYSIS AND APPROACHES SL YR1 IB MATH ANALYSIS AND APPROACHES SL YR2 IB

School(s): **Huron**

Course #: **IB309220, IB309221**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
Year each	0.5	Math Elective	see Math Sequence chart for Huron	APPROVED

Math Analysis and Approaches SL Yr1

The Analysis and Approaches SL (Yr 1) is the first year of a two year course that focuses on analytic methods with an emphasis on calculus - appropriate for pure mathematicians, engineers, scientists, economists, those with an interest in analytic methods. Content of the course includes work in number and algebra, functions, geometry and trigonometry, statistics and probability, and calculus. The subject is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or some economics courses. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

Math Analysis and Approaches SL Yr2

This course will build upon the content of the Yr. 1 course. The Analysis and Approaches SL (Yr 2) is the second year of a two year course that focuses on analytic methods with an emphasis on calculus and statistics - appropriate for pure mathematicians, engineers, scientists, economists, those with an interest in analytic methods. Content of the course includes work in number and algebra, functions, geometry and trigonometry, statistics and probability, and calculus. The subject is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or some economics courses. Students will be engaged in an internal and external assessment during year 2 of the course. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

MATH ANALYSIS AND APPROACHES HL YR1 IB MATH ANALYSIS AND APPROACHES HL YR2 IB

School(s): **Huron**

Course #: **IB309320, IB309321**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
Year each	0.5	Math Elective	see Math Sequence chart for Huron	APPROVED

Math Analysis and Approaches HL Yr1

The Analysis and Approaches HL (Yr. 1) and SL (Yr 1) are the first year of a two-year course that focuses on analytic methods with an emphasis on calculus - appropriate for pure mathematicians, engineers, scientists, economists, those with an interest in analytic methods. Content of the course includes work in number and algebra, functions, geometry and trigonometry, statistics and probability, and calculus. The subject is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or some economics courses. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students as well as prepares students for the AP Calculus BC exam.

Math Analysis and Approaches HL Yr2

This course will build upon the content of the Yr. 1 course. Analysis and Approaches HL (Yr. 2) is the second year of a two year course that focuses on analytic methods with an emphasis on statistics - appropriate for pure mathematicians, engineers, scientists, economists, those with an interest in analytic methods. Content of the course includes work in number and algebra, functions, geometry and trigonometry, statistics and probability, and calculus. The subject is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or some economics courses. Students will be engaged in an internal and external assessment during year 2 of this course. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

International Baccalaureate (IB)

MATH APPLICATIONS AND INTERPRETATION SL YR1 IB MATH APPLICATIONS AND INTERPRETATION SL YR2 IB

School(s): **Huron**

Course #: **IB309210, IB309211**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
Year each	0.5	Algebra 2 Credit after 3 semesters Math Elective	see Math Sequence chart for Huron	APPROVED

Math Applications and Interpretation SL Yr1 (Grade 11)

The Applications and Interpretation SL (Yr. 1) is the first year of a two year course that focuses on Applications and Interpretation with an emphasis on geometric applications in 2D and 3D space, introduction to statistics, modeling with linear functions, and use of technology - appropriate for those with an interest in the applications of mathematics and how technology can support this. This subject is aimed at students who will go on to study subjects such as social sciences, natural sciences, medicine, statistics, business, some economics course, psychology, and design. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

Math Applications and Interpretation SL Yr2

The Applications and Interpretation SL (Yr. 2) is the second year of a two year course that focuses on Applications and Interpretation with an emphasis on probability and statistics, power and trigonometric functions, differential calculus, integration, and use of technology - appropriate for those with an interest in the applications of mathematics and how technology can support this. Students will be engaged in an internal and external assessment during year 2 of the course. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

MATH APPLICATIONS AND INTERPRETATION HL YR1 IB MATH APPLICATIONS AND INTERPRETATION HL YR2 IB

School(s): **Huron**

Course #: **IB309310, IB309311**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
Year each	0.5	Math Elective	see Math Sequence chart for Huron	APPROVED

Math Applications and Interpretation HL Yr1

Applications and Interpretation HL (Yr. 1) is the first year of a two year course that focuses on Applications and Interpretation with an emphasis on statistics, modeling, and use of technology. This course is appropriate for those with an interest in the applications of mathematics and how technology can support this. This course is aimed at students who will go on to study subjects such as social sciences, natural sciences, medicine, statistics, business, economics, psychology, or design.

Year one of the course focuses on Functions, Trigonometry, Probability and Statistics. Some time will also be allocated to preparing for the internally assessed exploration that will be written in Year two of the course. Completion of both years of this course satisfies the Group 5: Mathematics requirement for Full IB Diploma students

Math Applications and Interpretation HL Yr2

Applications and Interpretation HL (Yr. 1) is the first year of a two year course that focuses on Applications and Interpretation with an emphasis on statistics, modeling, and use of technology. This course is appropriate for those with an interest in the applications of mathematics and how technology can support this. This course is aimed at students who will go on to study subjects such as social sciences, natural sciences, medicine, statistics, business, economics, psychology, or design.

Year two of the course focuses on Calculus, as well as a culminating internally assessed mathematical exploration. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. Completion of both years of this course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

International Baccalaureate (IB)

FILM SL/HL YR 1 IB

FILM SL YR 2 IB

FILM HL YR 2 IB

School(s): **Huron**

Course #: **IB109300, IB109301, IB109302**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
Year each	0.5	English Elective		

Film SL/HL Yr1 (Grade 11)

This is the first year of a two-year course. This two-year course aims to develop both a keen, inquiry-based appreciation and deep understanding of the art of cinema. In year one, international cinema across multiple genres will be examined and thoroughly analyzed through the lens of cultural, historical, technical, and aesthetic perspectives. The emphasis in year two shifts to film production, where students will be expected to apply their knowledge of film concepts, techniques, and influences in a collaborative, inquiry-based creative environment. This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

Students in 12th grade that wish to take Film SL/HL Year 1 can do so as an English elective course but will not be eligible for IB assessments that come in the end of the two-year experience.

Film SL Yr2 and Film HL Yr2 (Grade 12)

This course is the second year of a two-year course. The primary focus of DP Film II is film production, including the inquiry-based Film Portfolio (internal assessment) and HL Collaborative Project (internal assessment). Students will take a deep dive into several key roles of a film crew, including (but not limited to) screenwriter, director, cinematographer, sound designer, and editor. Students will shoot various exercises to gain experience in the various roles, as well as create and produce their own original projects in a collaborative, inquiry-based creative environment. Throughout the year, students will also continue to both analyze and synthesize film as they finish their work on the two required external assessments (Textual Analysis and Comparative Study). This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

International Baccalaureate (IB)

VISUAL ARTS SL/HL YR1 IB

VISUAL ARTS SL YR2 IB

VISUAL ARTS HL YR2 IB

School(s): **Huron**

Course #: **IB719100, IB719101, IB719102**

Grade(s): **11, 12**

<u>Duration:</u>	<u>Credit/Term</u>	<u>Meets Grad Requirements</u>	<u>Prerequisite:</u>	<u>NCAA Status</u>
1 year each (2 year course)	1.0 per year	VPAA	Art & Design	

This is a two-year course.

Visual Arts SL/HL Yr1 (Grade 11)

The Visual Arts SL/HL Yr1 is the first year of a two-year course that encourages students to challenge their own creative and cultural expectations and boundaries. This course promotes higher order thinking and reflection amongst students, while at the same time developing heightened technical ability in multiple media. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to experiment with and reflect upon their work in multiple mediums. The course is designed for students who have an interest in post-secondary visual arts as well as those who are interested in developing a lifelong love of the subject. The role of the teacher in this course is to organize their students in a studio environment and provide engaged support for the individual exploration of art. This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

Visual Arts SL Yr2 (Grade 12)

Visual Arts SL Yr2 (IB) is the second year of a two-year course that encourages students to challenge their own creative and cultural expectations and boundaries. This course promotes higher order thinking and reflection amongst students, while at the same time developing heightened technical ability in multiple media. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to experiment with and reflect upon their work in multiple mediums. The course is designed for students who have an interest in post-secondary visual arts as well as those who are interested in developing a lifelong love of the subject. The role of the teacher in this course is to organize their students in a studio environment and provide engaged support for the individual exploration of art. This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

Visual Arts HL Yr2 (Grade 12)

Visual Arts HL Yr2 (IB) is the second year of a two-year course that encourages students to challenge their own creative and cultural expectations and boundaries. This course promotes higher order thinking and reflection amongst students, while at the same time developing heightened technical ability in multiple media. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to experiment with and reflect upon their work in multiple mediums. The course is designed for students who have an interest in post-secondary visual arts as well as those who are interested in developing a lifelong love of the subject. The role of the teacher in this course is to organize their students in a studio environment and provide engaged support for the individual exploration of art. This course satisfies the Group 6: Arts requirement for Full IB Diploma students.