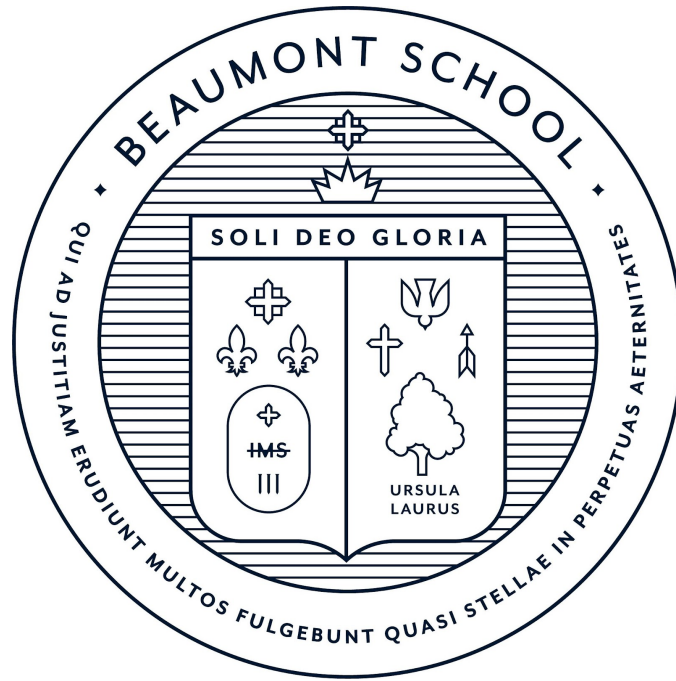


B Beaumont School



2023-2024 Curriculum Guide

MISSION STATEMENT

Beaumont School is a Catholic school in the Ursuline tradition that educates women for life, leadership and service.

Beaumont is dedicated to a college preparatory and International Baccalaureate liberal arts education that is rooted in Jesus Christ and inspired by the spirit of Saint Angela. The single sex, culturally diverse learning environment encourages every student to develop the qualities she needs to thrive personally, spiritually, and professionally in an evolving global society.

Beaumont is sponsored by the Ursuline Sisters of Cleveland in collaboration with its lay educators. Beaumont is dedicated to Catholic, college preparatory liberal arts education for young women in a multicultural setting.

STATEMENT OF BELIEFS

1. Beaumont School cultivates its Catholic Christian identity and instills Ursuline values, heritage, history, and the spirit of St. Angela within its programs and activities.
2. Beaumont School embraces a strong spiritual formation that cultivates faith development and encourages the creation of a nurturing spirit in its students and the Beaumont community.
3. Beaumont School fosters respect for the uniqueness of its individual community members and promotes the development of the whole person.
4. Beaumont School supports faith-based living and leadership in a global community while striving for peace and justice.
5. Beaumont School ensures that service permeates every aspect of the Beaumont community.
6. Beaumont School inspires intellectual curiosity, independent thinking, the pursuit of academic excellence, and a sense of responsibility for the common good.
7. Beaumont School engenders the educational philosophy of the International Baccalaureate program by developing students who are open-minded, intellectual risk-takers, articulate, caring, principled, reflective and well-balanced.

COURSE SELECTION FOR 2023-2024

IMPORTANT DATES

Jan. 23 – Feb. 24..... Scheduling in Group Guidance classes

*Curriculum Guide Overview

*Four-Year Plans

*Planning the next academic year/meeting Beaumont requirements

*Course Selection Forms

*Honors/ IB Forms, Course Overrides, PE Credit Flex, Special Scheduling Requests

Jan. 30 - Feb. 17 Teacher advising/ IB & Special Program Presentations in Group Guidance

Feb. 27 – Mar. 3.....Course registration in Group Guidance

Master schedule will be built based on course registration forms submitted by **March 3, 2023**.

Late registration forms will be given lower priority for courses requested, regardless of grade level.

****dates subject to change due to possible calamity days****

Beaumont reserves the right to...

...cancel courses due to lack of enrollment.

...change a course if the scheduler is unable to schedule the course requested with an alternate course indicated on the course selection sheet.

...change a course/class if the scheduler needs to balance courses/classes

GENERAL POLICIES

1. Required courses must be taken at Beaumont. Permission is granted by the principal for special circumstances.
2. Accelerated/special interest summer school courses taken at accredited high schools will transfer and the credit will be added to the student's transcript. The grade is not included in the grade point average.
3. Accelerated/special interest summer school enrichment courses/activities taken at a college may be listed on the transcript but high school credit will not be given nor factored into the student's GPA.
4. When a failing grade is made up by re-enrolling in the course at Beaumont, credit is accepted and the make-up grade will be included in the GPA. When a failing grade is made up outside of Beaumont, with a school approved tutor or at another state certified high school, the credit will be accepted but the make-up grade is not included in the GPA.
5. In some instances, when a student earns an F grade in one semester of a one credit course, the student may continue in the class with teacher and administration approval. In some instances, if the student earns a C or higher in the subsequent semester of the course, the F grade will be changed to a D and the D grade will then be averaged into the GPA. If a student fails a one semester course, they will need to retake the course to receive credit.
6. Beaumont does not rank its students, but provides a grade distribution chart for college acceptance purposes.
7. Beaumont's grade point average accumulates each semester.
8. The service grade will appear on the student's transcript. In order to be eligible for a Beaumont diploma, students must complete a minimum of 80 hours of service as follows: 25 hours during 9th Grade, 25 hours during 10th Grade and 30 hours for the Junior Service Project. Hours do not carry over. For Junior Service Project, an incomplete or late project results in a failing grade which permanently remains on the student's transcript. In addition, seniors who have not completed the Junior Service Project will not be granted senior privileges or ILT's until the project is completed.
9. Completion of Project R.E.A.L. will be recorded on the student transcript with a pass/fail grade. Students who do not complete Project R.E.A.L., and who are not exempted from Project R.E.A.L. due to AP/IB exams, will not be eligible for a Beaumont diploma.

10. Students who complete two full seasons of participation on an interscholastic athletic team or marching band with summer camp may qualify to have their participation in physical education classes waived as part of their graduation requirements. Currently, students are required to complete .5 credits of Physical Education for graduation (two semesters of PE where each semester physical education class yields .25 credits.) Traditional physical education courses require a minimum of 120 hours of course instruction to earn .5 credits. According to Ohio Revised Code 3313.603(L), a nonpublic school may adopt a policy to excuse from the high school physical education requirement each student who, during high school, has participated in interscholastic athletics for at least two full seasons for at least two full school years or marching band with summer camp. "Interscholastic athletics" is defined as and limited to only those sports teams that are approved and sponsored by Beaumont School and the Ohio High School Athletic Association. Participation in other teams or athletic activities does not qualify for PE waiver according to these guidelines. A season where a student quits or is cut does not count toward the two-season minimum requirement.

At Beaumont a student may apply to waive .5 credits of PE after successful completion of two full seasons of interscholastic athletics or marching band with band camp in summer and the submission and approval of this Application for Waiver of Physical Education Graduation Requirement.

Students may also take PE at School, may take Summer PE, or may inquire about Credit Flexibility opportunities to earn PE credit.

11. Beaumont reserves the right to revise policies as necessary. Revisions, deletions and additions will be publicized as they are made.

POLICIES FOR TRANSFER STUDENTS

1. A student's grades from a previous accredited school will be accepted and credit granted for all courses.
2. The student's grades from her previous school will not be included in the cumulative GPA.
3. Beaumont does not rank its students but provides a grade distribution chart for college acceptance purposes.
4. Placement tests may be given to students to help determine course selections.
5. When applying to college, the Guidance Department will send two transcripts to the college, Beaumont's and the student's former school transcript.
6. Beaumont reserves the right to revise policies as necessary. Revisions, deletions and additions will be promulgated as they are made.

GRADUATION REQUIREMENTS

Theology	4 credits
English	4 credits
Mathematics	4 credits
Science	4 credits
Language	3 credits
Social Studies	3 credits
Physical Education/Health	1 credit
Fine Arts	1 credit
Electives	1 credit
Technology	1 credit*

* A waiver is available for .5 Technology credit for students completing 4-credit art or music programs. High School credits earned in middle school will be noted on the transcript and used to determine placement, but do not apply towards Beaumont graduation requirements in the top 6 curricular areas in the table above.

Graduation Seals*

In addition to fulfilling curriculum requirements and meeting the competency requirements listed above, students also must show they are prepared for their next steps after high school. State law created 12 diploma seals for students to demonstrate academic, technical and professional readiness for careers, college, the military or self-sustaining professions. Each seal allows students to demonstrate knowledge and skills essential for future success in their chosen post-high school paths. Students will demonstrate readiness by earning at least two diploma seals, one of which must be state defined. Seals help students develop an array of critical skills that are valuable to them as they transition to the next steps after high school. Schools should consider encouraging students to pursue seals that meet their individual interests and skills. Graduation planning will be an important step in supporting students in earning their seals.

Local Guidelines for Ohio Graduation Seals for Beaumont School

- Community Service Seal - Complete Junior Service Project or IB CAS

We are also offering the state guideline-outlined Citizenship and Science Seal

- Citizenship Seal -
 - Earn a final course grade that is equivalent to a “B-” or higher in an American History **AND** American Government course
 - Earn a score equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate test in US History **AND** US Government (2 or higher on APUSH and US Government and Politics; 3 or higher on IB SL or 2 or higher in IB HL History - route two - including study of the history of the Americas and Global Politics.)
results not available until July after graduation
- Science Seal -
 - Earn a final course grade that is equivalent to a “B-” or higher in an Advanced Science course (anything “above” Biology and Physical Science)

- Earn a score equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate science test (2 or higher on ONE AP course **OR** 3 or higher on ONE IB SL **OR** 2 or higher on ONE IB HL) *results not available until July after graduation*
- Technology Seal qualifications will be analyzed when a student does not meet two of the typically offered seals above.

Dependent on State of Ohio implementation

HONORS DIPLOMAS

Students must meet all but one of the criteria in a given category for an honors diploma in that category.

Criterion	Academic Honors Diploma	International Baccalaureate Honors Diploma
Math	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	4 units, including 2 units of advanced science	4 units, biology, chemistry, and least one additional advanced science
Social Studies	4 units	4 units
World Languages	3 units of one world language or no less than 2 units of each of two world languages studied	4 units minimum, with at least 2 units in each language studied
Fine Arts	1 unit	1 unit
Electives	N/A	N/A
GPA	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT	27 ACT/1280 SAT	27 ACT/1280 SAT
Field Experience	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio		Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts

BEAUMONT SCHOOL TESTING PROGRAM

Year	Month	Test	Purpose
Sophomore	October	PreACT	A multiple-choice test aimed at preparing 10th grade students for the ACT
	March	IOWA Assessments	The IOWA Assessments are achievement tests that assess students' skills in Reading, Language, Mathematics, Social Studies, and Science. The tests assess both foundational skills and higher-order thinking skills. State Testing Requirement.
	May	AP Government (if applicable)	AP exams assess your knowledge of AP course material and determine whether you are qualified to test out of similar introductory courses in college.
Junior	October	PSAT	A practice test for the SAT that's offered every fall. It serves as a qualifying test for the National Merit Scholarship Program
	March	ACT	To determine college readiness based on one common scale in which all applicants are measured.
	May	IB (if applicable)	Assessments taken at the completion of an IB course. These written, external assessments are given over a two day period and evaluate a criterion-based mastery of the IB course. A high score combined with internal assessment marks could lead to potential college credit.
Senior	May	AP (if applicable)	AP exams assess your knowledge of AP course material and determine whether you are qualified to test out of similar introductory courses in college.
	May	IB (if applicable)	Assessments taken at the completion of an IB course. These written, external assessments are given over a two day period and evaluate a criterion-based mastery of the IB course. A high score combined with internal assessment marks could lead to potential college credit.

GENERAL GUIDELINES FOR PLANNING COURSES

Each student is required to register for 7 classes each semester, complete 80-hour service

requirement and pass IOWA Assessments. Furthermore, students not taking any end-of-year AP or IB exams need to earn a passing grade for Project R.E.A.L.

Students should check the requirements of the college of their choice early in their high school years to avoid any misunderstanding or disappointment.

GENERAL CRITERIA FOR HONORS, AP & IB COURSES

1. Student must demonstrate that she is an independent, self-directed learner.
2. Student must demonstrate an interest in in-depth learning.
3. Student is required to have an ability to integrate areas of learning.
4. Student must have an ability to focus on open-ended tasks.
5. Student is required to complete all pre-requisites in order to enroll in an Honors, AP & IB courses.
6. Before enrolling, the student should discuss the decision to enroll with her parent/guardian and classroom teacher.
7. Any student who wishes to register, must get a form signed by a parent/guardian, teacher and student.
8. **AP/IB Exams are a requirement for all AP/IB classes.**

SCHEDULE CHANGES

Schedule changes may be initiated by the administration when:

1. An error is made with the schedule.
2. A student lacks the prerequisite.
3. A student enrolls in a course in which she has previously earned credit.
4. The scheduler is unable to schedule the offering or the alternates as indicated on the student course selection sheet.
5. The scheduler needs to balance classes.
6. The teacher/counselor suggests a change.
7. There is lack of sufficient enrollment to offer a class.

For changes due to reasons listed above, the administration will make the change and no fee is required. Any student or parent initiated change will require a fee of \$35.00 and will be considered only as space is available. Such changes are processed through the Guidance Department and will require notification by a parent/guardian. The school reserves the right to make a final judgment on whether a student's request for a change will be honored.

DROP/ADD POLICY

A course change may occur within the **first two weeks of a course**. The fee to drop/add is \$35.00.

CREDIT FLEX INFORMATION

Ohio Senate Bill 311 allows alternate pathways for students to receive high school credit by broadening the scope of curricular options available to students, by increasing the depth of study available for a particular subject and by tailoring the learning time or conditions. In these ways, students can customize aspects of their learning around more of their interests and needs.

A credit flex opportunity at Beaumont School is a student owned learning opportunity that:

- Provides more choice and autonomy in deciding how, when and where students learn.
- Provides more options for individually suited pathways to post-secondary and career goals.
- Provides acceleration and convenience including more options for courses in the school schedule

Students interested in earning credit through the Credit Flexibility Plan (CFP) need to notify the Guidance Department by March 31 and apply by the deadline dates (June 1 for first semester and Dec. 1 for the second semester). The Credit Flex Information and Guidelines may be obtained from the Guidance Department.

SPECIAL PROGRAMS

ACADEMIC SCHOLARS PROGRAM

Beaumont's Academic Scholars Program offers academically talented students extended educational opportunities to augment Beaumont's challenging and rigorous college preparatory curriculum.

Eligibility

No additional application is needed to be considered for the Academic Scholars Program. Invitations to participate in the program are extended to students who:

Score 90% or above on the composite portion of the High School Placement Test or 90% or above on the composite score of the Iowa Tests of Basic Skills.

Has earned grades of B+ or higher in the seventh and eighth grade.

Beaumont Scholars

Engage in learning experiences that challenge girls to discover and develop their highest potential

Look to be successful in some of the most complex and competitive fields

Participate in challenging learning experiences that enhance students' knowledge, understanding and skills required for success in college

Experience many opportunities to explore complex subject matter

Build confidence and take responsibility for the future

To remain a scholar, as student must...

Enroll in at least two honors/AP/IB courses per year.

Meet or exceed the course requirements for students earning an honors diploma.

Attend one school-sponsored Scholars field trip held at the end of quarter 1, 2, or 3 during freshman/sophomore years.

Work with a mentor on an independent study project approved by the Scholars program director during junior/senior years.

Participate in at least one academic contest or academic summer program per year: i.e. writing, science fair, speech, mock trial, Model UN. Maintain a 3.8 cumulative grade point average.



IB learner profile

The aim of all IB programmes is to develop internationally minded people who, recognizing their common humanity and shared guardianship of the planet, help to create a better and more peaceful world.

As IB learners we strive to be:

INQUIRERS

We nurture our curiosity, developing skills for inquiry and research. We know how to learn independently and with others. We learn with enthusiasm and sustain our love of learning throughout life.

KNOWLEDGEABLE

We develop and use conceptual understanding, exploring knowledge across a range of disciplines. We engage with issues and ideas that have local and global significance.

THINKERS

We use critical and creative thinking skills to analyse and take responsible action on complex problems. We exercise initiative in making reasoned, ethical decisions.

COMMUNICATORS

We express ourselves confidently and creatively in more than one language and in many ways. We collaborate effectively, listening carefully to the perspectives of other individuals and groups.

PRINCIPLED

We act with integrity and honesty, with a strong sense of fairness and justice, and with respect for the dignity and rights of people everywhere. We take responsibility for our actions and their consequences.

OPEN-MINDED

We critically appreciate our own cultures and personal histories, as well as the values and traditions of others. We seek and evaluate a range of points of view, and we are willing to grow from the experience.

CARING

We show empathy, compassion and respect. We have a commitment to service, and we act to make a positive difference in the lives of others and in the world around us.

RISK-TAKERS

We approach uncertainty with forethought and determination; we work independently and cooperatively to explore new ideas and innovative strategies. We are resourceful and resilient in the face of challenges and change.

BALANCED

We understand the importance of balancing different aspects of our lives—intellectual, physical, and emotional—to achieve well-being for ourselves and others. We recognize our interdependence with other people and with the world in which we live.

REFLECTIVE

We thoughtfully consider the world and our own ideas and experience. We work to understand our strengths and weaknesses in order to support our learning and personal development.

The IB learner profile represents 10 attributes valued by IB World Schools. We believe these attributes, and others like them, can help individuals and groups become responsible members of local, national and global communities.



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THE INTERNATIONAL BACCALAUREATE PROGRAM

IB Full Diploma

For a student to be an IB Diploma candidate, they must enroll in the program prior to the start of Junior year, complete one course in each of the six designated academic groups, complete the Theory of Knowledge (TOK) course, participate in the Creativity, Activity, Service (CAS) component, write an Extended Essay (EE) and complete the IB exams at the end of senior year.

IB Course Candidate

For a student to be a Course Candidate, they must complete at least one IB-designated course and take the IB Exam at the end of their senior year. TOK, CAS, and EE are experiences not available for course candidates.

IB Standard Level (SL) and Higher Level (HL)

IB Courses are offered at two different levels: Standard and Higher. Standard Level is often described as a step up from Honors level courses, but is not considered college level. Higher Level courses are equivalent to college level coursework. **It is important to note that most colleges will take Higher Level IB courses for credit. Some colleges will accept Standard Level, but most will not.** However, both are challenging and may offer advantages in the admission process for college. For both HL and SL, students are required to take the internal assessments during the year and the exam at the end. The estimated cost for the exam fee is \$119, paid during the first semester the year that the exam is administered.

For more information on IB, visit the Beaumont School website (under Academics) or see the IB Coordinator, Mr. Masters.

PRE-ENGINEERING

Beaumont's Pre-Engineering Program introduces students to the scope, rigor and discipline of engineering. This program is designed for students who would like to "think" like an engineer.

The goals of Beaumont's pre-engineering program are:

- To expose students to opportunities in the field of engineering
- To develop the engineering thought processes of design and problem-solving in the context of real world situations
- To develop the transferable skills of team work, public speaking, technical writing, etc.
- To encourage girls to consider enrolling in undergraduate engineering programs
- To prepare program participants for success in undergraduate engineering programs

Students participating in the Pre-Engineering Program must complete one of the following pathways:

	Traditional Pathway	Computer Science Pathway
Computer Science	Introduction to Programming/Robotics <i>or</i> Computer Science Principles	Computer Science Principles IB Computer Science SL
Design	IB Design Tech HL	IB Design Tech HL
Math/Science	IB Math Physics	IB Math

Sample Pathway:

9th/10th grade requirements: One Technology

Introduction to Programming/Robotics

or Computer Science Principles (comp. sci)

11th grade requirements: IB Design Tech SL

12th grade requirements: IB Design Tech HL + One of the following

Physics (traditional)

or IB Computer Science SL (comp. sci.)

Technology	Must include Computer Science Principles and Programming/Robotics or other approved course
Pre-Engineering	Must Include IB Design Technology I & II *IB Design Tech SL/HL I (counted as .5 Comp. Sci. & .5 Fine Art) *IB Design Tech HL II (counted as 1 credit in Science)
Math	Must including Math IV, IB Applications and Interpretations or IB Analysis and Approaches

Additional requirements:

Students will work with an engineering mentor for Project R.E.A.L. In addition, they must participate in at least one engineering presentation or conference per year.

STUDIO ART PROGRAM

A four-year core studio art program for the talented student, our Studio Art Program enables students to study under the guidance of our faculty, who are all practicing artists, and along with the collaboration of local artists and organizations. This four-year program leads to the preparation of a portfolio for admission to art school or college programs that accept portfolios for scholarships. Students will develop skills in the areas of: drawing, design, painting and sculpture.

*Students who are rising juniors or seniors completing this program and who are dually-enrolled in the IB Diploma Program as a IB Diploma Candidate may apply for a .5 technology credit waiver from the principal.

The goals of the Beaumont Studio Art Program

1. Understand and apply the elements of art and principles of design.
2. Develop their own personal, creative language and be able to communicate ideas through their art.
3. Practice critical analysis of own works as well as the works of others.
4. Gain a spiritual connection to their art and creative self.
5. Interact with the greater arts community through gallery and museum visits and art competitions.
6. Prepare work for exhibition and participate in the annual Fine Arts Review.
7. Document their art and prepare a portfolio for art school, college applications and scholarship purposes.

Required Course of Study

Studio Art I (1)	
Studio Art II* (1)	Honors Studio Art IV: Portfolio w/ Varied Media*
Honors Studio Art III* (1)	(1)

*Course fee applies

Entrance Requirements

Incoming freshmen must complete the Studio Art Application. This application can be found on the school website.

EMERGING MEDIA PROGRAM

A 5-class specialized track for students who show interest and skill in creating artwork with a focus on integrating the traditional and digital art world.

Required course of Study (each course is 0.5 credits)

A full credit of any Fine & Applied Arts course (2 classes)	Tinkering with Sculpture*
Animation	Digital Imagery & Ideation*
	*Course fee applies

FASHION PROGRAM

The Applied Arts Fashion Program consists of four semester long classes, scaffold toward a complete understanding of tailoring terms and proficiency in garment construction. The Introduction to Fashion, first semester class, includes students of all skill levels. Students will master use and understanding of machinery, tools, and learn basic construction of RTW garments, including zipper installation and simple constructed linings. As students progress through the continuing semester classes, prior knowledge is relied on. As courses continue students will demonstrate understanding of written directions combined with empowering individual work.

The final semester of the Applied Arts Fashion Program is based on centuries old European tailoring construction and *hand* drafting and illustration. Students receive instruction based on a two-semester second year college course resulting in the proficiency of couture and Atelier garment design. Students competently completing all four semesters will be positioned for sustained success at Art and Design Institutes.

Courses of study: 1.) Introductory Fashion, 2.) Intermediate Fashion, 3.) Advanced Fashion, 4.) Pattern Drafting and Illustration*. *Course fee applies

VEALE YOUTH ENTREPRENEURSHIP FORUM

Beaumont's Entrepreneurship Forum Program instills an entrepreneurial mindset in students. The goals of the Entrepreneurship Forum are:

- To develop and run a business, through role playing and case studies, in a real-world situation.
- To develop students' entrepreneurial spirit.
- To introduce students to the various majors available within the College of Business.

Students participating in the Entrepreneurship Forum must complete the following requirements in addition to Beaumont's graduation requirements:

IB Design Technology SL	1 credit
Introduction to Business OR IB Design Technology HL	0.5 (Business) OR 1.0 (IB Design Tech) credit
Additional Requirements	Must be an ACTIVE member in Entrepreneur Club for a minimum of 2 years AND choose one of the following options: <ul style="list-style-type: none"> ● 2 VEYF competitions ● 1 VEYF competition AND be an executive officer of club-run business

Additional Requirements explained: Students must participate in a competition. One must be the Beaumont's Entrepreneurial Cup Competition at least one time prior to graduation. Student may participate in another VYEF sponsor competition or be an active executive officer of the student school run business. Students are also expected to work in the school run business.

FINE ARTS REQUIREMENT

Beaumont students are required to complete one credit in Fine Arts to fulfill the graduation requirement. All of the following Fine Arts courses are .5 credits unless otherwise noted.

DRAMA

Introduction to Theater
Advanced Acting
Play Directing
Stagecraft

VISUAL ARTS

Studio Art I (1)
Studio Art II (1)
*Honors Studio Art III (1)
*Honors Art IV: Portfolio w/ Varied Media
Ceramics I
Ceramics II
History of Western European Art
Photography
Drawing & Painting I
Drawing & Painting II
Tinkering with Sculpture
Digital Imagery and Ideation

APPLIED ARTS

Introductory Fashion
Intermediate Fashion
Advanced Fashion
Pattern Drafting and
Illustration

MUSIC

Chamber and Jazz Orchestra (1)
*Honors Chamber & Jazz Orchestra (1)
Piano I
Piano II
Advanced Piano
Beaumont Choristers (1)
Voices of Harmony (Advanced Ensemble) (1)
*Voices of Harmony (Hon. Adv. Ensemble) (1)

*IB Credit Available

APPLIED ARTS

AA700 - INTRODUCTORY FASHION

This course provides opportunities for the student to develop basic skills in hand and machine sewing techniques, in the selection, use, and care of basic sewing equipment and to study commercial patterns and simple clothing construction. Emphasis is given to the formation of good work habits, wise use of time, energy and money. Students are responsible for their fabric, notions, supplies, and patterns.

0.5 credit - open to grades 11, and 12 and grade 10 as space is available

AA701 - INTERMEDIATE FASHION

Having had basic experiences in other simple forms of clothing construction, the student will receive instruction in new skills for shaping and fitting garments. Application of basic construction methods will be produced with a greater accuracy. Students are responsible for their fabric, notions, supplies, and patterns.

0.5 credit - open to grades 11, and 12 and grade 10 as space is available

Prerequisite: Introductory Fashion

AA702 - ADVANCED FASHION

Provides experience in advanced clothing construction techniques including linings. Students are responsible for their fabric, notions, supplies and patterns.

0.5 credit – open to grades 11, 12, and grade 10 as space is available

Prerequisite: Intermediate Fashion

AA723 – PATTERN DRAFTING AND ILLUSTRATION*

Students will use prior knowledge of garment construction to learn flat pattern method of tailoring and garment pattern design. Students will illustrate fashion mannequins, patterns pieces and garment and fabric illustrations. Students will broaden their understanding of designers, fabrics and fibers. This course is impressive for students pursuing a career in varying scope of the fashion industry.

0.5 credit - open to grades 11 and 12

Prerequisite: Advanced Fashion (or teacher recommendation)

*Course fee applies

ACADEMIC SUPPORT

AS101/102 – ACADEMIC SUPPORT

Academic support provides an opportunity for students with learning differences to receive supportive services in academic classes across the curriculum. The goal is to help students experience success and benefit more fully from the classroom experience. The acquisition of study, reading and writing skills along with acceptance of responsibility and self-advocacy for learning are emphasized. Services include individual and small group instruction, and assistance in preparing for and taking tests. Academic support teachers maintain communication with classroom teachers to monitor student progress.

0.5 credit – Grades 9 – 12

TECHNOLOGY

CO212 –TECHNOLOGY APPLICATIONS

This course provides a strong foundation in technology skills for applications. Students become proficient in working with spreadsheets: formulas, functions, charts and tables using Excel. Students also work with advanced word processing skills for tables, columns, graphics, and mail merge using Word. Students will also work with Google Docs/Google Sheets/Google Slides. These technology skills will benefit the student in working on assignments in all subject areas.

Required for graduation: Technology Applications or Computer Science Principles.
Recommended for students in grades 9 and 10

0.5 credit - Open to all grades

CO765 - COMPUTER SCIENCE PRINCIPLES

Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology impacts their world. With a unique focus on creative problem solving and real-world applications, this course explores the following themes: programming, creativity, abstraction, data and information, algorithms, the internet, and global impact. Topics studied include coding using Python, data representation, artificial intelligence, robotics, simulation and gaming, e-commerce, computer security, IoT (the internet of everything). **Required for graduation: Technology Applications or Computer Science Principles**

0.5 credit - Open to grades 10, 11, 12 and Grade 9 students enrolled in honors Math and Science.

CO712 - DIGITAL MEDIA PRODUCTIONS

This course will introduce students to digital media techniques and equip them with skills that incorporate graphic design, video, and audio into creative works. Students will explore a variety of online and mobile graphic apps to create visual content (graphics, webpages, and animations). Students will also be introduced to design principles, creating interactive web pages and designs for mobile devices using a variety of apps focusing on the Adobe Creative Cloud Suite of web, graphics, and media authoring programs.

0.5 credit – Open to grades 10, 11, 12

CO730 - INTRODUCTION TO PROGRAMMING/ROBOTICS

This course includes an introduction to computer programming/coding using a high level coding language (i.e. Java, VB Studio). Students develop problem solving skills, design solutions, and use algorithms to write the appropriate code. Throughout this course, students learn fundamental coding concepts including working with variables, decision structures, loops, procedures and arrays. The course also includes an introduction to robotics. After exploring simple robots, students apply their coding skills using RobotC or another coding language to interact with the robot.

0.5 credit - Open to grades 9, 10, 11, 12

CO735 – INTRODUCTION TO ANIMATION AND GAME DESIGN

This course introduces the student to animation and game design. Students will use Adobe Animate CC and other game creation/animation apps to learn about animation and game design principles. Students will create simple animations and explore game development tools to create games with sprites, actions, and levels. During the course, students create basic animations, are introduced to tools for working with game controls and components, and will learn how to incorporate sounds and animation into an application. After previewing and exploring existing games, students will create games which may include a story line, characters, rules, levels, and scoring.

0.5 credit – open to grades 10, 11, 12

CO755 - DIGITAL DESIGN

This course introduces the student to design principles and image editing using Adobe Creative Cloud CC: Adobe Photoshop. Students learn skills for editing and working with images in a variety of projects. Topics will include working with layers, filters, enhancing and repairing images, and using color and special effects. Projects include creating posters for a school event, repairing and combining photos, using design principles and learned techniques to create interesting and unique personalized work. As a final project, students create a display board of best work.

0.5 credit - open to grades 9, 10, 11, 12

CO771 – IB DESIGN TECHNOLOGY SL

Students will be exposed to crucial design factors that directly impact the success of product design in our world. Design considerations discussed include cost, material properties, safety, appearance, environmental impact, and manufacturing technologies. Students will experience CAD work and 3D printing. As part of the IB curriculum, students will be expected to complete a project engaging the design process resulting in prototype creation.

1 credit (0.5 Art / 0.5 Technology) / 2 Semesters – Open to grades 11 and 12

Prerequisite: A or B in math AND science courses

CO772 – IB DESIGN TECHNOLOGY HL

DP design technology HL is a continuation of the SL course and extends design knowledge into the realms of usability, sustainability, marketing and production. As part of the IB curriculum, students will be expected to continue the project started in the SL course.

1 credit (can count towards Science or Elective Credit) – Open to grades 11 and 12

Prerequisite: B or better in IB Design Technology SL

CO773 - IB COMPUTER SCIENCE SL

IB Computer Science SL requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. Students study how computer science interacts with and influences cultures, society

and how individuals and societies behave, and the ethical issues involved. Course topics includes: • System fundamentals • Computer organization • Networks • Computational thinking, problem-solving and programming/coding.

1.0 credit- 2 semesters - Open to grades 11, 12

Prerequisite: Computer Science Principles

DRAMA

DR120 - INTRODUCTION TO THEATER

Students will explore the theatre arts through a study of performance skills, elements of technical theater, and theater history. In this project-based learning course, students will develop an understanding of the basics of characterization for the actor; analyze and apply the use of theatrical elements (sound, lighting, costume) to enhance a production, and participate in a fully staged production of a one-act play as their final project.

0.5 credit – open to all grades

DR210 - ADVANCED ACTING

Students will explore the development of the craft of acting through the study of the history of theater and acting theory. Students will read, analyze, and discuss plays from classical era to contemporary drama. Major assignments will include scene work and monologue performances, self and peer performance evaluations, and written script analysis. Students must have a basic understanding of acting and theater to enroll in this course.

0.5 credit – open to grades 10, 11, and 12

Prerequisite: Introduction to Theater or instructor approval

DR211 - PLAY DIRECTING

(*offered '22-'23 and '24-'25)

Students enrolled in this course will learn the process of directing a dramatic production from play selection and analysis through the rehearsal process. Students will select a short scene or one-act play to direct. Each director will cast the show and lead her cast through rehearsals. Each student will be evaluated on the process and the product and will be required to keep a journal of her progress.

0.5 credit – open to Grades 11, 12

Prerequisite: Introduction to Theater or instructor approval

DR311 - STAGECRAFT

(*offered '23-'24 and '25-'26)

This course provides a dynamic exploration of professional design and production for the stage. Students investigate the aesthetic and functional roles of lighting and scenery, gain technical knowledge of instruments and tools, and apply this knowledge by designing and building the lights and sets for the Drama Club's fall musical production.

0.5 credit - open to grades 11, 12, and grade 10 as space is available.

ENGLISH

English Department Recommendations for Course Selection

Expectations for Honors Students:

Students enrolled in an Honors course can expect a rigorous, challenging, and fast paced class. While similar to the College Prep curriculum, students will be required to read more literature and do so independently; write with increased sophistication and at greater length; and take initiative for their own learning process. The English Faculty expects an Honors level student to:

- 1) Read at a fast pace.
- 2) Manage multiple reading and writing assignments simultaneously.
- 3) Prepare for class and consistent, active participation
- 4) Demonstrate initiative, intellectual curiosity, and learning from mistakes.
- 5) Demonstrate a strong work ethic.
- 6) Move beyond basic requirements.
- 7) Demonstrate a passion for learning, literature, and writing.
- 8) Approach subject matter with maturity by accepting guidance and exercise a willingness to improve written work based on teachers' instructions.

Placement for sophomore, junior, and senior years:

To continue in Honors courses, English faculty strongly requires that a student earns a B+ or above. College Prep students who elect to move to Honors should earn an "A" in College Prep and are strongly encouraged to discuss this decision with their current teacher.

EN104 - ENGLISH I

To ensure all ninth graders understand the expectations and can be prepared to perform according to Beaumont's academic standards, teachers place special emphasis in this course on a strong study of language usage and form in order to develop and refine writing skills for the multi-paragraph essays. The course will include vocabulary development, study skills, review of grammar, and a general orientation to high school work. The study of literature provides a transition between the literal approach to literature of the elementary reader to the more interpretive, critical, and value-centered approach of the mature reader through an introduction to the genres of short story, novel, non-fiction, poetry, and drama. Research skills will be introduced and developed.

1 credit – Grade 9

EN106 - HONORS ENGLISH I

This course is designed for the student with a solid foundation in language usage. The course focuses upon the continuing development and refinement of writing skills necessary for the multi-paragraph essay. The course will include vocabulary development, study skills, review of grammar, and a general orientation to high school work. The literary focus of the course is an in-depth study of the major genres of short story, poetry, non-fiction, novel, and drama. It differs from the English I course occasionally in content, but more significantly in its accelerated pace. Research skills will be introduced and developed.

1 credit – Grade 9

Prerequisite: Placement based on entrance exam

EN201 - AMERICAN LITERATURE

This survey course follows the American experience, focusing on the historical and social influences that gave birth to great American Literature. Throughout the course, the study of various genres, including novels, essays, diaries, poetry, short stories, and drama will be used to analyze unifying themes found in American Writing: the meaning of America, including the clash between promise and reality and the possibility of self-transformation. Critical analysis will be stressed both in written and in oral form. In addition, students will expand their vocabularies and work on developing their writing skills, including developing solid research skills. Literary research papers will be required, advancing in complexity the second quarter.

1 credit– Grade 10

EN202 - HONORS AMERICAN LITERATURE

This course is suited for students with more ability to meet the challenges of a faster pace of work and more complex discussions and assignments. The honors class will study additional novels and expanded units beyond the curriculum described above. An honors student is expected to demonstrate the ability to work at a more sophisticated level in oral and written expression, testing, and projects. The independence, initiative, and leadership abilities of an honors student are reflected in a higher level of performance. Literary research papers will be required, advancing in complexity the second quarter.

1 credit- Grade 10

Prerequisite: English I with an A average, or Honors English I with a B average

EN305 - WORLD LITERATURE

This course provides a study of the development, themes, and selected major works of world literature, both Western and non-Western. The course promotes growth in a student's awareness of other cultures as well as critical thinking skills, vocabulary, oral communication skills, and written communication skills. Frequent writing assignments develop a variety of skills, including literary analysis. One research paper will be required.

1 credit – Grade 11

EN306 – IB LITERATURE HL I

This course develops understanding of the techniques involved in literary criticism and promotes the ability to form independent literary judgments. In language A: literature, the formal analysis of texts and wide coverage of a variety of literature—both in English as well as in translation is combined with a study of the way literary conventions shape responses to texts. Students completing this course will have a thorough knowledge of a range of texts and an understanding of other cultural perspectives. They will also have developed skills of analysis and the ability to support an argument in clearly expressed writing, sometimes at significant length.

1 credit – Grade 11

Prerequisite: American Literature with an A average, or Honors American Literature with a B average

EN412 - BRITISH LITERATURE

This course is designed to provide students with an opportunity to develop an understanding and

appreciation of British literature from the Anglo Saxon period to the 21st Century. Attention is given to major literary movements and to comparisons and contrasts both within a period and between periods of literature. Selected plays and novels supplement the anthology. Writing assignments and projects are related to the readings. A literary analysis paper (first semester) and an extended research paper (second semester) are required.

1 credit – Grade 12

EN413 – IB LITERATURE HL II

This course develops understanding of the techniques involved in literary criticism and promotes the ability to form independent literary judgments. Students will continue to develop detailed literary analysis through an exploration and comparison of genre (poetry, drama, prose non-fiction, prose fiction) and focused study of one genre. All works will come from several eras in the British Literary Cannon, with supplementation of works from other cultures. Students will prepare for IB Oral Commentary and two timed essays for external evaluation. Students will also be required to write a literary research paper.

1 credit – Grade 12

Prerequisite: Successful completion of IB Literature HL I

EN700 – YEARBOOK

This course teaches the techniques, skills, theories and application of layout, design and writing for the purpose of producing the school yearbook, *Parapet*. Students should have strong writing skills, and will be taught the basics of layout and photography. Students will produce pages within assigned sections of the yearbook under the direction of student editors and the instructor/adviser. The meeting of deadlines with assigned pages is of utmost priority and will be a major factor in student evaluation. This is a production-based course requiring

100% participation of all of its members. Students will be taught all other skills needed to layout the yearbook. Students will also be expected to market the yearbook through the sale of business ads.

0.5 credit – open to grades 10, 11 and 12

Prerequisite: a completed application turned in with course registration form

EN702 - YEARBOOK EDITOR

Student editors will earn honors level credit due to the increased level of responsibility, and must sign up for a **full credit**. Editors are determined from the application process and experience in publications, graphics, and/or photography. The course description above applies with the additional responsibilities of editorial work and team leadership. Students requesting editorial positions should request courses EN702 and EN703 and notify the yearbook advisor that they are interested in being considered for editor-in-chief and editors. After determination of editor-in-chief and editors, by the yearbook advisor the course requests will be changed to course EN700 for those not awarded editorial positions. Editors will be taught all other skills needed to layout the yearbook. Students will also be expected to market the yearbook through the sale of business ads.

1 credit - open to grades 11 and 12

Prerequisite: Digital Design, Illustrator, or Photoshop

EN720 – SPEECH

This course allows students to develop their oral communication skills as they prepare, deliver, and evaluate speeches to inform, persuade, and entertain.

0.5 credit - open to grades 10, 11 and 12

EN730 - CREATIVE WRITING/COLLEGE ESSAY BOOTCAMP

This semester course will be divided into two segments. The creative writing portion of the course will offer the opportunity to develop a student's creative writing ability through various exercises and assignments and through studying examples from established authors. The college essay portion of the course will focus on working on the Common Application essay prompts as well as other essay responses colleges might request. Through analyzing sample model college essays and examining advice from the directors of college admissions offices, students will gain insight into writing superior college essays. By the end of the course, students will have completed all of the Common Application prompts. Both segments of the course will serve to give the student the opportunity to assess her growth as a creative writer and as a writer of the personal narrative.

0.5 credit - open to grades 11 and 12 only

Prerequisite: the student must have maintained a B or above in her English courses.

EN760 - PUBLICATIONS/JOURNALISM

This course is designed for students interested in writing for publication. Students will develop

skills for gathering appropriate information, writing articles, editing copy, planning issues of a newspaper, and working with staff, setting and adhering to timelines, and completing all the steps toward publication. This course is product-driven. It is required of students who aspire to an editor position on the *Beaumont Voice*. Students who participate will be required to submit to Beaumont publications.

0.5 credit – open to grades 10, 11 and 12

EN765 - SOCIAL JUSTICE THROUGH LITERATURE AND WRITING

This course is designed for the student who is passionate about literature, writing, and the influence of words on social justice. The course introduces written works relevant to Catholic Social Teaching, *Laudato Si*, and other foundational Church documents, as well as contemporary novels and poetry that shed light on the topics of justice and peace. Students will cultivate their writing skills through thoughtful reflections, advocacy speeches, and creative pieces including, but not limited to, short stories and poetry. The course encourages students to read and think critically, to articulate their thoughts effectively, and to share their ideas respectfully.

0.5 credit - open to grades 11 and 12

FINE ARTS

FA120 – STUDIO ART I

This is a year-long, rigorous introductory studio course for talented students interested in participating in the art studio program. In this class the emphasis will be on drawing and the foundations of composition and design. Students in the Studio Art Program will be expected to keep an ongoing sketchbook throughout each year where they experiment, research, develop and organize their creative thought and process. This course is strongly recommended for students planning a college art major or an art-related career i.e., fashion, interior design, illustration, etc. Studio I students will be reviewed at the beginning of semester 2. To advance to Studio II for sophomore year, students must have at least a 3.0 grade point and a continued strong desire to be in the program.

1 credit – open to grades 9

Prerequisite: a completed art application turned in with the course registration form (see addendum for application form)

FA220 – STUDIO ART II*

This course is intensification and broadening of the STUDIO ART I experience. Design and compositional skills and principles continue to be stressed, with an emphasis on new media, including charcoal, acrylic painting and printmaking. The second half of this course provides a focus on a broad survey of Art History. Students will learn to see, appreciate and critique works of art through class discussion, writing assignments and trips to the Cleveland Museum of Art and area art galleries. Students in the Studio Art Program will be expected to keep an ongoing sketchbook throughout each year where they experiment, research, develop and organize their creative thought and process. This course is strongly recommended for students planning a college art major or an art-related career i.e., fashion, interior design, illustration, etc.

1 credit - open to grades 10

Prerequisite: successful completion of Honors Studio Art I and recommendation of Studio Art I instructor.

*Course fees applies

FA320 – HONORS STUDIO ART III (IB VISUAL ARTS HL/SL I)*

The course encourages students to engage their own creative and cultural expectations and boundaries. Students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. Comparing visual arts from different perspectives, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices, while a focus is placed on portraiture and figure drawing and an introduction to oil painting. This course is designed for those who are seeking lifelong enrichment through visual arts. Students in the Studio Art Program will be expected to keep an ongoing sketchbook throughout each year where they experiment, research, develop and organize their creative thought and process.

This course will be held as a blended class with Studio III and IV. Studio Art students not enrolled in the Diploma Programme will be encouraged to consider taking the class as an IB Course Candidate, as the entire class will follow the IB curriculum, however, those not enrolled as an IB student will not have to submit work externally for evaluation.

1 credit - open to grades 11

Prerequisite: Honors Studio Art II and recommendation of Studio Art II instructor.

*Course fees applies

FA420 – HONORS STUDIO ART IV PORTFOLIO W/ VARIED MEDIA (IB VISUAL ARTS HL/SL II)*

In this upper level honors studio course, the talented art student develops a strong independent work ethic in the studio setting and cooperative learning environment. The focus of this course is to create a portfolio of work in varied media, both two dimensionally and three dimensionally. This cohesive collection will represent the individual student's artistic and technical skill and personal creative expression. With a total of six cohesive works, students will also complete an electronic portfolio and a senior thesis piece. Our Studio Art III & IV are also offered as an International Baccalaureate course, in which the candidates will complete three IB tasks throughout the span of these two years.

1 credit – open to Grade 12

Prerequisite: successful completion of Honors Studio Art III and recommendation of previous instructor.

*Course fees applies

FA700 - CERAMICS I

This course is an elective course in methods of hand built functional and sculptural ceramics, including pinch, slab, coil and modeling techniques. History of ceramics, geology of clay and the chemistry of clay and glazes are also covered.

0.5 credit - open to grade 12 and grade 11 as space is available.

FA701- CERAMICS II

An opportunity to develop and expand upon concepts and skills explored in Ceramics I. These concepts and skills include 3-dimensional problem solving, the application of hand building techniques in the creation of a sculptural ceramic piece. In addition, Ceramics II will provide the opportunity to develop wheel throwing skills as well as study ceramic work from different cultures.

0.5 credit – open to grade 12 and grade 11 as space is available.

Prerequisite: Ceramics I

FA720 - HISTORY OF WESTERN EUROPEAN ART

This course is a survey of the history of Western European Art from ancient times to the present. Students will learn to see, appreciate and critique works of art through

class discussion, writing assignments and trips to the Cleveland Museum of Art and area art galleries.

0.5 credit - open to grade 12 and grade 11 as space is available

FA730 - PHOTOGRAPHY

This course will introduce students to the basic techniques and art of black and white film photography. Students will learn to operate a manual 35 mm SLR camera, develop film and make enlargements in the darkroom. Pinhole photography will also be explored.

0.5 credits - open to grade 12

FA741 - DRAWING & PAINTING I

This is a basic studio course in art experience for the non-major. Its primary focus is an introduction to 2-dimensional drawing techniques with a variety of media in simple design composition. An emphasis on the elements and principles of art and design are demonstrated. A foundation of color theory is established through the study and use of watercolor paints.

0.5 credits- open to grades 9, 10, 11, and 12

****Students who complete Drawing & Painting I & II before junior year and are interested in taking IB Visual Arts can apply and complete an interview with the IB Visual Art instructor.*

FA742 - DRAWING & PAINTING II

This is a secondary course in art experience for the non-major to take her understanding and application of drawing and painting to a greater level. Building upon the foundation of drawing and design in Drawing & Painting 1, students will continue to apply and improve compositional design. They will explore new media such as pastels and acrylic paint, and produce a variety of projects that will relate to art history and self-expression.

0.5 credits- open to grades 9, 10, 11, and 12

Prerequisite- Drawing & Painting I

****Students who complete Drawing & Painting I & II before junior year and are interested in taking IB Visual Arts can apply and complete an interview with the IB Visual Art instructor.*

FA711 - TINKERING WITH SCULPTURE*

Students will experience working with a variety of materials to create three-dimensional structures. With previous knowledge of the fundamentals of art and design, students will explore the opportunities to create with both traditional and emerging materials. With a focus on exploring curiosities, this class provides students to take the initiative on their own ideas and generate a work of art. Working with materials such as fibers, circuits and 3D printers, students

will be encouraged to integrate their knowledge of both the arts and their core academics to create with both a function and purpose.

0.5 credit- open to grades 10, 11, 12

Prerequisite-Any digital design or entry level art courses equivalent to 1.0 credit

*Course fees apply

FA712 - DIGITAL IMAGERY AND IDEATION*

Students will explore how to build creative imagery using a digital platform. Utilizing previous knowledge of the fundamentals of art and design, students will create digital building blocks that can be used in the form of traditional art, storytelling, and animation. With a concentration in ideation, this class encourages students to explore concepts and how to carry them through development. Using tools like the iPad and programs like Procreate, students will build a close connection between traditional art practice and emerging technology.

0.5 credit (can count toward Technology requirement) - open to grades 10, 11, 12

Prerequisite-Any digital design or entry level art courses equivalent to 1.0 credit

*Course fees apply

INTERNATIONAL BACCALAUREATE

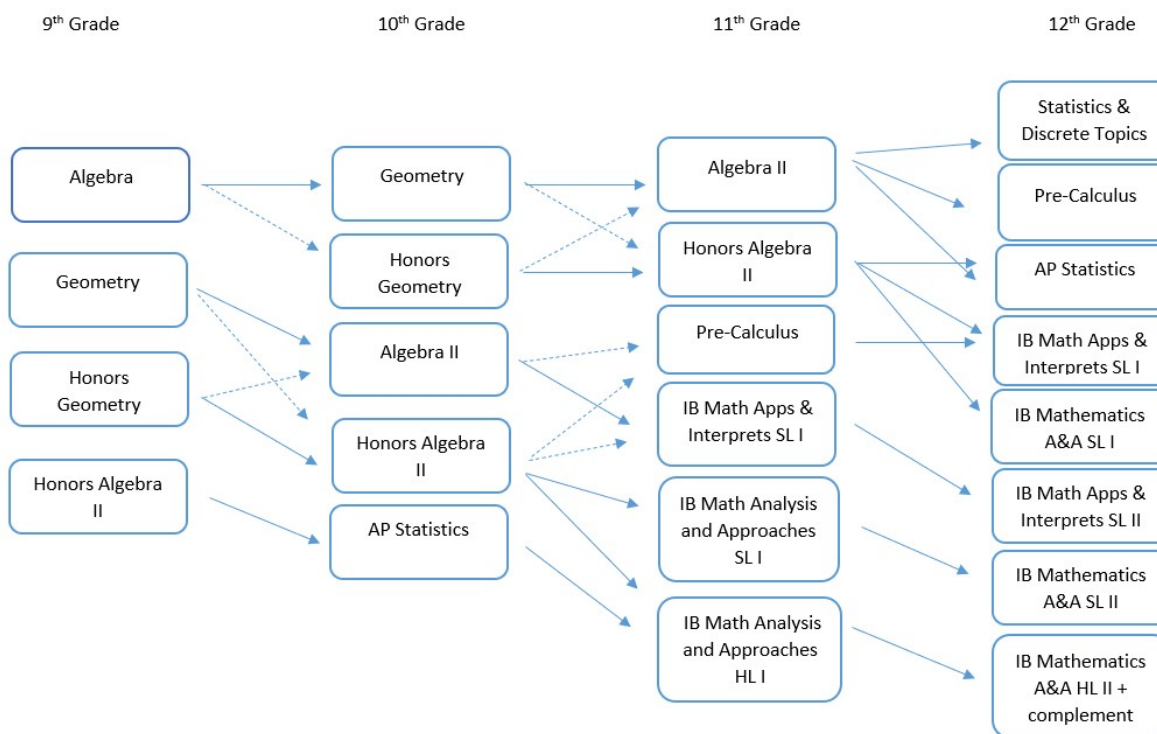
IB501/IB502 - IB THEORY OF KNOWLEDGE

Theory of Knowledge (TOK) is a course that takes place during the second semester of a Diploma Candidate junior year and first semester of her senior year. It is designed to challenge students to think critically about their own knowledge claims, the knowledge claims made by others, as well as the subject of knowledge itself. Students will explore the role that reason, emotion, language, and perception play in one's ability to acquire knowledge. Students will also evaluate the similarities, and differences, of knowledge claims across different areas of knowledge. An essay written on a prescribed topic, as well as a group presentation, makes up TOK's IB assessment. Students learn about the Extended Essay (EE) and Creativity/Action/Service (CAS) requirements through this course.

1 credit (.5 each semester) – Grades 11-12

MATHEMATICS

Beaumont School Math Class Sequencing for 2023-2024 School Year



If you opt to enroll in a course without meeting the prerequisites you may find it extremely difficult and may require added study time and/or remedial work. It is the responsibility of the student and the parent to make certain that all prerequisites are met prior to taking a course.

MA112 - ALGEBRA I

This course emphasizes a graphing approach to Algebra I topics. Concepts covered include function, solving linear equations and inequalities in one and two variables, systems of linear equations, quadratic equations, factoring and exponents. Applications of algebra, graphing and problem solving are practiced throughout. Selected topics from statistics and an introduction to the use of graphing calculators are also included.

1 credit – Grade 9

Prerequisite: Placement based on entrance exam

MA215 - GEOMETRY

Geometric concepts covered include the study of points, lines, planes, angles, polygons, congruence, similarity, area, volume, triangle trigonometry and coordinate geometry. Applications of geometric concepts, problem solving and inductive as well as deductive reasoning processes are emphasized throughout.

1 credit – Grades 9, 10

Prerequisite: Algebra I or placement exam

MA216 - HONORS GEOMETRY

This course includes an accelerated and expanded consideration of the topics of Geometry.

1 credit – Grades 9, 10

Prerequisite: B or higher in Honors Algebra I, or recommendation by current teacher and permission from Department Chair or placement by Math Committee based on placement test and other criteria

MA312 - ALGEBRA II

Algebra II emphasizes the study of linear, quadratic, polynomial and rational functions, their graphs and applications. This course includes the study of exponential and logarithmic functions and the properties of real and complex numbers. Graphing calculators are used throughout.

1 credit– Grades 10, 11

Prerequisite: Geometry or recommendation by teacher and permission from Department Chair

MA313 - HONORS ALGEBRA II

This course includes an accelerated and expanded consideration of the topics of Algebra II with an increased emphasis on applied problems and problem solving.

1 credit – Grades 10, 11

Prerequisite: B or higher in Honors Geometry or recommendation by current teacher and permission from Department Chair

MA501 - AP STATISTICS

This course is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are required to take the AP Exam in May.

1 credit – Grades 10, 11, 12

Prerequisite: B or higher in Honors Algebra II

MA315 - PRE-CALCULUS

This course is designed for students who have completed the College Prep Mathematics sequence. Topics covered are Sequences and Series, Functions, Trigonometry, Exponentials and Logarithms, Matrices and Conics.

1 credit – Grades 11, 12
Prerequisite: Algebra II

MA316 - STATISTICS AND DISCRETE TOPICS

This course is designed for students who have completed the College Prep Mathematics sequence. Concepts covered include Arithmetic and Geometric sequences and their applications. This course will also study the fundamental concepts of probability and statistical theory, emphasizing descriptive statistics, simulations, centers and spreads, regression and correlation, the normal distribution and expected values. A calculator with statistical functions is required.

1 credit – Grade 12
Prerequisite: Algebra II

MA322 - IB MATHEMATICS: APPLICATIONS AND INTERPRETATIONS SL I

This course is designed for students who enjoy describing the real world and solving practical problems using mathematics, those who are interested in harnessing the power of technology alongside exploring mathematical models and enjoy the more practical side of mathematics. This course focuses on important interconnected mathematical topics. There is an emphasis on applications of mathematics and statistical techniques. It is designed to offer students the opportunity to learn important concepts and techniques and to gain an understanding of a wide variety of mathematical topics, preparing them to solve problems in a variety of settings, develop more sophisticated mathematical reasoning and enhance their critical thinking.

1 credit- Grade 11, 12
Prerequisite: Honors Algebra II or a B or higher in Algebra II

MA422 – IB MATHEMATICS: APPLICATIONS AND INTERPRETATIONS SL II

This is a continuation of IB Math Applications and Interpretations SL I. Major topics include mathematical modeling, trigonometry and an introduction to differential calculus. Students will finalize their internal assessment written paper and prepare for the IB exam in May.

1 credit- Grade 12
Prerequisite: Successful completion of Math Studies SL I

MA323 - IB MATHEMATICS: ANALYSIS AND APPROACHES SL I

This course is intended for students who wish to pursue studies in mathematics in college or subjects that have a large mathematical content; the course includes pre-calculus and statistics topics. It is for students who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology. This course focuses on introducing important mathematical concepts through the development of mathematical techniques. Students will gain the crucial skill of how to apply the mathematical knowledge they have acquired to solve realistic problems set in an appropriate context, as well as develop an appreciation for the elegance and beauty of mathematics. Students will also investigate the role that mathematics plays in society and in the construction of knowledge. Included in the two year course is an internally assessed exploration that offers students the opportunity for developing

independence in their mathematical learning.

1 credit – Grade 11, 12

Prerequisite: B or higher in College Prep or Honors Algebra II

MA423 – IB MATHEMATICS: ANALYSIS AND APPROACHES SL II

This is a continuation of IB Mathematics: Analysis and Approaches SL I. Major topics covered include Calculus as well as other assorted topics from the IB curriculum. Students will also finalize their Mathematics Exploration and prepare to take the IB written exam in May.

1 credit – Grade 12

Prerequisite: Successful completion of Mathematics SL I

MA324 - IB MATHEMATICS: ANALYSIS AND APPROACHES HL I

This course moves at a faster pace with more depth and additional content per topic than the A&A SL 1 course curriculum; additional topics are included in year 2. The HL course is intended for students who excel in math and wish to pursue studies in mathematics in college or subjects that have a large mathematical content; the course includes pre-calculus and statistics topics. It is for students who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology. This course focuses on introducing important mathematical concepts through the development of mathematical techniques. Students will gain the crucial skill of how to apply the mathematical knowledge they have acquired to solve realistic problems set in an appropriate context, as well as develop an appreciation for the elegance and beauty of mathematics. Students will also investigate the role that mathematics plays in society and in the construction of knowledge. Included in the two year course is an internally assessed exploration that offers students the opportunity for developing independence in their mathematical learning.

1 credit – Grade 11

Prerequisite: A in Honors Algebra II

MA424 – IB MATHEMATICS: ANALYSIS AND APPROACHES HL II

This is a continuation of Mathematics: Analysis and Approaches HL 1. Topics covered include Calculus, Vectors, Maclaurin series and proof by induction as well as other assorted topics from the IB curriculum. Students will also finalize their Mathematics Exploration and prepare to take the IB written exam in May.

1 credit – Grade 12

Prerequisite: Successful completion of Mathematics: Analysis and Approaches HL1

MA425 – IB MATHEMATICS: ANALYSIS AND APPROACHES HL II Complement

This course is a mandatory extension of IB Mathematics Analysis and Approaches HL II. The additional time allows students to gain a deeper understanding of the dense course content.

0 credit - Grades 12

MUSIC

MU715 - CHAMBER AND JAZZ ORCHESTRA

This performing instrumental ensemble includes all instruments except guitar and piano.

Guitarists and pianists are not appropriate for this ensemble unless they have approval of the instructor. In order to be eligible for chamber and jazz orchestra, the student must have played their instrument for two years within the past three years and supply their own instrument.

Beaumont may supply an instrument for school use if it is too large to transport on a daily/weekly basis. Students should be proficient enough on their instruments to prepare their music for concerts. However an audition will be required if there is no private study or ensemble experience. There will be an orchestral dress rental fee of 25 dollars.

1 credit – open to all grades

Prerequisite: Successful audition and or recommendation and completion of an application (See addendum for application form)

MU716 - IB MUSIC HL/SL CHAMBER AND JAZZ ORCHESTRA

This course seeks to develop students' knowledge and potential as musicians, both personally and collaboratively. IB Diploma Programme music students are required to study musical perception and actively listen to a wide range of music from different parts of the world, musical cultures and time periods. Students will learn to express ideas with confidence, develop perceptual and analytical skills, as well as developing their knowledge and potential as musicians, both personally and collaboratively. This is a co-chair class and non IB students will study much of the same content but will not be required to do IB assigned listening or writing. They also will not need to record and submit personal performances for IB assessment.

Orchestra members in their junior year may take IB Beaumont Chamber and Jazz Orchestra if they have participated in orchestra for two years (9th and 10th grade years.) In order to qualify for IB, orchestra members must: have instructor's approval or a successful audition, take private instruction on their instruments, participate in District Solo/Ensemble Festival, and be prepared to be a section leader or assistant section leader in the orchestra. The description of Chamber and Jazz Orchestra MU 715 also applies to IB Chamber and Jazz Orchestra MU 716.

*Honors Orchestra can be taken by sophomores in preparation for IB their junior year.

1 credit - open to grades 11-12.

Prerequisite - member of orchestra 9th and 10th grade years and recommendation of instructor, with the 10th grade year as in honors orchestra.

MU730 - PIANO I

This class is for aspiring young pianists who have always wanted to play the piano or who studied for a short time when younger. Emphasis is on music reading skills and music fundamentals, fingering, and skill appropriate repertoire. Students will learn the basics of music composition. Access to a piano or keyboard at home is a necessity as daily practice is a requirement for building skills. This class is for students who have had zero to two years of piano study. Please pay close attention to the course description to ensure you are placed in the correct level..

0.5 credit - open to grades 10-12 as space is available

MU731- PIANO II

This class is for the young pianist who has completed Piano I or who has studied for five years and has some knowledge of music fundamentals. Emphasis is on building musicianship skills, skill appropriate repertoire, composition and arranging. Please pay close attention to the course description to ensure you are placed in the correct level. Access to a piano or keyboard outside of class is required.

0.5 credit – open to grades 10-12 as space is available

Prerequisite: Piano I or at least two years of piano lessons within the last four years.

MU732 - ADVANCED PIANO

This class is for the continuing pianist who has either more than five years of piano study (within the past seven years) or who has successfully completed Piano I and II. Emphasis is on continuing musicianship skills, skill appropriate repertoire, and more advanced composing and arranging. Please pay close attention to the course description to ensure you are placed in the correct level. Access to a piano or keyboard outside of class is required.

0.5 credit – open to grades 10-12 as space is available.

MU734 - BEAUMONT CHORISTERS

This choir is for all those who love to sing and would like to be in a choral ensemble. Students will work on good vocal production, music reading fundamentals, and skill appropriate repertoire as recommended by the National Standards in Music. The Choristers will sing a variety of choral music written in two to three parts. The Beaumont Choristers will perform in all school concerts as well as outside concerts when appropriate. No prior experience is necessary and no audition is required. There will be a rental fee of 25 dollars for use of a Choristers dress. If the rental fee poses a difficulty, please contact the music teacher.

1 credit - open to all grades

MU754 - VOICES OF HARMONY (ADVANCED ENSEMBLE)

An auditioned, performing and traveling advanced choral ensemble that sings all styles of music, has developed good basic knowledge of music fundamentals, and enjoys performing in many different venues. This intensive choral ensemble will have many performance opportunities and will compete in district and state level (when applicable) choral festivals. Many of our Voices of Harmony students are also selected for honors choirs throughout the greater community. Singers are required to rent their Voices of Harmony performance attire from the school. This class may be taken as IB during the junior and senior year if taken during the sophomore year and all requirements are met.

1 credit – open to grades 10-12

Prerequisite: successful audition (which may be waived upon recommendation of director) and previous musical experience

MU762 – IB MUSIC HL/SL VOICES OF HARMONY

This course seeks to develop students' knowledge and potential as musicians, both personally and collaboratively. IB Diploma Programme music students are required to study musical perception and actively listen to a wide range of music from different parts of the world, musical cultures and time periods. They develop aural perception and understanding of music by learning about musical elements, including form and structure, notation, musical terminology, context and how musicians work and communicate. Students will learn to express ideas with confidence, develop perceptual and analytical skills, as well as developing their knowledge and potential as musicians, both personally and collaboratively. This is a co-chair class and non IB students will study much of the same content but will not be required to do IB assigned listening or writing. They also will not need to record and submit personal performances for IB assessment.

1 credit – grades 11 and 12

Prerequisite: Participated in Voices of Harmony at least one year prior, received a letter grade of A and be approved by the instructor.

MU790 - MUSIC THEORY I – (Musicianship skills and Fundamentals)

This class is designed to introduce students to the fundamentals of music. This class stresses basic music skills including rhythm, sight singing, ear training, rudiments of music theory and beginning compositional techniques. A strong emphasis is placed on critical thinking when learning music fundamentals. Some music background, such as piano, choir or instrumental study is very helpful in this course.

0.5 credit – open to all grades

Prerequisite: music background or Piano I or II

*This course is highly recommended for students who wish to major or minor in any type of music in college and/or who wish to pursue IB Music in either Orchestra or Voices of Harmony.

PHYSICAL EDUCATION/HEALTH

PH210 - PHYSICAL EDUCATION

Physical Education is a required course for graduation. PE classes will focus on personal health, fitness goals, game skills and tactics, outdoor activities, cardiovascular activities, team and individual sports, and all aspects of fitness. The activities include the following invasion sports: soccer, basketball, flag football, floor hockey, and ultimate Frisbee. Activities included in the net sports are: badminton, and pickle ball. Other activities that will be played are: volleyball, softball, and bowling. We also incorporate yoga, Pilates, and CrossFit, and we utilize the Beaumont work-out room.

0.25 credit – Grades 9 - 12

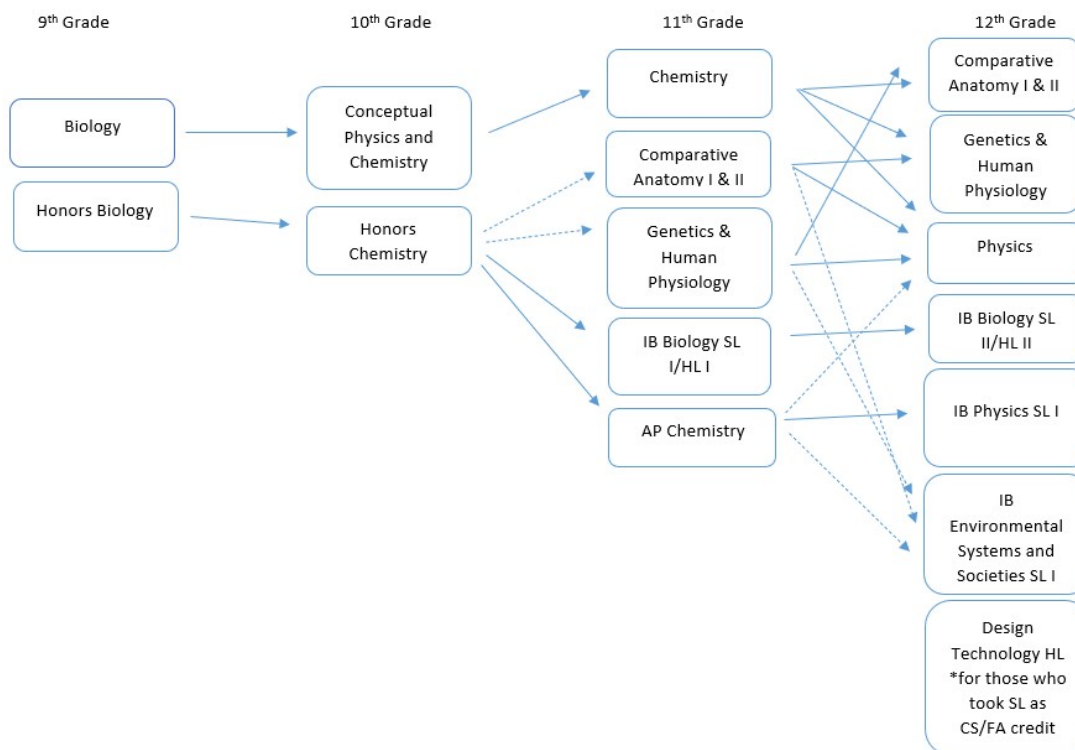
PH220 - HEALTH

Health is a required course for graduation that focuses on gaining knowledge and developing skills necessary to enhance and maintain one's overall health and wellness. Students will demonstrate goal-setting, coping strategies, communication and decision-making skills, as well as how to access community resources. Health classes will include mental, emotional, physical, social, spiritual, and environmental health as well as many other topics, such as drugs and alcohol, disease prevention, relationships, body systems, abuse and violence, and nutrition.

0.5 credit – Grade 10

SCIENCE

Beaumont School Science Class Sequencing for 2023-2024 School Year



SC101 - BIOLOGY

This course in life science presents the main concepts of scientific investigations, organic molecules, cell structure and function, plant and animal life, genetics and evolution. Students develop lab and problem solving skills through hands-on laboratory experiences.

1 credit – Grade 9

SC105 - HONORS BIOLOGY

This course takes an in-depth look at the main biological concepts including biochemistry, molecular biology, organismal biology, ecology, genetics, and evolution. This course develops critical thinking skills, problem-solving abilities and laboratory skills. Students engage in activities that will enrich and extend the basic concepts of Biology. A Science and Engineering Fair project is required of all students. This course prepares students for success in Honors Chemistry.

1 credit – Grade 9

Prerequisite: Placement based on entrance exam.

SC202 – CONCEPTS IN PHYSICS AND CHEMISTRY

This course introduces students to two physical sciences, physics and chemistry. Critical thinking, analysis, and problem-solving skills are emphasized. During the first semester, students will develop a foundation for understanding basic mechanics including Newton's Laws of Motion, force analysis, statics, and kinematics in one dimension. From their understanding of these concepts, students will better understand the world around them and the laws that govern motion. During the second semester, students will learn the mathematical concepts used throughout their study of chemistry. They will also build a foundation in the study of matter, physical and chemical changes, basic chemical principles, basic laboratory procedures, and safety principles. They will better understand the importance of chemistry in their daily lives.

1 credit – Grade 10

SC301 - CHEMISTRY I

This course is designed to provide an understanding and application of fundamental chemical principles and concepts. Chemistry centers on the study of matter, its composition and properties in interactions and transformations. Emphasis is placed on critical thinking, scientific inquiry, analysis and problem-solving skills. The course uses mathematics extensively in developing chemical principles. It provides opportunity for laboratory investigations to reinforce course content and the development of specific laboratory skills.

1 credit – Grade 11

Prerequisites: Concepts in Physics and Chemistry

SC305 - HONORS CHEMISTRY I

Chemistry is a study of substances that make up our environment and the changes they undergo. While similar to Chemistry SC301, Honors chemistry is fast paced, covers topics in more depth and students must possess high individual initiative. This course provides the student with opportunities to integrate chemistry and math concepts effectively. Investigations in the laboratory are incorporated into the curriculum to develop laboratory skills and reinforce course content. Critical thinking, analysis and problem-solving skills are emphasized. Honors Chemistry is intended for students who will pursue a science career in college. Students must possess high individual initiative.

1 credit - Grades 10

Prerequisite: Biology with an A average, or Honors Biology with a B+ average and Geometry with an A average or Honors Geometry with a B+ average.

SC306 - HONORS CHEMISTRY I COMPLEMENT

This course is a mandatory extension of Honors Chemistry. The additional time allows students to participate in inquiry-based learning experiences.

0 credit - Grades 10

SC332 - IB BIOLOGY SL I/HL I

Biology is the study of life. The vast diversity of species makes biology both an endless source of fascination and a considerable challenge. Biologists attempt to understand the living world at all levels from the micro to the macro using many different approaches and techniques. By studying biology in the DP students should become aware of how scientists work and communicate with each other. During IB Biology SL/HL I, students will investigate ecology and conservation, cells, cell division, macromolecules, and metabolic reactions. Students will have opportunities to design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers and evaluate and communicate their findings.

1 credit – Grade 11

Prerequisites: Honors Chemistry with a B or higher

SC432 - IB BIOLOGY SLII/HL II

In Biology SL/HL II, students will look into DNA, protein construction, diversity and evolution of organisms, and human physiology. Biology is the study of life. The vast diversity of species makes biology both an endless source of fascination and a considerable challenge. Biologists attempt to understand the living world at all levels from the micro to the macro using many different approaches and techniques. By studying biology in the DP students should become aware of how scientists work and communicate with each other. Students will have opportunities to design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers and evaluate and communicate their findings. Students electing HL IB credit for this course will study additional HL topics.

1 credit – Grade 12

Prerequisites: Completing IB Biology SL/HL I with B or higher.

SC401 - PHYSICS

This course blends practical and theoretical physics to provide a strong foundation in the fundamental concepts of mechanics. The problem-solving approach will be used frequently in presenting various topics. The student will be expected to further develop and practice her critical thinking, analysis and synthesis skills. Students will use computers to collect, analyze, and graph data. Basic statistical analysis will be applied to develop mathematical models of Newtonian mechanics; waves, light, optics, electricity, magnetism and fluid.

1 credit – Grade 12

Prerequisite: Algebra II with an A average, Honors Algebra with a B+ average, or Pre-Calculus with a B+ average. If you are uncertain about your math preparedness, please meet personally with a science teacher.

SC402 - PHYSICS COMPLEMENT

This course is a mandatory extension of Physics. The additional time allows students to participate in inquiry-based learning experiences.

0 credit-Grade 12

SC430 - IB PHYSICS SL

Physics seeks to explain the universe itself and the natural Phenomena. The aims of DP physics course are to enable students to appreciate science and creativity through stimulating and challenging opportunity. Students will acquire and use knowledge methods and techniques with technology applications and become critically aware as global citizen of the ethical applications of using science and technology. Students in physics are provided with opportunities to develop manipulative skills, design investigations, collect data, analyze results and evaluate and communicate their findings.

1 credit- Grade 12

Prerequisites: Honors Chemistry/AP Chemistry/AP Biology with a B+ or higher. Algebra II with an A average, Honors Algebra II with a B+ average or higher.

SC431 - IB PHYSICS SL COMPLEMENT

This course is a mandatory extension of IB Physics SL. The additional time allows students to participate in inquiry-based learning experiences.

0 credit: Grade 12

SC503 – AP CHEMISTRY

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students are required to take the AP Chemistry Exam in May. The exam fee is approximately \$89.

1 credit - Grades 11, 12

Prerequisite: Honors Chemistry I with a B+ Average **and** Honors Algebra II with a B+ or Algebra II with an A average.

SC505 - AP CHEMISTRY COMPLEMENT

This course is a mandatory extension of AP Chemistry. The additional time allows students to participate in inquiry-based learning experiences.

0 credit - Grades 11, 12

SC506 – IB/HONORS ENVIRONMENTAL SYSTEMS AND SOCIETIES SL

Through studying environmental systems and societies (ES&S) students will be provided with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing

environmental issues that they will inevitably come to face.

1 credit - Grades 11, 12

SC710/711 - COMPARATIVE ANATOMY I & II

Comparative Anatomy I is designed to present the characteristics of the major vertebrate animal phyla. The course focuses on the similarities and differences in the major vertebrate classes with emphasis on fish, amphibians, and mammals. Comparative Anatomy II presents the topics of evolution and histology and their relationship to comparative anatomy. The course focuses on the similarities and differences in the major vertebrate classes with emphasis on fish, amphibians, reptiles, birds, and mammals. Class time is devoted to developing dissection skills and the identification of structures. These courses are to be co-registered and are recommended for any student considering further study in the biological sciences, specifically the medical field.

1 credit / 2 Semesters - Grades 11, 12

Prerequisite: completion of Biology and Chemistry

SC720/SC721 – GENETICS & HUMAN PHYSIOLOGY

Genetics is the study of heredity. The course will include the following: Mendelian and modern genetics, genetic disorders, DNA, RNA, protein synthesis and gene expression, epigenetics, genetic engineering, recombinant DNA, stem cells, cloning, the Human Genome Project, and bioethical topics relating to genetics. Human Physiology investigates the function of major body systems, their physical and chemical processes that contribute to homeostasis. These courses are to be co-registered and are recommended for any student considering further study in the biological sciences, specifically the medical field.

1 credit / 2 Semesters - Grades 11, 12

Prerequisite: completion of Biology and Chemistry

SC724 - ENVIRONMENTAL SCIENCE

This course will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Students enrolled in this course will be exposed to innovative problem-solving methods for a wide range of environmental topics. Applications and data analysis related to the environmental topics studied will be a cornerstone of the course. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study.

1 Credit - Grades 11, 12

Prerequisite: completion of Biology and Chemistry

SOCIAL STUDIES

SS101 - WORLD HISTORY

World History is a one year course covering the development of the modern world. Starting with the Enlightenment and ending with modern day, this course will examine the social and political climate of the major time periods of history using a uniquely world-based approach. Utilizing the students' reading, research, and study skills, this course will develop a framework to assist in understanding the connection between historical events and regional difficulties and their relevance to today's global society.

1.0 credit – Grade 9

SS102 - HONORS WORLD HISTORY

Honors World History is a full year course covering the history of the modern world from the Enlightenment to present day. The aim of this course is to acquaint students with the social and political chronology of the global community. Within each historical period, emphasis will be placed on reading, analyzing, researching, critical thinking, and essay writing. Students will develop a framework from which to understand the cause and effect relationships of historical events. Special emphasis will be placed on independent research and group activities.

1.0 credit – Grade 9

Prerequisite: Placement based on entrance exam

SS201 UNITED STATES GOVERNMENT

This course involves the study of the American system of government and the basic concepts of economics. It includes a study of the Constitutional foundation of American government, the institutions of the three branches of the national government, the policy-making process, political parties, and civil rights. Present-day political issues and geography are incorporated into the curriculum. The students will also develop an understanding of the principles of economics that they will learn to apply to their everyday lives. Consumer economic concepts such as budgeting, understanding credit, saving, investing and consumer purchases will be addressed. This class will meet the state requirements for Financial Literacy.

0.5 credit – Grade 10

SS 204 - PERSONAL FINANCE

Personal Finance is a one-semester course designed to help students understand money management and the impact of individual choices on occupational goals and future earning potential. Students will learn to apply decision-making skills to evaluate and set personal goals about money spending, saving, and credit decisions, and to make effective use of income to achieve personal financial success. Consumer economic concepts such as budgeting, understanding credit, saving, investing and consumer purchases will be addressed. This class will meet the state requirements for Financial Literacy.

0.5 credit - Grade 10

SS202 AP U. S. GOVERNMENT and POLITICS

This course involves the study of the American system of government and the basic concepts of economics. This course is designed for those students who are especially interested in the study of government and politics and who are able to read, assimilate and interpret political works and who have unusual academic maturity. This course will deal with the historical and constitutional basis for the organization and functioning of the system, the activities and institutions which link citizens to their government, key institutions of government, and the relationship between politics and policy-making in domestic and foreign policy areas. Consumer economic concepts such as budgeting, understanding credit, saving, investing and consumer purchases will be addressed. These students are required to sit for the AP American Government examination in May. An AP fee of approximately \$92 will be required in order to take this examination.

1.0 credit – Grade 10

Prerequisite: World History with an A average or Honors World History with a B average

***NOTE:** AP Government students MUST take Personal Finance*

SS301 – AMERICAN HISTORY

U.S. History is a one year chronological survey course covering the time from the 1860's to modern America. This course will include the major political, economic and social trends of the United States. Special emphasis is given to cause and effect and to the correlation of events from the past with developments of today.

1.0 credit – Grade 11

SS305 – IB HISTORY HL I (HONORS AMERICAN HISTORY)

This course may be taken as part of the IB Diploma Individual and Society segment or an Honors American History class during the junior year. During the junior year, students will explore the history of the Americas thus expanding their international-mindedness by studying not only events in US but other North and South American experiences. This program will encourage students to engage with multiple perspectives and to appreciate complex nature of historical concepts, issues events, and developments. With the international component of analyzing major topics, the students will widen their world view in understanding various historical perspectives.

1.0 credit – Grade 11

Prerequisite: American Government with an A average or AP U.S. Government and Politics with a B or above.

SS405 – IB HISTORY HL II (HONORS MODERN WORLD HISTORY)

This course may be taken as part of the IB Diploma Individual and Society segment or an Honors Modern World History class during the senior year. In this second year, the IB diploma course is devoted to the in depth study of the conflict and crisis intervention as seen in two major world events; the evolution and development of democratic states and the Cold War. This program will encourage students to engage with multiple perspectives and to appreciate complex nature of historical concepts, issues events, and developments. With the international component of analyzing major topics, the students will widen their world view in understanding various historical perspectives.

1 credit – Grade 12

Prerequisite: IB History HL I (Honors American History) with a B average or above, or American History with an A average

SS710 - PSYCHOLOGY

Psychology is the scientific study of human behavior and mental processes. In this semester course, students will explore new ways of looking at and interpreting an individual's behavior in light of the following specific topics: cognition and learning, memory, motivation, perception, and social interaction. Special focus on psychological disorders and development stages through infancy and into old age. This is a project based course with hands-on experimentation.

0.5 credit - open to grades 12 and grade 11 as space is available.

SS770 – INTRODUCTION TO BUSINESS

This course studies how individuals bring their creative ideas to the marketplace. Basic microeconomic principles will be discussed during the class as they apply to creativity, marketing, business practices and finances. Students will use hands-on activities, case studies, class discussions of real world issues and field trips to explore these topics. **This course is required for students' participation in the Beaumont's Veale Youth Entrepreneurship Forum.**

0.5 Credit – open to grades 11 and 12

SS775 - AFRICAN AMERICAN STUDIES

This course is a chronological survey of the experience of people of African descent from pre-colonial times to the present day. This course will cover major historical events including the Transatlantic Slave Trade, colonization, the Antebellum Period, Civil War, Reconstruction, and Jim Crow eras. Students will examine Black politics, religion, culture, and contributions to society throughout the course. Students will also develop an understanding of the cause-and-effect relationships between historical events to current events.

0.5 Credit - open to grades 11 and 12

THEOLOGY

TH120 – SCRIPTURAL FOUNDATIONS

The purpose of this course is to give students a general knowledge and appreciation of the Bible, where they will encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, authored by God through inspiration, and its value to people throughout the world. Students will learn how to read the Bible, become familiar with the major sections of the Bible and the books included in each section. This course will also trace the key stages of Salvation History with an emphasis on the heroes and events of the Old Testament. Additionally, students will learn about the life of Saint Angela Merici and her call to create the order of Saint Ursula. Particular attention will be given to the core values of Ursuline spirituality, the history of the Ursuline Sisters in Cleveland & the life of martyred Ursuline Sister Dorothy Kazel. First in the 9th grade series.

0.5 credit – Grade 9

TH121 - CHRISTOLOGY

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally. In learning about who he is, the students will also learn who he calls them to be. Second in the 9th grade series.

0.5 credit – Grade 9

TH220 - THE PASCHAL MYSTERY

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course, students will learn that for all eternity, God has planned for us to share eternal happiness with Him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in & through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails. First in the 10th grade series.

0.5 credit – Grade 10

TH221 – ECCLESIOLOGY

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church but about the sacred nature of the Church. Second in the 10th grade series.

0.5 credit – Grade 10

TH320 – CHRISTIAN MORALITY

Students will learn the moral concepts and precepts that govern the lives of Christ's disciples. We examine the Ten Commandments and learn how to apply the Beatitudes to our lives, how to make a moral decision, and how to form our consciences. We research Church teachings and discuss contemporary moral issues, and how to live like Christ in the modern world. First in the 11th grade series.

0.5 credit – Grade 11

TH321– INTER-RELIGIOUS DIALOGUE

The purpose of this course is to introduce students to the religions of the world. Each chapter includes sections about the sacred history, sacred stories and scriptures, sacred beliefs and practices, sacred times, and sacred places and spaces of each of the major religions of our world. Each chapter also includes a special section that compares and contrasts this world religion with Catholic Christianity. We address ecumenism, work of reunification of Christianity, and the Catholic approach to other world religions. We arrive at a unique and careful appreciation for these religions and our own. Second in the 11th grade series.

0.5 credit – Grade 11

TH420 – CATHOLIC SOCIAL TEACHING

The purpose of this course is to introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission. Topics include Life and Dignity of the Human Person, The Call to Family, Community, and Participation, Rights and Responsibilities, Option for the Poor and Vulnerable, the Dignity of Work and Rights of Workers, Solidarity, and Care for God's Creation. We study the Corporal Works of Mercy and work to apply them to our lives. First in the 12th grade series.

0.5 credit – Grade 12

TH421 – SACRAMENTS

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the seven sacraments in detail so as to learn how they may encounter Christ throughout life. Second in the 12th grade series.

0.5 credit – Grade 12

WORLD LANGUAGE

If you opt to enroll in a course without meeting the prerequisites you may find it extremely difficult and may require added study time and/or remedial work. It is the responsibility of the student and the parent to make certain that all prerequisites are met prior to taking a course.

FRENCH

WL105 - BEGINNING FRENCH

This class is an introduction to basic French language and culture. It provides instruction in everyday topical vocabulary, sentence structure, simple grammar topics, and pronunciation. The syllabus includes tips and strategies for learning a second language. The class is taught using a variety of methods: direct translation, comparing and contrasting with English, audio-lingual and Total Physical Response. Students read, write, speak and listen to both manufactured and authentic French in the classroom and in the language skills lab. All French students are expected to take the National French Test (Le Grand Concours) in March.

1 credit – Grade 9

WL203 - INTERMEDIATE FRENCH

In the first half of this course, students review the vocabulary and grammar of the previous course, learning to use it in more complex structures. The culture of overseas Francophone countries is introduced (French Canada, French-speaking Africa, Polynesia, the Caribbean.) Other cultural and historical topics of mainland France are explored, including the French education system, French fashion, cuisine and table manners. In the second half of the course, new, more advanced grammar topics and structures are presented, along with new vocabulary. Students continue to access a variety of instructional tools and begin to use reference materials independently. Students demonstrate mastery of topics with written and oral evaluations and paper and computer-generated projects. All French students are expected to take the National French Test (Le Grand Concours) in March.

1 credit – Grades 9, 10

Prerequisite: Beginning French or placement test

WL301 – IB FRENCH SL I (ADVANCED FRENCH)

Students in this IB course will understand and use French in a range of contexts and for a variety of purposes, including preparation for the IB exams. Students will develop receptive, productive and interactive skills through social interaction, the study of texts, the use of audio and video clips, oral presentations, and the crafting IB-style writing samples. The development of these skills will lead to an awareness and appreciation of global issues and the different perspectives of French-speaking peoples about these issues. Students will be assessed on their ability to communicate clearly and effectively in a range of situations, demonstrating linguistic

competence, both oral and written, auditory competence, and intercultural understanding of the IB themes (identities, experiences, human ingenuity, social organization, sharing the planet) as they relate to the francophone world. All French students are expected to take the National French Test (Le Grand Concours) in March.

1 credit – Grades 10, 11

Prerequisite: Intermediate French

WL404 - IB FRENCH SL II (HONORS FRENCH LITERATURE AND COMPOSITION)

Students in this IB course will continue to use French in a range of contexts and for a variety of purposes. Students will refine receptive, productive and interactive skills, through class discussion and debate, plus the study of texts and audio and video clips. Students will be assessed on their ability to understand and comment on textual, musical, photographic, and audio-visual input, communicate clearly and effectively with a strong vocabulary and complex grammar and syntax in a range of situations, demonstrating linguistic competence, both oral and written, auditory competence, and intercultural understanding of the IB themes (identities, experiences, human ingenuity, social organizations, sharing the planet) as they relate to the francophone world. Student progress will be assessed according to International Baccalaureate standards, and the IB evaluations will be undertaken in the spring semester. Only IB Diploma and Certificate students will be required to take end-of-course IB External Assessment Tests; all students will be required to do an IB Internal Assessment Portfolio. In addition, all French students are expected to take the National French Test (Le Grand Concours) in March.

1 credit – Grades 11, 12

Prerequisite: B in IB French SLI (Advanced French)

LATIN

WL106 - BEGINNING LATIN

Beginning Latin covers the foundations of Latin grammar, vocabulary acquisition, translation, reading comprehension, and an introduction to the Classical World with a focus on daily life in ancient Rome and classical mythology. Derivation of English words from Latin roots is also emphasized as an effective means of increasing the student's English vocabulary and usage. All Latin students are expected to take the National Latin Test in March.

1 credit – Grade 9

Prerequisite: None

WL204 - INTERMEDIATE LATIN

Intermediate Latin introduces students to more complex Latin grammar forms and develops effective Latin translation and comprehensive reading skills. There is a continued emphasis on Latin and English vocabulary acquisition and word building using prefixes and root words. The study of Roman history, culture, and mythology is continued in greater depth. All Latin students are expected to take the National Latin Test in March.

1 credit – Grades 9, 10

Prerequisite: Beginning Latin, Placement Test or Teacher's Consent

WL312 – IB LATIN HL/SL I (ADVANCED LATIN)

This course provides an opportunity for all students to continue their exploration of the Latin language, and the literature and culture of the Classical World. Advanced Latin is designed to enable the student to reach an appropriate level of knowledge and understanding of Latin and to use this understanding for a variety of purposes, including translation, comprehension and research. This course will also encourage, through the study of texts and other products of Greece and Rome, an awareness and appreciation by the student of the different perspectives of people from those cultures. All Latin students are expected to take the National Latin Test in March.

1 credit – Grades 10, 11, 12

Prerequisite: Intermediate Latin

WL422 – IB LATIN HL/SL II (HONORS LATIN)

The Latin authors and selections to be studied at this level will be chosen from the International Baccalaureate Latin Syllabus. Students will also extend their knowledge of Latin and the Classical World through projects and class presentations. Only IB Diploma and Certificate students will be required to take end-of-course IB External Assessment Tests; all students will be required to do an IB Latin Internal Assessment Portfolio. All Latin students are expected to take the National Latin Test in March.

1 credit – Grades 11, 12

Prerequisite: B in Advanced Latin or Teacher's Consent

SPANISH**WL107 - BEGINNING SPANISH**

This class is an introduction to basic Spanish language and culture. It provides instruction in everyday topical vocabulary, sentence structure, simple grammar topics, and pronunciation. The syllabus includes tips and strategies for learning a second language. The class is taught using a variety of methods: direct, translation, comparing and contrasting with English, audio-lingual and Total Physical Response. Students read, write, speak and listen to both manufactured and authentic Spanish in the classroom and through the use of online applications.

1 credit – Grade 9

WL205 - INTERMEDIATE SPANISH

In the first half of this course, students review the vocabulary and grammar of the previous course, learning to use it in more complex structures. The culture of Spain and Latin America is further explored, including geography, economics, cuisine and table manners. In the second half of the course, new, more advanced grammar topics and structures are presented, along with new vocabulary. Audio stimuli from different

countries is introduced so that students have exposure to different accents. Students continue to access a variety of instructional tools and begin to use reference materials independently. Students demonstrate mastery of topics with written and oral evaluations and paper and computer-generated projects.

1 credit

Prerequisite: Beginning Spanish or Placement Test

WL333 – IB SPANISH SL I (ADVANCED SPANISH)

Students in this IB course will understand and use Spanish in a range of contexts and for a variety of purposes, including preparation for the IB exams. Students will develop receptive, productive and interactive skills through social interaction, the study of texts, the use of audio and video clips, oral presentations, and the crafting IB-style writing samples. The development of these skills will lead to an awareness and appreciation of global issues and the different perspectives of Spanish-speaking peoples about these issues. Students will be assessed on their ability to communicate clearly and effectively in a range of situations, demonstrating linguistic competence, both oral and written, and intercultural understanding of topics such as identity, the human experience, human ingenuity, global issues such as clean air and water, homelessness, and poverty, and the customs and traditions of the Spanish-speaking world.

1 credit – Grades 10, 11

Prerequisite: Intermediate Spanish

WL440- IB SPANISH SL II (HONORS SPANISH LITERATURE AND COMPOSITION)

Students in this IB course will continue to use Spanish in a range of contexts and for a variety of purposes. Students will refine receptive, productive and interactive skills, through class discussion and debate, plus the study of texts and audio and video clips. The development of these skills will lead to an awareness and appreciation of the different perspectives of Spanish-speaking peoples. Students will be assessed on their ability to understand and comment on textual, musical, photographic, and video input, communicate clearly and effectively with a strong vocabulary and complex grammar and syntax in a range of situations, demonstrating linguistic competence, both oral and written, and intercultural understanding of topics such as identity, the human experience, human ingenuity, global issues such as clean air and water, homelessness, and poverty, and the customs and traditions of the Spanish-speaking world. Student progress will be assessed according to International Baccalaureate standards, and the IB evaluations will be undertaken in the spring semester. Only IB Diploma and Certificate students will be required to take end-of-course IB External Assessment Tests; all students will be required to do an IB Internal Assessment Portfolio.

1 credit – Grades 11, 12

Prerequisite: B in IB Spanish SL I (Advanced Spanish)

WL550- HONORS SPANISH V

In this course, students will begin by exploring how human ingenuity expresses itself in the fields of technology, media, and entertainment, with a focus on Mexico and Puerto Rico. The second theme evaluates the education system and the working world. Students will compare

and contrast these topics for Spain and two other Hispanic countries. In the second semester, the topics will be human rights and a topic chosen by the students for a summative class discussion. Grammar will be studied in a “pop-up” manner, as it comes up in aural and written sources. Students will practice presentational and conversational (listening and speaking) skills, and will write short synopses of current events and theme-related topics. The class is limited to those who have successfully completed the Honors / IB course.

1.0 Credit - 12 (recommendation only)

Prerequisite: Successful completion of Honors/IB course AND teacher recommendation