

# 2022-2023 Brebeuf Jesuit Course Catalog

## TABLE OF CONTENTS

Introduction.....	2
Curriculum Features.....	4
Graduation Requirements.....	6
Academic Information and Policies.....	9
School and College Counseling Department.....	13
Computer Science Department.....	15
English Department.....	18
Mathematics Department.....	27
Physical Education Department.....	36
Religious Studies Department.....	39
Science Department.....	43
Social Studies Department.....	50
Visual & Performing Arts Department.....	58
World Languages Department.....	69

*\*\*Please note that courses in printed material are subject to change. For the most accurate information, please see Brebeuf Jesuit's Course Catalog online at [Brebeuf.org](http://Brebeuf.org).*

Dear Students and Parents,

Enclosed in this catalog is information to help you select your desired courses for the 2022-2023 school year.

Brebeuf Jesuit offers a rigorous, college-preparatory curriculum for all students, including a wide array of elective, AP, and Honors courses. As a Jesuit school, our program aims to provide the highest-quality academic preparation, while also forming our students for a lifetime of leadership in service to others as men and women who are intellectually competent, open to growth, loving, religious and committed to promoting justice. We continuously review our curriculum and expand it where appropriate to meet the needs of our students.

School Counselors are committed to preparing students for undergraduate studies with a four-year schedule best suited to their individual needs. Our course request process includes at least one individual meeting of every student with their School and College Counselors. Parents are welcome to attend these meetings as well. Please address any questions to our School Counseling staff by calling 317.524.7050.

We look forward to an academic year that promises to be challenging, rewarding and inspiring to students, parents, faculty and staff alike.

Sincerely,

Greg VanSlambrook  
Principal

## **MISSION STATEMENT**

Brebeuf Jesuit, a Catholic and Jesuit school, provides an excellent college preparatory education for a lifetime of service by forming leaders who are intellectually competent, open to growth, loving, religious, and committed to promoting justice. Fostering a culture of understanding and dialogue, Brebeuf Jesuit seeks and welcomes students from diverse religious,

ethnic, and socio-economic backgrounds. Students at Brebeuf Jesuit are called to discover and cultivate the fullness of their God-given talents as a responsibility and as an act of worship.

## **CORE VALUES**

### Education of the Whole Person

Brebeuf Jesuit fosters the intellectual, spiritual, physical, emotional, and social development of every student. Each student is challenged and inspired to strive for academic excellence, to engage whole-heartedly in co-curricular activities, to develop confidence in leadership abilities, and to discover God's presence in everyday life. As students grow in each of these areas, they become more able to share their unique gifts as men and women for others.

### A Caring and Diverse Community

Brebeuf Jesuit believes that the authentic development of each student unfolds within a safe and supportive environment. Rooted in the Catholic tradition and guided by its Jesuit heritage, the Brebeuf community embraces the fullness and diversity of creation, accepts and respects all people, and encourages genuine interreligious and intercultural dialogue. Brebeuf Jesuit's ultimate goal is that every student will journey through life with the confident assurance of a personal friendship with a loving God.

### The Greater Glory of God

Through intellectual pursuit, prayerful discernment and generous service, Brebeuf Jesuit strives to give students the foundation, the skills and the will to make the world more just, humane and loving. All are called to a holy boldness – to do all things for the greater glory of God.

## **CURRICULUM FEATURES**

### **Curriculum Overview**

Brebeuf Jesuit offers a rigorous academic curriculum in the Jesuit tradition. Our goal is that every student will be challenged to develop his or her intellectual gifts “as a responsibility and as an act of worship.” Students are expected to be fully engaged in their learning, and our faculty provides the experiences that encourage them to do so. The curriculum of each course meets and typically exceeds the expectations set by the Indiana State Standards. Critical thinking, effective communication, personal responsibility, and use of technology tools are all emphasized throughout.

### **COURSE DESIGNATIONS**

Brebeuf Jesuit offers a curriculum to challenge every student and to meet their unique interests and needs. There are no exclusive tracks or all-or-nothing academic programs at Brebeuf Jesuit; we seek to offer students the flexibility to create a schedule that best meets their goals. We offer the Honors and AP courses to challenge the most accelerated students, and all of our courses will prepare students for college-level work.

### **Advanced Placement**

Advanced Placement (AP) courses are available in several subjects for students who desire to take courses that are clearly college level in content, approach, and workload. We offer the great majority of AP courses that the College Board has created, and all of our AP courses are approved by the College Board’s “audit” process. At the end of an AP course, many students take the nationally administered AP Exam for that course. Successful completion of the national AP Exam results in the student receiving college credit for the course from most, but not all, colleges. Students who take AP courses also benefit from receiving additional weight being placed on the course, which impacts their GPA. Approximately half of Brebeuf Jesuit seniors and juniors take one or more AP courses.

### **AP courses currently offered at Brebeuf Jesuit are:**

Biology - AP	Microeconomics - AP
Calculus A-AP	Physics 1- AP
Calculus AB-AP	Physics - AP-C
Calculus BC-AP	Psychology - AP
Chemistry - AP	Spanish Language - AP
Computer Science - AP	Statistics 1, 2 - AP
Computer Science: Principles AP	Studio Art - AP
English Literature and Composition - AP	U.S. Government and Politics - AP
English Language and Composition - AP	Government and Politics: Comparative - AP
Environmental Science - AP	U.S. History - AP
European History - AP	World History: Modern - AP
French Language - AP	Human Geography - AP
Macroeconomics - AP	

### **Indiana University ACP Program**

The Advanced College Project (ACP) is a dual-credit program between Indiana University and Brebeuf Jesuit. ACP at Brebeuf offers the option for college credit for three Indiana University courses: W131 (see Advanced Composition - ACP (W131)), M211 (see Calculus 1 & 2 - ACP (M211)), and A202 (see Genres in Literature - ACP (A202)). Students who meet the requirements for enrollment have the option to earn college credit for an additional fee. **Indiana University requires that students must have a minimum 2.7 GPA in order to be eligible for ACP credit.** Students who enroll in the course for credit will begin college with a college transcript from Indiana University because they will have completed a college course. Credit for this course transfers to many but not all universities.

### **Learning Center**

The Learning Center offers support services to students who have a language-based learning difference or Attention-Deficit-Hyperactivity Disorder. An educational evaluation by a licensed psychologist is required in order for a student to be considered for placement in the Learning Center. The Learning Center teachers assist students with study skills in the content areas, teach compensatory strategies for learning differences, and serve as a liaison between the parent, the student, teachers, School Counselors, and College Counselors. Students who are admitted to the Learning Center will be scheduled four periods per week (200 minutes) with a Learning Center teacher. Students in the Learning Center follow the curriculum requirements of all Brebeuf Jesuit students. There is an additional fee for the service due to the personalized teaching.

## General Graduation Requirements

Brebeuf Jesuit students must earn 50 credits in accordance with state law. Most courses offer one credit per semester of study. Forty-two credits must be completed within specified areas of study; the remaining eight credits may be completed through elective courses.

Each student at Brebeuf Jesuit is required to take at least six courses for credit each semester. Freshmen must take seven courses. Other students may choose to take more than six courses during a particular semester and are generally encouraged to take seven courses. On rare occasions, some students take eight courses during a semester. A student interested in doing this should consult their School Counselor.

## COURSE REQUIREMENTS BY DEPARTMENT

**Computer Science (1 Credit)** One credit in computer science is required. Freshmen take a one-semester course: Digital Citizenship. One-semester electives are offered in advanced computer electives such as Web Design and Programming.

**English (8 Credits)** Eight credits in English are required, and students must take an English course during every semester. Courses for freshmen, sophomores and juniors are specified. Seniors have a variety of options for their last two credits. They may take year-long courses such as Literature and Composition–AP or a combination of Advanced Composition ACP and English literature electives. (Note: although they may be taken as an elective course, neither Student Publications courses nor the Creative Writing class may be taken to fulfill any of the eight credits for the English requirement.)

**Mathematics (6 Credits)** Six credits in mathematics are required. Required courses are Algebra I (two semesters), Algebra II (two semesters) and Geometry (two semesters). Incoming students may receive advanced standing if, on Brebeuf Jesuit's Algebra Placement Exam, proficiency in Algebra I is shown. Most Brebeuf Jesuit students take more than the required three years of math.

**World Languages (4 Credits)** Four credits in the same language are required. French, Latin, Spanish and Mandarin Chinese are offered. French, and Spanish are available at the Advanced Placement level, when there are enough students to constitute a class. Incoming students who have studied a world language in junior high may take a placement test to move to the second or third level of the language as freshmen. Students are encouraged to continue in a world language beyond the required two years.

**Physical Education and Health (3 Credits)** Three credits in the area of Physical Education and Health are required. Two semesters of Physical Education are required and must be completed before the beginning of the sophomore year. The other credit is earned by taking the required semester of Health during the junior year.

**Religious Studies and Community Service (8 Credits)** Eight credits in religious studies are required. Students take two semesters in each of the freshmen, sophomore, and junior years, then one additional semester course in the senior year. The remaining credit is earned through the Community Service during the junior or senior year, which includes the requirement of 30 hours of service to the community.

**Science (6 Credits)** Six credits (three years) are required. All freshmen take Biology I. In addition, students must take (1) a full year of either Chemistry or Physics and (2) one additional year-long science course. Most students take more science classes than the required three years.

**Social Studies (6 Credits)** Six credits are required. All freshmen take World History and Civilizations, and sophomores take U.S. History. During the senior year, students are required to take one semester each of Economics and Government. Several electives are offered, and most students choose to take one or more of them.

**Visual and Performing Arts (2 Credits)** Two credits from the Visual and Performing Arts Department are required. Students must complete one additional credit from any Visual & Performing Arts elective; options include electives in the areas of speech, visual arts, or vocal and instrumental music.

## STATE OF INDIANA ACADEMIC HONORS DIPLOMA REQUIREMENTS

Students seeking the Indiana Academic Honors Diploma should discuss this option with their School Counselor when selecting courses. In order to earn the Indiana Academic Honors Diploma, students must meet the Brebeuf Jesuit diploma and following state requirements:

1. Earn grades of “C-” or above in all courses required for this diploma
2. Earn an overall grade point average of at least a 3.0 (“B”)
3. One of the following must be completed:
  - a. AP courses equaling 4 credits (two full-year AP courses or four one-semester AP courses) and corresponding AP exams
  - b. Academic, transferable dual high school/college courses resulting in 6 college credits
  - c. AP courses equaling 2 credits (one full-year AP course or two one-semester AP courses) and AP exam and academic transferable dual high school/college courses resulting in 3 college credits
  - d. The student must earn a composite score of 1250 or higher on the SAT and a minimum of 560 on math and 590 on the evidence based reading and writing section.
  - e. Earn an ACT composite score of 26 or higher and complete written section
4. Meet the following course requirements:

Department	Brebeuf Jesuit Diploma	Indiana Academic Honors Diploma
Computer Science	1 credit	1 credit
English	8 credits	8 credits
Mathematics	6 credits	8 credits
World Languages	4 credits	6 credits in one language OR 4 credits each in two languages
Visual and Performing Arts	1 credit Fine or Performing Arts <i>in addition to</i> 1 credit of Speech IAHD counts Speech & Debate as English courses, so credits from these courses cannot count toward Fine Arts credit requirements.	2 credits Fine or Performing Arts <i>in addition to</i> 1 credit of Speech (Courses offered that count toward the IAHD Fine Arts requirement are: Wheelthrowing, Handbuilding, Computer Graphics, Drawing, Painting, World Drumming, Newspaper, Yearbook, Applied Music, Advanced Concert Band, Advanced Orchestra, Choral Chamber Ensemble, Instrumental Ensemble, Intermediate Chorus, Intermediate Orchestra, Piano, Photography, Studio Art – AP.)

Physical Education and Health	3 credits – 2 credits Physical Education 1 credit Health	3 credits – 2 credits Physical Education 1 credit Health
Religious Studies	8 credits	8 credits
Science	6 credits	6 credits
Social Studies	6 credits	6 credits
Additional Electives	8 credits (which includes Computer Applications, Speech, and Speech/VPA elective, all of which are required by Brebeuf for graduation)	11 credits (which includes Computer Applications, Speech, and Speech/VPA elective, all of which are required by Brebeuf for graduation)

## **GRADUATION REQUIREMENTS/GRADUATION PATHWAYS REQUIREMENTS - CLASS OF 2023 AND BEYOND**

\*\*Subject to change by the Indiana Department of Education

Beginning with the class of 2023, students must satisfy all three of the following graduation requirements:

- Complete course requirements for Diploma with Core 40 Designation OR Diploma with Core 40 and Academic Honors Designation,

AND

- Learn and demonstrate the following Employability Skills option: Completion of a service-based learning experience. The Community Service course meets this requirement at Brebeuf Jesuit.

AND

- Demonstrate at least one (1) of the following Postsecondary-Ready Competencies offered at Brebeuf Jesuit:
  - Honors designation: fulfill all requirements of either the Academic or Technical Honors designation
  - ACT: earn the college-ready benchmarks scores
  - SAT: earn the college-ready benchmarks scores
  - Armed Services Vocational Aptitude Battery (ASVAB): earn at least a minimum Armed Forces Qualification Test score
  - AP /International Baccalaureate/Dual Credit courses: earn a C average or higher in at least three (3) course

Further information regarding Indiana graduation requirements can be found at

<https://www.doe.in.gov/school-improvement/student-assistance/indiana-graduation-requirements>.

## Academic Information and Policies

**Minimum course load** for students is seven classes per semester.. Independent study courses and online courses do not count toward this minimum.

**Report cards** are emailed home at the end of each semester, and **Progress Reports** are posted each quarter and midway through each quarter. These will, however, be withheld for nonpayment of fees or tuition. Semester grades are the only grades of permanent record (i.e., only semester grades appear on Brebeuf Jesuit transcripts).

**Letter grades** A through D reflect a quality of performance that ranges from excellent to minimally acceptable, respectively. The grade of F represents an unacceptable level of performance. When a student fails a year-long or one-semester course that is required for graduation, he/she must retake the course. Options for retaking a failed course include the following (all options require pre-arranged approval of the Principal):

1. Completion of an approved, equivalent course taken at an accredited summer program. Note: Students receiving a failing grade in Algebra I must retake Algebra I at Brebeuf Jesuit.
2. Completion of an equivalent college-level course at an accredited university (original transcript must be provided at the completion of course in order to have the grade appear on Brebeuf Jesuit transcript)
3. Retaking the course in a later semester

When an F is received in a course such as Algebra I, Algebra II, Geometry, French, Spanish, Chemistry, Physics or English (i.e., year-long courses with content that builds from basic to more advanced learning), the student may remain in the second semester only through special arrangement made by the student's Counselor and based on the advice of the teacher. If a student fails the first semester but receives a passing grade for the second semester of these types of year-long courses, the first semester grade will be changed to a D-.

**Grade Point Averages**(GPAs) are assigned according to the following numerical values:

A = 4.00	B+ = 3.33	C+ = 2.33	D+ = 1.33	F = 0.00
A = 3.67	B = 3.00	C = 2.00	D = 1.00	
	B- = 2.67	C- = 1.67	D- = .067	

**The Grading Scale** is as follows:

A = 93-100	B+ = 87-89	C+ = 77-79	D+ = 67-69	F = 0-59
A- = 90-92	B = 83-86	C = 73-76	D = 63-66	
	B- = 80-82	C- = 70-72	D- = 60-62	

**Rounding of final percentages** is a policy decision that is at the discretion of each academic department. If a department does not have a uniform policy on rounding, then it is up to an individual teacher.

**Added GPA weights:** Honors-designated courses receive an additional +0.5 weight when calculating a student's GPA. AP and ACP courses receive an additional +1.0 weight.

An example of calculating GPA is as follows:

Quarter 1	Grade	Numeric Value	(Credit x Value) + Weight	Total
Algebra II	B-	2.67	$1 \times 2.67 =$	2.67
English 10- <b>Honors</b>	A	4.0	$(1 \times 4.0) + 0.5 =$	4.5
PE	B	3.0	$1 \times 3.0$	3.0
Religion II	B+	3.33	$1 \times 3.33 =$	3.33
Spanish III	A-	3.67	$1 \times 3.67 =$	3.67
US History- <b>AP</b>	A-	3.67	$(1 \times 3.67) + 1.0 =$	4.67
Wind Ensemble	A	4.0	$1 \times 4.0 =$	4.0
			Sum of total / Sum of credits = GPA	$25.84/7=3.69$

#### Academic Honors Designations

- An **Honors** designation is awarded each semester to those students with averages of 3.5 through 3.74.
- A **High Honors** designation is awarded to those with averages of 3.75 through 3.99.
- A **Class Honors** designation is awarded to students with averages of 4.0 or better.
- **Graduation Honor status** determination is based on an *eight-semester cumulative average*.

**Academic Probation** is enforced as Brebeuf Jesuit students are required to maintain a GPA of 2.0. If a student's GPA is below 2.0 at the close of a grading period, he or she will be placed on **Academic Contract (academic probation)**. The terms of the academic contract will be created after conversation about the student's needs among the student, parents, Counselor, and Principal or Assistant Principal. *Any student who fails three or more courses in a school year will be dismissed.*

**Grades of "I" for Incomplete** may be given in rare situations upon approval of the teacher and the Principal, where some portion of the class work is not completed due to extenuating circumstances. Incomplete grades must be rectified by the beginning of the following semester.

**Eligibility:** A student who is not passing at least five subjects in any marking period becomes ineligible in IHSAA athletics for that marking period and the entire following quarter. The student will also be ineligible for participation in any co-curricular programs. A student's eligibility will not resume prior to the end of the next grading period.

**Extra time for tests** is made available for a Brebeuf Jesuit student who has a written report concerning the nature of the learning disability or physical condition that necessitates extended time testing and must be filed with the student's School Counselor. This report and recommendation may come from a psychologist, physician (for medical conditions) or learning disabilities specialist and must be updated every three years. (Brebeuf Jesuit uses the criteria that the College Board outlines

to determine eligibility for extended time PSAT or SAT testing.) Copies of the College Board guidelines may be obtained from the Extended Time Coordinator. All students who qualify for extended time testing through the College Board are expected to use extended time testing for exams (finals) in order to maintain eligibility for extended time on standardized tests (SAT, ACT, etc.). Parents are responsible for applying to ACT for extended time at ACT.com.

Students enrolled in Brebeuf Jesuit's Learning Center are scheduled for one period each day to receive support services. Learning Center students may take some of their routine tests and quizzes in the Learning Center or may take them with the rest of the class under the supervision of the classroom teacher. In either case, extra time should not exceed one-and-a-half or two times the normally allotted time for the tests. (The recommendation on the individual's report determines the amount of extra time the student is allowed.) Students who are not enrolled in the Learning Center but who have a documented need for extra time for tests will take tests and quizzes under the classroom teacher's supervision. In this case, extra time should not exceed one-and-a-half or two times the normally allotted time for the test.

**Class scheduling:** Students will be contacted by their Counselors regarding how to make an appointment for their individual conferences. **These conferences are mandatory for students, and parents are strongly encouraged to attend.**

**Schedule changes** may be made on specified dates prior to the start of each semester. To change a schedule, the student needs to meet with his or her School Counselor. After the beginning of the semester, students may only add, drop or change classes within the designated change days. It is the policy of Brebeuf Jesuit not to give preferential treatment with regard to teacher selection.

**Withdraw Pass/Withdraw Fail (WP/WF):** STUDENTS MAY DROP A CLASS at Brebeuf Jesuit, but must do so before the first progress report due date of the semester. Withdrawing from a class after the first progress report requires that a notation be made on the student's transcript. The minimum course load for students is seven classes per semester, and this requirement must be met.

Dates	Able to drop?	Transcript Notation
Beginning of semester until the day before the first progress report due date of the semester	Yes	None
First progress report due date of the semester until the end of the quarter (first quarter for first semester classes; third quarter for second semester classes)	Yes	WF or WP*
End of first or third quarter until the end of the semester	No**	Final Course Grade

\* Courses dropped between the first progress report due date and the first or third quarter will be withdrawn from the class with a notation of "Withdraw Pass" (WP) or "Withdraw Fail" (WF) on the student transcript.

\*\* After the midway point of the semester (first and third quarter grades due), students will be unable to drop courses.

**Full senior year requirement:** In order to receive the Brebeuf Jesuit diploma, a student must be in attendance at Brebeuf Jesuit during both semesters of his or her senior year.

#### **Transferring Credits into Brebeuf Jesuit and Credit by Examination**

When students transfer into Brebeuf Jesuit after attending another high school, the credits that they earned in their previous schools may be applied to the requirements for the Brebeuf Jesuit diploma. However, only credits for courses

which are comparable to courses actually offered by Brebeuf Jesuit are counted toward the Brebeuf Jesuit diploma. When calculating any student's grade point average, Brebeuf Jesuit only weights courses that are designated by course title and description as Advanced Placement, Honors or ACP. Even if the previous school has weighted the grade for a course that is not designated as above, Brebeuf Jesuit will not weight the grade when calculating the student's Brebeuf Jesuit grade point average. All final decisions regarding transfer of credits are at the discretion of the Principal.

There are few exceptions for currently enrolled students in which credits will be accepted for courses taken at schools other than Brebeuf Jesuit. If a situation exists in which a student would like to transfer credit from another institution, *permission from the Principal's Office must be obtained prior to taking the course.* Examples of situations in which transfer of credit might be permitted include studying abroad or taking a course to make up credit for failure in a Brebeuf Jesuit course.

Credit earned by examination does not count toward the minimum credit requirements for Brebeuf Jesuit or for the Indiana Academic Honors Diploma. The number of credits listed for each department refers to the minimum number of credits they must earn by taking Brebeuf Jesuit courses. For example, if a student earns credit by examination for Algebra I, he or she will still be required to earn six credits of math by taking courses at Brebeuf Jesuit.

### **Updated Policy for Class of 2026 Credit For High School Courses Taken While in Middle School**

Many incoming freshmen will take high school level classes while in middle school, and at Brebeuf Jesuit, we recognize the value in taking high school level courses in order to further a student's study in content areas, not to fulfill high school requirements during the middle school years.

Some incoming students will earn high school credit and receive a high school transcript for classes that they have taken during their middle school years. While the Indiana Department of Education may allow schools in some situations to accept these credits, there may be negative effects to a student's cumulative grade point average if those grades are not weighted. There are limited situations where Brebeuf Jesuit will accept high school credit for a course taken during middle school, but our preference is to limit the courses listed on our transcript to those taken at Brebeuf Jesuit, and to use middle school courses as part of the placement process only.

### **Math**

All incoming 9th grade students, including those who took Algebra I, Geometry, or Algebra II in middle school, will take a Brebeuf Jesuit math placement exam to help determine course placement for the freshman year. Math classes taken for high school credit in middle school will not be listed on a student's Brebeuf Jesuit transcript, and, therefore, will not be factored into their cumulative grade point average. Advanced math placement will be determined by a student's middle school coursework, placement exam performance, and other application requirements. Middle school math coursework will not count towards the six credits of Mathematics required for the Brebeuf Jesuit Diploma or the eight credits of Mathematics required for the Indiana Academic Honors Diploma.

### **World Language**

Students who took French, Latin, Mandarin Chinese, or Spanish in middle school will take a placement exam to determine advanced course placement of the same language at Brebeuf Jesuit. Incoming freshmen who can provide an official high school transcript for their middle school world language coursework may bypass the placement exam for that language. World language classes taken for high school credit in middle school will not be listed on a Brebeuf Jesuit transcript, and, therefore, will not be factored into their cumulative grade point average. Middle school world language coursework will not count towards the four credits of world

language required for the Brebeuf Jesuit Diploma or the six credits of world language required for the Indiana Academic Honors Diploma.

### **Science**

Biology is a graduation requirement for both the Brebeuf Jesuit Diploma or the Indiana Academic Honors Diploma; therefore, students who took high school Biology in middle school will earn high school credit at Brebeuf Jesuit. For students who can provide an official high school transcript for their Biology coursework, they may bypass the Biology mastery exam in order to take Honors Chemistry during the freshman year. For students who can not provide an official high school transcript for their Biology coursework, they will take a Biology mastery exam. Honors Chemistry placement will be determined by a student's middle school coursework, mastery exam performance, and other application requirements. Students who receive credit by demonstrating proficiency on the Biology mastery exam will be awarded a letter grade of "A" for each semester on the student's transcript, and students who earned high school credit for Biology will earn the letter grade that is listed on the official high school transcript. Middle school science coursework will not count towards the six credits of science required for the Indiana Academic Honors Diploma.

### **Physical Education**

All incoming freshmen are required to take a Physical Education course, and transfer credits for Physical Education will not be accepted for incoming freshmen.

## **School and College Counseling Department**

### **Ignatian Scholars Program**

The Ignatian Scholars Program is a signature program at Brebeuf Jesuit that focuses on academic excellence, leadership, and service. There are themes for each year of the program: 9th Grade: Knowing Yourself; 10th Grade: Finding Your Passion; 11th Grade: Living Your Passion; and 12th Grade: Planning your Future/Mentoring Others. Each Ignatian Scholar participates in an Ignatian Scholars Seminar once a week throughout each year with a structured, sequential curriculum. For more information, please call 317.524.7079.

### **1016-1019 (Fall) Freshman Seminar**

(One Semester Course)

- *Required course*
- *One credit course*
- *Current freshmen*
- *Course meets during a student's break period once in the 8-day rotation*
- *Graded as a Pass/Fail course*

Freshman Seminar is assigned to all freshmen for the fall semester of their first year. The purpose of the seminar is to aid the student's transition into the high school setting and to begin preparing the student to make post-secondary education plans. Some of the items covered will be learning graduation requirements for the Indiana Academic Honors and Core 40 Diplomas, how to figure GPAs, and other transition issues. Progress and Quarter report check-ins will also be given at appropriate times. Information about clubs, diversity, decision-making, bullying issues, healthy relationships, college and career readiness and stress management skills will be discussed. This course is graded on a Pass/Fail basis. Attendance is mandatory.

### **1009-1020 (Spring) College Counseling Seminar**

(One Semester Course)

- *Required course*
- *One credit course*
- *Current Sophomore/transfer students (who enter in their junior year)*
- *Course meets during a student's break period once in the 8-day rotation*
- *Graded as a Pass/Fail course*

College Prep Seminar is assigned to all sophomores and transfer students (who enter Brebeuf Jesuit in their junior year) for the spring semester of their sophomore or first year. The purpose of the seminar is to provide students with a thorough understanding of the steps necessary for a successful college search and selection process. Discussion topics will include: college research, application process, resume building, standardized testing and preparation, summer programs, internships, campus visits, scholarships, and interviewing. This course is graded on a Pass/Fail basis. Attendance is mandatory.

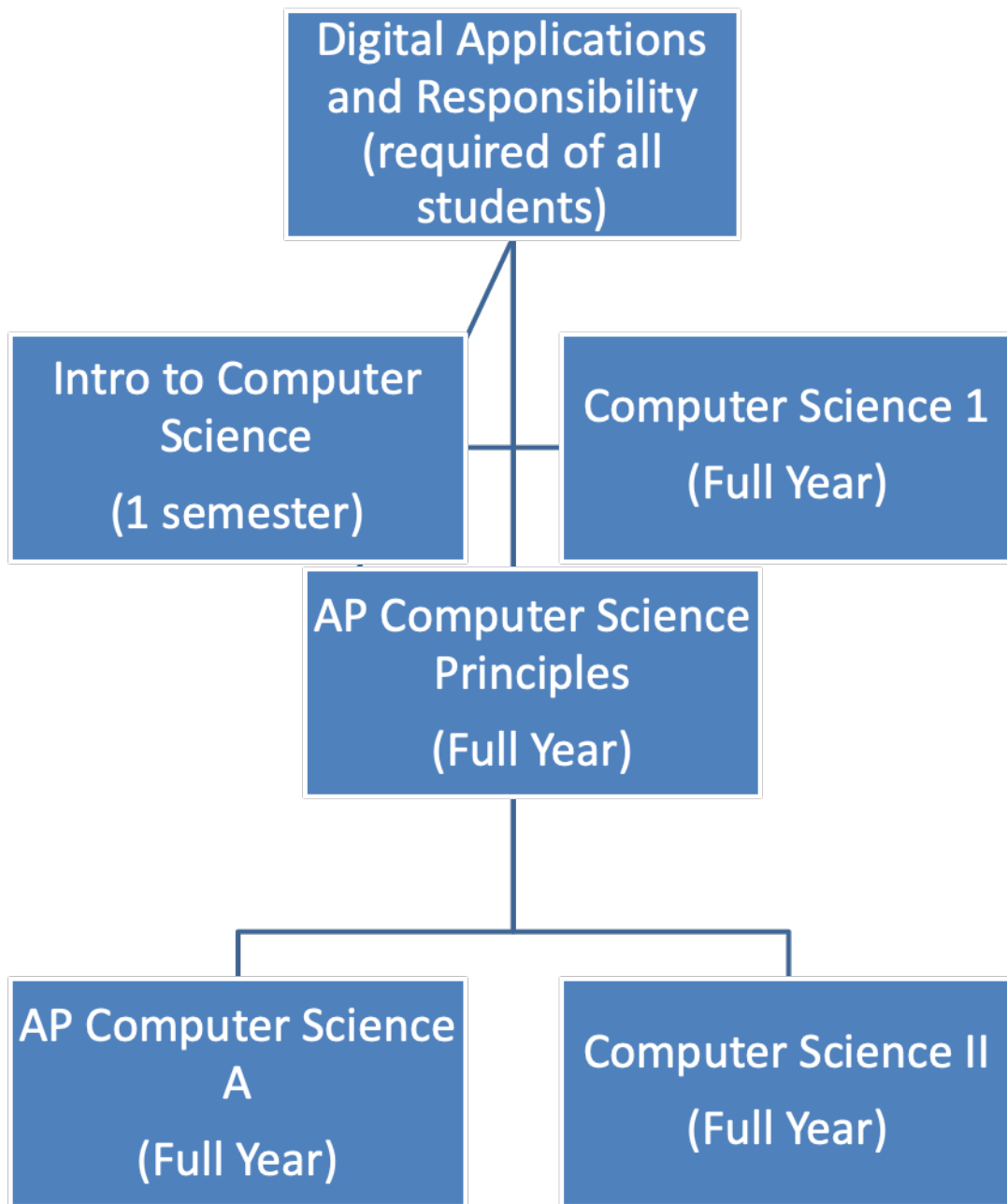
### **1010 (Fall) Transfer Seminar**

(One Semester Course)

- *Required course*
- *One credit course*
- *Transfer students who enter in their sophomore, junior or senior year*
- *Class meets during a student's break period once in the 8-day rotation*
- *Graded as a Pass/Fail course*

Transfer seminar is a class assigned to all students who enter Brebeuf Jesuit after their freshman year. The purpose of the seminar is to ensure a successful transition into Brebeuf by providing additional support in the following areas: getting to know other transfer students, learning about student life (clubs, retreats, community service, athletics and other activities available), support services available (School and College Counseling services and school Social Worker), Jesuit Identity and Grad at Grads, study skills and the importance of meeting with teachers, stress management techniques, depression education and healthy relationships.

## COMPUTER SCIENCE DEPARTMENT



## 6015 Digital Applications and Responsibility

(One Semester Course)

- *Prerequisite: Grade 9*
- *Required course*
- *One credit course*

Digital Applications and Responsibility focuses on the development of skills using and affected by modern computer technology tools, focusing on the idea of the "digital student." Students will learn information literacy skills such as resource awareness, internet search strategies, and validation; communication skills using presentation software and introductory multimedia and desktop publishing software; and ethical issues in technology including copyright and the "digital divide." Other instructional topics include hardware, design thinking, operating systems, and productivity suites (word processing, spreadsheets, presentations, publishing software). This course replaces Digital Citizenship.

## 6016 Introduction to Computer Science

(One Semester Course)

- *Prerequisite: Digital Applications and Responsibility*
- *One credit course*

Introduction to Computer Science allows students to explore the world of computer science. Students will gain a broad understanding of the areas composing computer science, including concepts such as programmatic thinking, iterative design, and real world problem solving. The course is collaborative in nature, allowing students to work together to solve challenges presented in the Carnegie-Mellon EV3 Robotics curriculum.

## 6017 Computer Science I

(Year-long Course)

- *Prerequisite: Digital Applications and Responsibility*
- *Two credit course (one credit per semester)*
- *Qualifies as a quantitative reasoning course*
- *Counts as Directed Elective or Elective for graduation*
- *Qualifies as a CTE advanced course*

Computer Science I challenges students to explore the limits of what computers can accomplish. In this course, students analyze and design solutions to problems using programming skills. The fundamental concepts of programming are explored through the hands-on use of computing devices. Additional topics include algorithms, debugging and verification, documentation, security and privacy, communication and collaboration, and careers. All topics are an intrinsic part of the software development lifecycle.

## 6018 Computer Science II

(Year-long Course)

- *Prerequisite: Digital Applications and Responsibility and Computer Science I*
- *Two credit course (one credit per semester)*
- *Counts as Directed Elective or Elective for Graduation*
- *Qualifies as a CTE advanced course*

Computer Science II: explores and builds skills in programming and a basic understanding of the fundamentals of procedural program development using structured, modular concepts. Coursework emphasizes logical program design involving user-defined functions and standard structure elements. Discussions will include the role of data types, variables, structures; addressable memory locations, arrays and pointers, and data file access methods. An emphasis on logical program design using a modular approach, which involves task-oriented program functions. This course replaces Computer Programming 2. This course is a good fit for students wishing more experience in programming, but do not wish to take AP Computer Science.

## 6420 Computer Science A - AP

(Year-long

Course)

- *Prerequisite: Grade 11-12; Digital Applications and Responsibility, Intro to Computer Science, CS I (or permission from instructor)*
- *Two-credit course (one credit per semester)*
- *Counts as Directed Elective or Elective for Graduation*
- *Qualifies as a CTE advanced course*

This course is a college level introduction to object-oriented programming in Java. Students will focus on a problem solving approach designed to focus attention on programming algorithms and data structures. Students will be fluent in the syntax and logic structures of the Java programming language, as well as familiar with the Java API. Students will attempt difficult programming challenges, reflect on these exercises, and share their discoveries with their peers. In the spring, students will be eligible to take the AP Computer Science A Exam offered by the College Board at their school.

## 6421 Computer Science Principles - AP

(Year-long Course)

- *Prerequisite: Digital Applications and Responsibility*
- *Two-Credit Course (one credit per semester)*
- *Counts as Directed Elective or Elective for Graduation*
- *Qualifies as a CTE advanced course*

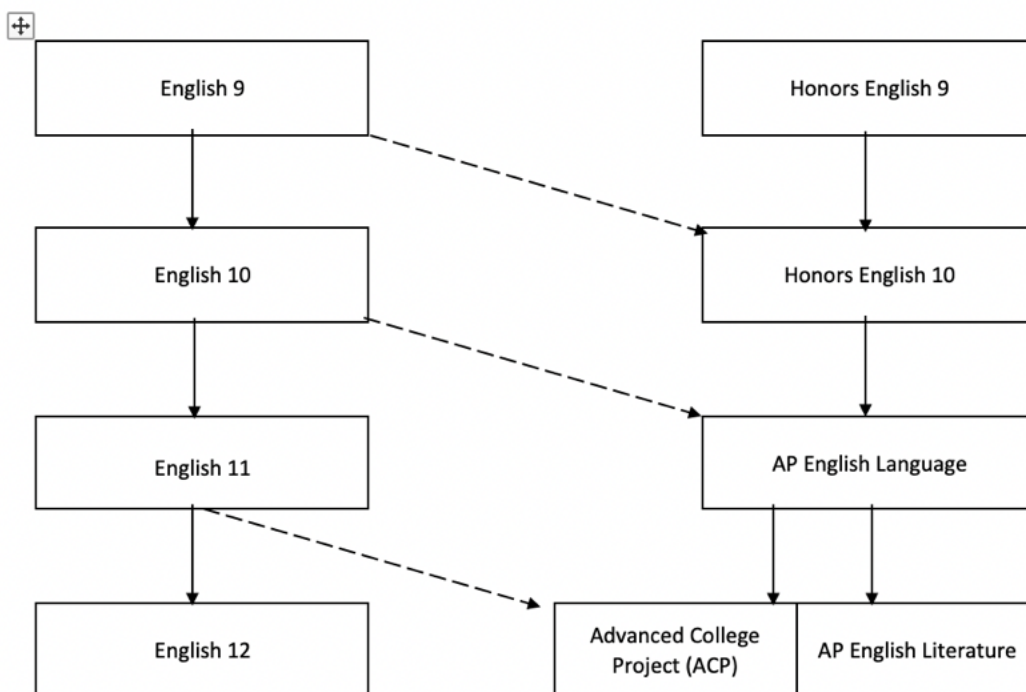
Computer Science Principles is an introductory college-level computing course. Students cultivate their understanding of computer science through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing.



# Brebeuf Jesuit English

## Common Course Path Options

Graduation requirements at Brebeuf Jesuit include four years of English. The advanced placement (AP) courses are college level and are designed to prepare students for the Advanced Placement examinations given by the College Board. The Advanced College Project (ACP) is a dual-credit program between Indiana University and Brebeuf Jesuit.



—————> Indicates course progression that does not require a special application/teacher recommendation

- - - - -> Indicates course progression that requires a special application/teacher recommendation

Please Note: Students who are currently enrolled in an Honors class and fail to meet the requirements to continue on the Honors path will be placed in an on-level course the following year.

## ENGLISH DEPARTMENT

### 1470 English 9

(Year-long

Course)

- *Prerequisites: Grade 9*
- *Meets English 9 requirement*
- *Required course*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Required Summer Reading*

Using a selection of novels, poetry, and short stories, English 9 students are introduced to a comprehensive study of literary genres. While reading, discussing, and analyzing these pieces, we will establish the literary terminology and literary analysis skills that will be used throughout the Brebeuf high school English experience. Instruction in four-level analysis grammar lessons, MLA style, and vocabulary studies will be used to develop student's aptitude in academic English.

### 1471 English Honors 9

(Year-long Course)

- *Prerequisites: Grade 9; Require Placement Process*
- *Meets English 9 requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Required Summer Reading*

Honors English 9 is also offered to incoming freshmen. Students interested in participating in the honors sections of English 9 must complete a placement test. Students selected for this course are expected to demonstrate a high level of competence in their writing skills, a love of reading, and an ability to understand the nuances of literature. The honors sections of English 9 develop the same basic skills as the English 9 courses: academic writing, vocabulary and grammar building, critical reading, thinking, and writing, and the understanding and appreciation of genres in literature, as well as technology and oral presentation skills. However, students in the honors sections should expect a heavier reading and writing load than students in English 9. Teachers will also expect a higher level of development in students' writing and analysis of material. Students interested in applying for the honors sections of English 9 should truly appreciate literature and the discussion of the meanings evident in literature. These students should be prepared to display a sense of responsibility towards their work and a willingness to accept the increased demands of an honors course.

### 1472 English 10

(Year-long Course)

- *Prerequisite: Grade 10*
- *Required course*
- *Meets English 10 requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Required Summer Reading*

English 10 is a course that studies the issues and influences in American literature. The course highlights how authors employ their writing to challenge the injustices of the time period. Readings range from classic to contemporary works and illustrate the overarching ideas of the American dream, race, gender, and social class in America, and the role of literature to protest and challenge American ideals. By studying themes of American literature, students will develop connections about the literature and its relevance to American life today.

English 10 students will continue to develop their academic writing skills by focusing on literary analysis, rhetorical analysis, argumentative, and research writing; additionally, sophomores will enhance their academic writing skills by studying vocabulary and grammar through their reading and applying those skills in their writing.

### **1473 English Honors 10**

(Year-long Course)

- *Prerequisites: Grade 10; Minimum 3.0 overall GPA, minimal English grade of A-, attendance record & teacher recommendations.*
- *Meets English 10 requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*

Honors English 10 is also offered to sophomores. Students interested in participating in the honors sections of English 10 must be recommended for the course and meet the minimum requirements. Students selected for this course are expected to demonstrate a high level of competence in their writing skills, a love of reading, and an ability to understand the nuances of literature. Any interested student may apply as participation in Honors English 9 is **not** a prerequisite for this course.

The honors sections of English 10 develop the same basic skills as the English 10 course: academic writing, vocabulary and grammar building, critical reading, thinking, and writing, and the understanding and appreciation of literature, as well as technology and oral presentation skills. Students who follow the application process and place into the honors section of English 10 should expect a heavier reading and writing load than students in English 10. Teachers will also expect a higher level of development in their students' writing and analysis of material. Students will be expected to make connections between their readings, effectively demonstrating the ability to synthesize materials through their writing and research projects. Students who elect to apply for the honors sections of English 10 should truly appreciate literature and history and the discussion of the connections between and deeper meanings to be discovered in both literature and history. These students should be prepared to display a sense of responsibility towards their work and a willingness to accept the demands of an honors course.

### **1474 English 11**

(Year-long

Course)

- *Prerequisite: Grade 11*
- *Meets English 11 requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Required Summer Reading*

Organized by thematic units, English 11 is a course in literature of the British Empire in which students are expected to read and demonstrate understanding of complex texts. Students study literary genres such as novels, drama, poetry, and short stories, as well as the geography and historical periods that relate to specific works and/or time periods.

Juniors study literature and nonfiction from a variety of texts and supplemental materials. They continue work begun earlier, developing writing skills that will be further perfected senior year. Essays will include theme and character analysis, as well as rhetorical analysis and personal narrative. Presentations, whether completed individually or as part of a group assignment, will include thoroughly researched and logically organized material. These presentations will require the effective delivery of these content materials, effective use of technology components to share the information, and the correct usage of conventions such as grammar and style. Critical listening skills as audience members are assessed so students can demonstrate an understanding of the presentation materials and participate fully in discussion of the information.

## 1478 English Language and Composition I and II - AP

(Year-long Course)

- *Prerequisites: Internal recommendation process; 3.0 minimal overall GPA, minimal grade of A- in English 10 or B- in English 10 Honors*
- *Meets English 11 requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Required summer reading*

AP English Language and Composition is a class involving stylistic analysis of nonfiction designed to help students become skilled readers of prose written in a variety of contexts. The class focuses on different rhetorical devices, and helps teach students how to write using a variety of purposes. Students practice seeing how their writing and reading connect with a bigger purpose, which is seeing the connection among the writer's purpose, audience expectations, and subjects. Students also see how the resources of language contribute to their effectiveness as writers. Throughout the course, emphasis is placed on having the students write about a variety of subjects from various disciplines with the hope of becoming proficient writers in their areas of choice. Throughout the course, emphasis is also placed on how to read critically and analyze the different devices authors use. Students are expected to take the AP exams offered in the spring by the College Board. A comprehensive description of this course can be found on the College Board AP Central Course Description webpage at: <http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html>

## 1475 English 12

(Year-long Course)

- *Prerequisite: Grade 12 students who have not taken AP Language & Composition*
- *Meets English 12 requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Required Summer Reading*

English 12 is a study of language, literature, composition, and oral communication focusing on an exploration of point of view or perspective across a wide variety of genres. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance for Grade 12 in classic and contemporary literature balanced with nonfiction. Students write responses to literature, reflective compositions, and historical investigation reports. Students write and deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online information.

## 1476 English Literature and Composition I and II - AP

(Year-long Course)

- *Prerequisites: Internal recommendation process; minimum of 3.0 GPA; minimum grade of B- in AP English Lang/Comp*
- *Meets English 12 requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Required Summer Reading*

AP English Literature and Composition is a year-long college level course that uses the different genres of literature to help students develop their own writing through regular timed responses to AP style writing prompts in addition to longer process pieces. The course pursues a genre approach to the study of literature, exploring works from diverse cultural backgrounds and time periods. Plays, novels, epics, poetry and criticism are all studied. Students write several two to four page papers and one longer multi-source research paper each semester. Students are expected to produce a high standard of analytical writing, displaying advanced skills in critical thinking, writing style, and command of the mechanics of the written language. Students will be expected to participate fully in class discussions and make presentations. Students will use technological resources both in researching and producing their papers and presentations. Students are expected to

take the AP exams offered in the spring by the College Board. A comprehensive description of this course can be found on the College Board AP Central Course Description web page at:  
<http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html>.

## **ADVANCED COLLEGE PROJECT (ACP ENGLISH COURSE)**

ACP courses provide the opportunity for students to earn college credit through Indiana University. ACP Advanced Composition and Genres in Literature are two semester long courses that must be taken together to comprise a year of English study. Students will not be able to move out of ACP English between the fall and spring semesters.

### **1330 Advanced Composition - ACP (W131)** (One Semester Course)

- *Prerequisites: Grade 12; Internal recommendation process; at least a 2.7 GPA (Indiana University Requirement); an SAT score of 1000, with a verbal score of at least 500 or an ACT composite score of at least 20.*
- *Meets English 12 requirement when paired with ACP(L202)*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *Optional college credit through Indiana University - additional fee required*

Advanced Composition - ACP (W131) is a senior year, semester-long course that can be taken for college credit through Indiana University. ACP Advanced Composition further develops and refines writing skills introduced in other English courses. This college-level course provides students with frequent opportunities to write for different audiences and purposes, using a process that includes: (1) prewriting, (2) drafting, (3) peer sharing, (4) revising, and (5) editing. Students work to develop critical reading, thinking, and writing skills. The techniques of persuasive writing and formal argument are studied, and increased emphasis is placed on language and style. This type of course encourages students to: (1) take risks as writers, (2) choose some of their own topics for writing, and (3) publish their writing in the most appropriate formats available, such as school and local newspapers, contests, and literary magazines. Students develop their thinking and writing as they progress through the assignments which include summary writing, analysis, synthesis, and rhetorical analysis. The semester ends with a multi-source research paper. As they progress through the semester, students are required to use correct MLA formatting for documentation of sources. Students will also read and evaluate literary samples of good writing to enhance their own writing and to explore the topics they will be analyzing.

ACP Reading, Writing and Inquiry is a course in critical reading, writing, and thinking with sources in which students will experience the varied range of academic writing. Students will master the skills of summary, analysis, synthesis, research, and documentation. Students will also learn to adapt the writing process and apply various organizational strategies to match the purpose of the individual assignment. Topics for writing will be developed from reading about and discussing in depth issues under debate in different disciplinary fields and among the general public. Students are asked not only to discuss and write about these issues but also to examine the different analytical frameworks and assumptions that various authors and we ourselves bring to such conversations. Students will receive an additional 1.0 towards their overall GPA in acknowledgement of the greater expectations and increased workload of this college level course.

Students who enroll in Reading, Writing and Inquiry - ACP (W131) can take advantage of the opportunity to receive college credit for Indiana University's W131 class. Students interested in taking this course must meet the prerequisites listed above. Students who enroll must earn at least a C in this course or college credit will not be granted and the class will have to be retaken in college. Students who apply will not be able to drop the course once they enroll. Students who enroll in the course for credit will begin college with a college transcript from Indiana University because they will have completed a college course. Credit for this course transfers to many but not all universities.

Note: Students with an SAT verbal score of 670, and ACT composite score of 32, or an AP English Language score of 4 or 5 and attending IU Bloomington are "exempt without credit" from IU's writing requirement. Also, students with an SAT II score of 660 or better are exempt from IU's writing requirement and receive two hours of credit in (W143) with a

grade of “S”. Students attending IU East, IU Kokomo, or IU South Bend must take (W131). Please consider this when choosing whether or not to take the course for credit.

### **1370 Genres in Literature - ACP (L202)**

(One Semester Course)

- *Meets English 12 requirement when paired with Advanced Composition (W131)*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *Optional college credit through Indiana University - additional fee*
- *Internal recommendation process; at least a 2.7 GPA (Indiana University requirement); an SAT score of 1000, with a verbal score of at least 500 or an ACT composite score of at least 20.*

This course provides the study of techniques and conventions of various literary genres, such as poetry, drama, novel, short story, biography, journal and diary, and essay. Students can register to receive college credit for this interesting and thought-provoking course. The course explores the relationships between form and meaning, specifically how genre shapes our literary understanding and experience. In class discussion and presentations, as well as in writing assignments, students explore the limitations and special abilities of the different genres, ultimately building an appreciation of how genres enable and constrain the articulation of ideas.

ACP Genres in Literature (L202) emphasizes a close, thoughtful, reading of representative literary texts in poetry, drama, fiction, novel, and nonfiction prose originally written in English and drawn from a range of historical periods and countries. The course is not a survey of the literature of any country or historical period. A major goal is to develop the ability to read and write with precision, responsibility, and imagination through class discussion and the writing of several short, critical responses. These papers are to be developed entirely from the students' own careful reading and analysis. Close reading of a few selected texts, rather than wide coverage, is emphasized. Students will be expected to use and distinguish among a variety of approaches to literary interpretation, both through the use of literary tropes and various critical frames, as appropriate to each work. Students will receive an additional 1.0 towards their overall GPA in acknowledgement of the greater expectations and increased workload of this honors level course.

Students who enroll in ACP Genres in Literature (L202) can take advantage of the opportunity to receive college credit for Indiana University's L202 class. Students interested in taking this course must meet the prerequisites listed above. Students who enroll must earn at least a C in this course in order for it to count towards satisfying any IU requirement. Students who enroll in the course for credit will begin college with three hours of credit and at IU, a grade. Credit for this course transfers to many, but not all, universities.

Note: ACP Genres in Literature (L202 Literary Interpretation) satisfies IU's distributional requirements in COAS, Business, Journalism, SPEA, and Social Work. This course will not count toward an English major at IU. Students planning on majoring in English at IU Bloomington and IU South Bend must take this course on those campuses. The version of this course on those campuses carries an intensive writing component and is required of English majors. Students planning to enter the College of Arts and Sciences at IU Bloomington but not major in English must also fulfill a requirement to take a course accompanied by an intensive writing component, but several courses other than this are available to meet that requirement.

## 1450 Speech

(One Semester Course)

- *Prerequisite: Grade 10*
- *Required course*
- *One credit course*
- *An Indiana Academic Honors Diploma course (Counts toward LAHD English credits)*

The purpose of this course is to provide students the basic fundamentals of speech and to aid them in developing their speaking skills for use in academic, social, and business settings. Throughout the course, students will deliver several speeches that are expository, analytical, and creative in nature. Students will research topics of interest and present their findings clearly, concisely, and logically such that listeners can follow the lines of reasoning with clear organization, development, substance, and style that are appropriate to purpose, audience, and task. The course also focuses on critically analyzing information found in electronic, print, and mass media as well as active listening and adjusting the use of spoken language (e.g. conventions, style, vocabulary, etc.) to communicate effectively with a variety of audiences and for different purposes.

## ENGLISH ELECTIVES

### 1421 Creative Writing

(One Semester Course)

- *Prerequisite: English 9*
- *English elective*
- *One credit course*
- *Students may take successive semesters for credit.*
- *An Indiana Academic Honors Diploma course*
- *May not be taken to fulfill Senior English requirement*

Creative Writing emphasizes the traits necessary for students to compose imaginative and skillfully crafted works of poetry and prose. To this end, the course introduces students to the basic vocabulary of the discipline and operates on the assumption that successful prose and poetry are the product of a writing process that stresses the importance of revision. The course utilizes a workshop format that includes both oral and written commentary from both the instructor and peers couched in constructive terms for each poem or work of short prose. The goal behind this format is to create a supportive community of writers where students feel comfortable sharing their work. Writing prompts, which consist of professional and student models, are constructed to explore sources of artistic inspiration, be they personal, artistic or societal in nature, while also focusing on key components of poetry and prose. The final project will consist of a portfolio of carefully revised work previously submitted for workshopping. Finally, students will play a significant role in the editing and producing the student literary magazine, *Manitou*, and will be required to submit at least a portion of their portfolio for possible publication in the magazine.

### 1441/1442 Student Publications: Yearbook

(One Semester Course)

- *English elective (may not be taken to fulfill the senior English requirement)*
- *One credit course*
- *Students may take successive semesters for credit.*
- *Course may be taken for successive semesters of instruction for credit*
- *An Indiana Academic Honors Diploma course*
- *Fulfills Visual and Performing Arts Credit*

***\*Seniors may only take "Yearbook" during the second semester of their senior year if they have previously taken "Yearbook".***

This course provides the study of and practice in gathering and analyzing information, interviewing and note taking for the purpose of: (1) writing, (2) editing, and (3) publishing for print. This course includes instruction and practice in effective journalistic writing forms and techniques as well as layout, design, and photography. Representative examples of amateur and professional journalism are studied. This course includes instruction in computer software programs, primarily InDesign and PhotoShop, which aid in the publication of print media. The bulk of this course centers on the production of the school yearbook, *Totem*. Students can expect a heavy emphasis on design principles, layout, desktop publishing, photography, teamwork, and developing leadership skills. The *Totem* is a member publication of the National Scholastic Press Association and the Columbia Scholastic Press Association.

#### **1444/1445 Advanced Student Publications: Yearbook**

(One Semester Course)

- *Prerequisite: Student Publications: Yearbook*
- *English elective (May not be taken to fulfill the senior English requirement.)*
- *One credit course*
- *Students may take successive semesters for credit.*
- *An Indiana Academic Honors Diploma course*
- *Fulfills Visual and Performing Arts Credit*

This course is designed for students who have taken "Yearbook" in a prior school year and are interested in an editorial role on staff. Students will receive a grade weight that reflects the additional workload, task difficulty, and knowledge needed to successfully complete the editorial responsibilities of a student publication. Time spent editing, designing and/or photographing outside of class that goes above and beyond the expectations of a first year staff member is an expectation for students taking this course for advanced publication credit.

#### **1461 /1462 Student Publications: Newspaper**

(One Semester Course)

- *English elective (May not be taken to fulfill the senior English requirement.)*
- *One credit course*
- *Students may take successive semesters for credit.*
- *Course may be taken for successive semesters of instruction for credit*
- *An Indiana Academic Honors Diploma course*
- *Fulfills Visual and Performing Arts Credit*

This course provides the study of and practice in gathering and analyzing information, interviewing, and note taking for the purpose of: (1) writing, (2) editing, and (3) publishing for print. This course includes instruction and practice in effective journalistic writing forms and techniques including editorial, feature, and news writing, as well as layout, design, and photography. Representative examples of amateur and professional journalism are studied. The concept of responsible journalism also is discussed. Student Publications conforms to an appropriate style guide, such as the *Associated Press Stylebook and Libel Manual*. This course includes instruction in computer software programs, primarily InDesign and PhotoShop, which aid in the publication of print media; however, for most student reporters, the focus of the course centers around writing articles, editing articles, and reading professional examples of journalistic excellence. Student Publications offers practical training in publishing the school newspaper, *The Arrow*.

## **1464/1465 Advanced Student Publications: Newspaper**

(One Semester Course)

- *Prerequisite: Student Publications: Newspaper*
- *English elective (May not be taken to fulfill the senior English requirement.)*
- *One credit course*
- *Students may take successive semesters for credit.*
- *An Indiana Academic Honors Diploma course*
- *Fulfills Visual and Performing Arts Credit*

This course is designed for students who have taken “Newspaper” in a prior school year and are interested in an editor role on staff. Students will receive a grade weight that reflects the additional workload, task difficulty, and knowledge needed to successfully complete the editorial responsibilities of a student publication. Time spent editing, designing and/or photographing outside of class that goes above and beyond the expectations of a first year staff member is an expectation for students taking this course for advanced publication credit.

# MATHEMATICS DEPARTMENT

	Possible Tracks (without summer school)			Possible Tracks (with summer school)		
Sum 1						
Sum 2	Summer Review Packet					
Gr 9	Algebra II – Honors	Algebra I- Accelerated	Algebra I	Foundations of Algebra Algebra I- Sem 1	Algebra I	Algebra I - Accelerated
Sum 1						
Sum 2		Summer Review Packet		Algebra I- Sem 2		Summer Review Packet
Gr 10	Geometry- Hon Finite/Precal 1- Honors	Algebra II or Algebra II- Honors	Algebra II	Algebra II	Algebra II	Algebra II - Honors
Sum 1					Geometry	
Sum 2						
Gr 11	Precal 2-Honors/ Calc A-AP Statistics- AP	Geometry- Hon or Geometry Precal- Acc	Geometry	Geometry	Precal- Acc	Geometry- Hon Precal- Acc
Sum 1						
Sum 2						Calc A-AP
Gr 12	Calc BC- AP Statistics- AP or Vector Calc	Calc AB- AP or Calc-ACP Statistics- AP	Precal OR Precal-Acc OR Quant Reasoning	Precal OR Precal-Acc OR Quant Reasoning	Calc AB-AP or Calc- ACP Statistics- AP	Calc BC- AP Statistics- AP or Vector Calc

- Statistics-AP is a two-semester elective course that can be taken as a second math course after or concurrent with Precalculus-Accelerated, Finite Math-Honors, or Precalculus-Honors.
- The above sequences can be adapted to suit the specific needs of the individual student

## **DEPARTMENT INFORMATION**

### **Calculator Testing Policy**

- During a test period, it is the responsibility of the student to have a calculator if one is allowed. The teacher may refuse to give a student a calculator on the testing period out of fairness to others. As such, a student must have a working calculator by the start of the test period.
- For classes with a graphing calculator, if the settings of a graphing calculator have changed, the student must refer to instructions on how to reset the calculator. The teacher is not responsible for instructing the student on operating his/her calculator during a testing period.
- For classes with a graphing calculator, if the batteries of the graphing calculator die, the student may not recharge during the testing period. This is out of fairness to those who may not be sitting next to an outlet. This is also consistent with testing policies in standardized tests.
- If caught using an illegal device during the test, especially those with wireless communication capabilities, it will be considered cheating and subject to appropriate penalties.

### **Prohibited Calculators**

- Calculators with built-in computer algebra systems
- *Prohibited calculators in this category include:*
  - Texas Instruments: **TI-89, TI-92,** and the **TI-Nspire CAS** or **TI-Nspire CX CAS**
- Handheld, tablet, or laptop computers, including iOS or Android devices
- Calculators built into cell phones or any wireless communication devices (including Wifi or Bluetooth)
- Calculators with a typewriter keypad (letter keys in QWERTY format)

### **Add/Drop**

- Students in Algebra I, Algebra II, and Geometry may not drop the course at any time.
- Students in Algebra II-Honors or Algebra I-Accelerated may drop to a lower level course in the first 9 weeks without a grade penalty.
- It is recommended that students taking two math courses concurrently must maintain a B average in each course to remain in both courses for the year.
- Students taking Honors, Accelerated, or AP math courses must commit to the full year. Students are not permitted to “slide” into a lower level math course without specific permission of the teacher, School Counselor, and department chair.
- Students may not elect to drop a math course after the add/drop period passes.

## 2498 Foundations of Algebra

(Year-long course)

- *Meets math requirement*
- *Two credit course (one credit per semester)*

This course is designed to address the needs of students who are not yet ready for Algebra I. The first semester is spent reviewing and strengthening the basic concepts of arithmetic, fractions, and percents. The second semester begins the study of Algebra I and introduces the topics that are covered in the first semester of Algebra I. The class size is small to allow for greater individual interaction between student and teacher. Students will take the first semester of Algebra I in the spring with a summer option for the second semester of Algebra I.

## 2500 Algebra I

(Year-long Course)

- *Meets math requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Scientific, non-graphing calculator required (TI-30XIIS preferred)*

This required course is designed to provide students with an understanding of the basic concepts and structures of algebra. The topics presented in this course include number systems, algebraic operations with rational and irrational numbers and expressions, solving equations, polynomials, factoring, functions, systems of equations, problem solving, and an introduction to radicals.

If a student fails Algebra I, he/she must retake Algebra I at Brebeuf the following school year (outside credits for this course will not be accepted in this case), and both grades will be present on the student's transcript and accounted for in the student's cumulative GPA.

## 2499 Algebra I - Accelerated

(Year-long Course)

- *Prerequisites: Meet benchmark on the Algebra I mastery exam.*
- *Meets math requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Scientific, non-graphing calculator required (TI-30XIIS preferred)*

This course is designed for 9<sup>th</sup> graders who demonstrate a good background in algebra on the Brebeuf Jesuit Algebra I placement exam but did not place into Algebra II-Honors. The topics presented in this course include number systems, algebraic operations with rational and irrational numbers and expressions, solving equations, polynomials, factoring, functions, systems of equations, problem solving, and an introduction to radicals. This course moves at a faster pace than Algebra I and prepares students for Algebra II-Honors in the following year.

## 2501 Algebra II - Honors

(Year-long Course)

- *Prerequisites: Grade 10 and completed Algebra I-Accelerated with teacher recommendation **OR** Grade 9 and meets benchmarks on the Algebra I mastery exam and CSQ on HSPT*
- *Meets math requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *TI-Nspire CX (non-CAS) graphing calculator required in second semester; Scientific calculator is sufficient for first semester*
- *All students are required to complete a summer review packet prior to the course*

This course is designed for 10<sup>th</sup> graders who have mastered *Algebra I-Accelerated* and 9<sup>th</sup> graders who demonstrate a proficient background in algebra on the Brebeuf Jesuit Algebra I mastery exam. The topics studied include polynomials and factoring, rational algebraic expressions, relations and functions, irrational numbers, quadratic equations and inequalities, logarithms, complex numbers, distance, midpoints, circles, series and sequences, counting principles and probability. There is an emphasis on the study of functions and problem solving.

## 2502 Algebra II

(Year-long Course)

- *Meets math requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Scientific, non-graphing calculator required (TI-30XIIS preferred)*

This course is a continuation of the course begun in Algebra I. After a review of basic algebraic concepts, several new or expanded topics are introduced. These topics include polynomials and factoring, rational algebraic expressions, relations and functions, irrational numbers, quadratic equations and inequalities, logarithms, complex numbers, distance, midpoints, circles, series and sequences, and counting principles and probability. There is an emphasis on problem solving.

## 2504 Geometry

(Year-long Course)

- *Prerequisites: completion of Algebra I or Algebra I-Accelerated and Algebra II or Algebra II-Honors*
- *Meets math requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Scientific, non-graphing calculator required (TI-30XIIS preferred)*

The course concentrates on the traditional elements of plane Euclidean geometry, although several aspects of solid geometry are introduced. Topics studied include basic definitions, postulates and theorems about angles, perpendicular lines, parallel lines, and triangles. Other topics studied include polygons, circles, areas, and volumes.

## 2503 Geometry - Honors

(Year-long Course)

- *Prerequisites: completed Algebra II-Honors **OR** concurrently enroll in Precalculus-Accelerated having completed Algebra II-Honors with recommendation of the teacher*
- *Meets math requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Scientific, non-graphing calculator required (TI-30XIIS preferred)*

This course is designed to provide students with a deeper understanding of the axiomatic structure of mathematics and to develop a more sophisticated level of logical reasoning. This is achieved with a heavy emphasis on the study of

mathematical proof. The course concentrates on the traditional elements of plane Euclidean geometry, although several aspects of solid geometry are introduced. Particular topics studied include basic definitions, postulates and theorems about angles, perpendicular lines, parallel lines, and triangles. Other topics studied include polygons, circles, areas, and volumes.

### **2172 (Sem 1) Finite Math - Honors**

(One Semester Course)

- *Prerequisite: Algebra II-Honors with recommendation of Algebra II-Honors teacher*
- *Meets math requirement*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *TI-Nspire CX (non-CAS) graphing calculator required*

This course deals with various topics in mathematics not generally studied in math courses involving continuous functions. Topics studied include systems of equations, linear inequalities, supply and demand, revenue, cost and profit, linear programming, matrices, set theory, counting principles, probability, conditional probability, and logic.

### **2182 (Sem 2) Precalculus I - Honors**

(One Semester Course)

- *Prerequisites: Finite Math-Honors **AND** Algebra II-Honors with recommendation of the teacher*
- *Math elective; can be used to meet math requirement*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *TI-Nspire CX (non-CAS) graphing calculator required*

The emphasis in this course is an in-depth analysis of functions using both an algebraic and graphing approach. Polynomial, rational, radical, logarithmic, exponential, and other special functions are discussed. The course also introduces many of the key concepts of calculus such as asymptotes, maximum and minimum points, and continuity.

### **2505 Precalculus**

(Year-long Course)

- *Prerequisites: Algebra II and Geometry*
- *This course is intended for SENIORS only.*
- *Math elective; can be used to meet math requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Scientific, non-graphing calculator required (TI-30XIIS preferred)*

The first semester emphasizes the study of trigonometric functions and their inverses, trigonometric equations, identities, and formulas, and problem-solving using trigonometric concepts. The second semester is the study of algebraic principles. Topics include solving systems of equations and inequalities, rational expressions, matrices and their applications, and quadratic functions. This course is intended for seniors wishing to strengthen their algebra background before entering college. This course is NOT a prerequisite for Calculus-ACP, Calculus AB-AP, or Calculus BC-AP. Precalculus-Accelerated should be taken instead if the student intends to take Calculus in the following year.

## 2506 Precalculus - Accelerated

(Year-long

Course)

- *Prerequisites: Geometry or Geometry-Honors with teacher recommendation (may also be taken concurrently with teacher recommendation)*
- *Math elective; can be used to meet math requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Scientific, non-graphing calculator required (TI-30XIIS preferred)*
- *TI-Nspire CX (non-CAS) graphing calculator required for juniors in the second semester only*

The emphasis in this course is an in-depth analysis of functions from both an algebraic and graphing approach. The first semester contains an analysis of many other types of functions including polynomial, rational, radical, logarithmic, exponential, and other special functions. The second semester is primarily a study of the six trigonometric functions. Topics studied include the graphs of the trigonometric functions, trigonometric equations, identities, and formulas, and problem-solving using trigonometric concepts. Many of the key concepts of calculus are discussed, and the course concludes with an analysis of the limit, a concept necessary for the formal study of calculus. This course is required if the student intends on taking Calculus AB-AP or Calculus ACP. This course is recommended if the student intends on studying STEM (Science, Technology, Engineering, Mathematics) in college.

## 2271 (Sem 1) Precalculus 2 - Honors

(One Semester Course)

- *Prerequisites: Precalculus 1-Honors with teacher recommendation*
- *Math elective; can be used to meet math requirement*
- *One credit course*
- *An Indiana Academic Honor Diploma course*
- *TI-Nspire CX (non-CAS) graphing calculator required*

The emphasis in this course is on the study of the six trigonometric functions. Topics studied include the graphs of the trigonometric functions and their inverses, trigonometric equations, identities, and formulas, problem-solving using trigonometric concepts, parametric equations, polar coordinate system, and complex numbers in polar coordinates. The course also studies topics in analytic geometry as well as exponential and logarithmic functions. The course concludes with an analysis of the limit, a mathematical concept necessary for the formal study of calculus.

## 2282 (Sem 2) Calculus A-AP

(One Semester Course)

- *Prerequisite: Precalculus 2-Honors with teacher recommendation*
- *Math elective; can be used to meet math requirement*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *TI-Nspire CX (non-CAS) graphing calculator required*

This elective course introduces the theoretical concepts and the problem-solving techniques of calculus. The majority of this semester of calculus is devoted to the study of derivatives and the applications involving differential calculus with both algebraic and trigonometric functions.

**2331 Calculus 1-ACP (M211)**

(One Semester Course)

**2332 Calculus 2-ACP (M211)**

(One Semester Course)

- *Prerequisites: Precalculus-Accelerated with teacher recommendation; 2.7 Overall GPA (IU requirement)*
- *Math elective; can be used to meet math requirement*
- *Two credit course (one credit each semester)*
- *An Indiana Academic Honors Diploma course*
- *TI-Nspire CX (non-CAS) graphing calculator required*
- *Optional college credit through Indiana University - additional fee (see note at end of section)*

This course is intended for those seniors who wish to have an introduction to calculus before entering college. This course introduces the concepts of limits and other major topics of differential calculus and integral calculus. Although an emphasis is placed on introducing the students to the techniques of differentiation and integration, problem-solving techniques using calculus are discussed with regularity. This course follows the IU ACP course outline for M211, although participation in the IU program is optional. An additional 1.0 weight is added to this course.

**\*\*Note for earning college credit**

Students who enroll in Calculus 12-ACP (M211) can take advantage of the opportunity to receive college credit for M211 from Indiana University. Students who enroll must earn at least a C in this course or college credit is not granted, and the class will have to be retaken in college. Students who apply for ACP credit are not able to drop the course once they enroll. Students who enroll in the course for credit will begin college with a college transcript from Indiana University because they will have completed a college course. Credit for this course transfers to many but not all universities.

**2507 Calculus AB-AP**

(Year-long

Course)

- *Prerequisites: Precalculus-Accelerated or Precalculus 2-Honors with teacher recommendation*
- *Math elective; can be used to meet math requirement*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *TI-Nspire CX (non-CAS) graphing calculator required*

This year-long course introduces the theoretical and problem solving techniques of calculus. The first semester is mainly devoted to the study of derivatives and their applications. The second semester is devoted to the study of integrals and their applications. It is expected that all students enrolling in this class take the AP Calculus AB exam given in May.

**2508 Calculus BC-AP**

(Year-long

Course)

- *Prerequisites: Calculus A-AP with teacher recommendation*
- *Math elective; can be used to meet math requirement*
- *Two credit course*
- *An Indiana Academic Honors Diploma course*
- *TI-Nspire CX (non-CAS) graphing calculator required*

This year-long course is a continuation of Calculus A-AP. The first semester is mainly devoted to the study of integrals and their applications. The second semester covers a variety of topics covered on the BC portion of the AP Calculus exam. Topics studied include separable differential equations, slope fields, logistic growth, sequences and series, and polar and parametric equations. It is expected that students enrolling in this class take the AP Calculus BC exam given in May.

## 2411 Statistics 1-AP

(Year-long

Course)

## 2422 Statistics 2-AP

- *Prerequisites: Precalculus-Accelerated with teacher recommendation OR concurrently enroll in Precalculus-Accelerated or Finite Math-Honors having completed Geometry or Geometry-Honors with teacher recommendation*
- *Math elective: can be used to meet math requirement*
- *Two credit course*
- *An Indiana Academic Honors Diploma course*
- *TI-Nspire CX (non-CAS) graphing calculator required*

This course guides students to discover statistical concepts, explore statistical principles, and apply statistical techniques. Students learn what to look for in a distribution of data, how to describe a distribution, and how to draw conclusions based on data. Topics studied include organizing data, looking for patterns and departures from patterns, producing data, designing samples, experiments, and simulations, probability, random variables, and binomial and geometric distributions. Spring semester topics studied include sampling distributions, inference for distributions and regression, confidence intervals, and significance tests. It is expected that students enrolling in this class take the AP Statistics exam given in May.

## 2470 Vector Calculus-Independent Study

(Year-long Course)

- *Prerequisite: Calculus BC-AP with teacher recommendation*
- *Math elective: can be used to meet math requirement*
- *Two credit course*
- *An Indiana Academic Honors Diploma course*
- *TI-Nspire CX (non-CAS) graphing calculator required*

This course begins with an introduction to set theory and proof, including proof by induction, counterexample, contrapositive, contradiction, and strong induction. Then, the course continues topics from Calculus BC-AP, including additional techniques and applications of integration involving a single variable. The course then concludes with the study of various topics aimed at helping the student to transition to multivariate calculus and other college level math courses.

## 2550 Quantitative Reasoning - Dual Credit (M114)

(Year-long Course)

- *Prerequisite: Algebra II*
- *Math elective: can be used to meet math requirement*
- *Two credit course*
- *An Indiana Academic Honors Diploma course*
- *Scientific, non-graphing calculator required (TI-30XIIS preferred)*

Quantitative Reasoning is a mathematics course focused on the study of numeracy, ratio and proportional reasoning, modeling, probabilistic reasoning to assess risk, and statics. Students build knowledge of and confidence with basic mathematical/analytical concepts and operations required for problem solving, decision making, and economic productivity in real-world applications and prepare for an increasingly information-based society in which the ability to use and critically evaluate information, especially numerical information, is essential.

### \*Note for earning college credit

Students who enroll in Quantitative Reasoning can take advantage of the opportunity to receive college credit for MATH 114 from the University of Southern Indiana (USI). Students should remember that whatever grade is earned is recorded on a permanent transcript with the University, unless the necessary steps are taken to withdraw from the course within

the established deadlines published in the course syllabus and on the [CAP web site](#); full or partial refunds of tuition are only possible within certain windows of time, usually through early October. While Quantitative Reasoning is included in the CTL, or [Indiana Core Transfer Library](#), and therefore carries a guarantee of transferability to the listed colleges and universities, students who do not see their intended campus or who plan to go out of state should investigate transferability prior to registration with USI. Credit for MATH 114 transfers to many but not all Universities. The final grade earned in a college course also can impact transferability; grades below C often will not transfer but may still impact honors designations at the end of the college career. Depending on a student's college degree requirements, a student may be required to retake a dual credit course in which a low grade was earned. Students who enroll in MATH 114 will begin a college transcript at the University of Southern Indiana and upon application and matriculation to another campus, will generally be required to disclose all prior college credit earned.

In order to enroll for dual credit, students must meet the following requirements:

- Cumulative GPA of 2.5 or higher AND one of the following:
  1. Score a 21 or higher on the ACT,
  2. Score a 530 or higher on the SAT/PSAT,
  3. Score a 200 to 235 on the Accuplacer

## PHYSICAL EDUCATION DEPARTMENT

### 8005 Physical Education

(One Semester Course)

- *Required course*
- *One credit per semester*
- *Must be completed by the beginning of the sophomore year*
- *An Indiana Academic Honors Diploma course*

Physical Education I & II emphasize health related fitness and the development of skills and habits for a personal commitment to lifetime activity and fitness for enjoyment, challenge, self-expression, and social interaction. The program includes skill development, the application of rules and strategies, and opportunities to achieve and maintain a health-enhancing level of fitness and increase knowledge of fitness concepts. The year-long course will include at least six different movement forms from the following: (1) health-related fitness activities (cardiorespiratory endurance, muscular strength and endurance, flexibility, and body composition), (2) aerobic exercise, (3) team sports, (4) individual and dual sports, (5) gymnastics, (6) outdoor pursuits, (7) self-defense, (8) aquatics, (9) dance and (10) recreational games. Ongoing assessment includes both written and performance-based evaluations.

### 8002 Physical Education for Athletic Participation

(One Semester Course)

- *Prerequisite: Physical Education I or II*
- *One credit course*
- *An Indiana Academic Honors Diploma course*

The State of Indiana has granted schools the flexibility of awarding Physical Education credit for participation in school athletic programs. At Brebeuf Jesuit, students may earn ONE of their required two PE credits in this manner. In order to receive one PE credit for participation in athletics, students must:

1. Inform their School Counselor they wish to utilize a sport as their second P.E. credit during their scheduling meeting in the spring.
2. At this time, coaches will confirm with the athletic office that those students who signed up for PE credit, participated fully through the season. (A complete season is defined as first practice to final event.)
3. Once confirmation is received, credit will be awarded to the student.

### 8210 Health Education

(One Semester Course)

- *Prerequisite: Grade 11*
- *Required course*
- *One credit course*
- *An Indiana Academic Honors Diploma course*

This required course for juniors provides the basis for continued methods of developing knowledge, concepts, skills, behaviors, and attitudes related to student health and well-being. This course includes the major content areas in a planned, sequential, comprehensive health education curriculum as expressed in the Indiana Health Education Standards Guide: (1) Growth to Development, (2) Mental and Emotional Health, (3) Community and Environment Health, (4) Nutrition, (5) Family Life, (6) Consumer Health, (7) Personal Health, (8) Alcohol, Tobacco and Other Drugs, (9) Intentional and Unintentional Injury and (10) Health Promotion and Disease Prevention.

Students are provided with opportunities to explore the effect of health behaviors on an individual's quality of life. This course assists students in understanding that health is a lifetime commitment by analyzing risk factors and health decisions that promote health and prevent disease. Students are also encouraged to assume individual responsibility for becoming competent health consumers. A variety of instructional strategies, including technology, are used to further health literacy.

## PHYSICAL EDUCATION ELECTIVES

### 8015 Elective Physical Education: Tae Kwon Do

(One Semester Course)

- *Prerequisite: Physical Education I or II*
- *Physical education elective*
- *One credit course*
- *Students may take successive semesters of this course for credit*
- *Indiana Academic Honors Diploma course*

This introductory class welcomes all ability levels and will be taught in a structured environment that emphasizes control, safety and respect. The physical benefits include improved strength, balance, flexibility and conditioning. The emphasis on mindfulness works to improve self-awareness, situational awareness, and self-confidence. Students find the practice of the martial arts both practically and spiritually beneficial. It has been described as a “meditation in motion”.

### 8536/8537 Elective Physical Education: Strength and Conditioning

(One Semester Course)

*Prerequisite: Physical Education I or II*

- *Physical education elective*
- *One credit course*
- *Students may take successive semesters of this course for credit*
- *Indiana Academic Honors Diploma course*

The course is designed to help the student understand the importance of strength to their overall fitness, to learn proper technique in using free weights and other resistance machines, and to develop and improve the base strength and conditioning of the student. Ongoing assessment includes both written and performance based evaluations.

### 8540/8541 Elective Physical Education: Basic Yoga

(One Semester Course)

- *Prerequisite: Physical Education I or II*
- *Physical education elective*
- *One credit course*
- *Students may take successive semesters of this course for credit*
- *Indiana Academic Honors Diploma course*

This course will explore and expose students to the basic asanas of yoga. Emphasis will be placed on proper form and breathing. Through daily practice in this class, they will develop the health and fitness benefits of relaxation, flexibility, and muscular strength and endurance.

### 8544 Elective Physical Education: Games with Nets

(One Semester Course)

- *Prerequisite: Physical Education I or II*
- *Physical education elective*
- *One credit course*
- *Students may take successive semesters of this course for credit*

Students will participate in several games that involve nets. These include: basketball, volleyball, ping pong, tennis, badminton, pickleball and paddle ball. Focus will be on fun and enjoyment.

### 8545 Elective Physical Education: Adult Roles After Brebeuf Jesuit

(One Semester Course)

- *Prerequisite: Grade 12*
- *Physical education elective*
- *Does not count towards the two required physical education credits*

- *One credit course*

Seniors will learn much needed life skills to function on their own at college and beyond. Focus will be on everything from their physical to their financial well-being. Basic skills for cooking, ironing, safety, budgeting, managing a credit card and balancing a checkbook. You name it...we will work on it!

### **8548 Elective: DBT Mindfulness I**

(One Semester Course)

- *Prerequisite: Grade 10-12*
- *Health and Wellness elective*
- *Does not count towards the two required physical education credits*
- *One credit course*

Designed for students who are interested in learning and applying skills to improve mindfulness, emotion regulation, distress tolerance and interpersonal skills. This course is an extension of the DBT STEPS-A program taught in the freshmen seminar. Through a series of readings, reflections, videos, and guided mindfulness practices students will learn to cope with stress in healthy ways, manage difficult emotions and make better decisions.

### **8549 Elective: DBT Mindfulness II Deepening Connections**

(One Semester Course)

- *Prerequisite: successful completion of DBT Mindfulness & a commitment to establishing a regular meditation practice*
- *Health and Wellness elective*
- *Does not count towards the two required physical education credits*
- *One credit course*

Designed for students who are interested in enhancing their mindfulness practice and in deepening its role in their lives, this course is a continuation of the one-semester DBT Mindfulness course. The students will expand their repertoire of stress management skills and increase their sense of world interconnectedness while also developing practices which will sustain their will to be *men and women for others*.

## RELIGIOUS STUDIES DEPARTMENT

### SEQUENCE OF RELIGIOUS STUDIES COURSES:

	1 <sup>st</sup> semester	2 <sup>nd</sup> semester
<b>Freshmen</b>	Introduction to Religious Studies	Introduction to the Bible
<b>Sophomore</b>	Life and Mission of Jesus	The Catholic Church in the Modern World
<b>Junior</b>	Making Moral Decisions	Social Justice
<b>Senior</b>	Senior Seminar (Can be taken either 1 <sup>st</sup> or 2 <sup>nd</sup> semester. See catalog for course options.)	Senior Seminar (Can be taken either 1 <sup>st</sup> or 2 <sup>nd</sup> semester. See catalog for course options.)

\*\* A one semester Community Service course is required during either the Junior or Senior Year.

### 7011 Introduction to Religious Studies

(One Semester Course)

- *Prerequisite: Grade 9*
- *Required course*
- *One credit course*

This foundational course will introduce students to the academic study of religion through an examination of key theological concepts and language. These concepts include the meaning/role of religion in answering fundamental human questions, the history and spirituality of the Jesuit order, and an introduction to prayer and Ignatian discernment that encourages students to examine their own lives of faith.

### 7120 Introduction to the Bible

(One Semester Course)

- *Prerequisite: Grade 9*
- *Required course*
- *One credit course*

This course examines the Hebrew Bible (Old Testament) as the foundational narrative of the Judeo-Christian tradition. Through modern scholastic methods, students will understand the composition and original context, themes and meaning of the Biblical books. The course also draws upon the rich spirituality of the Hebrew Bible as a catalyst for reflection on their story and spirituality.

### 7020 Life and Mission of Jesus

(One Semester Course)

- *Prerequisite: Grade 10*
- *Required course*

- *One credit course*

This course is a study of the mission and teaching of Jesus of Nazareth as understood in the New Testament and within the context of 1st century Palestine. The course also explores the early Church's beliefs about Jesus. In this way, the course covers both the "Jesus of history" and the "Christ of faith".

## **7021 The Catholic Church in the Modern World**

(One Semester Course)

- *Prerequisite: Grade 10*
- *Required course*
- *One credit course*

This course explores how the Catholic Church fulfills Pope Francis' call to go out into the peripheries of the world to "...be a place of God's mercy and hope, where all feel welcomed, loved, forgiven and encouraged to live according to the good life of the Gospel." (Pope's general audience, June 12, 2013) Beginning with the historical roots of the Church, the course focuses on the contemporary Church's understanding of itself in light of the Second Vatican Council. Themes include discipleship, ecumenism, and a particular focus on sacramental theology.

## **7110 Making Moral Decisions**

(One Semester Course)

- *Prerequisite: Grade 11*
- *Required course*
- *One credit course*

The objective of this course is to assist students in developing a sound approach to making moral decisions. Students will be guided to reflect on their personal moral decision making skills and the factors that influence choice, behavior, moral development and formation of conscience. Students participate in discussions of morality and ethics in practice.

## **7211 Social Justice**

(One Semester Course)

- *Prerequisite: Grade 11*
- *Required course*
- *One credit course*

This course is designed to expand the students' world view to include a broader social dimension of faith in action. The students will explore the Catholic Social Justice Principles and their commonality with other religious traditions through the study of concrete issues focusing on sinful social structures and institutions. Personal response to these issues and specific ways to address them are emphasized. A 10 hour service component is integral to the course as it provides the students the opportunity to experience a real-world application of social justice.

## **7231 Community Service**

(First Semester Course)

## **7233 Community Service**

(Second Semester Course)

- *Prerequisite: Grade 11 or 12*
- *Required course*
- *One credit course*
- *Course meets during a student's break period once in the 8-day rotation*

The Community Service Classis completed by juniors or seniors during one of the following: fall semester, spring semester, or summer school. This 30 hour service-learning experience gives students the opportunity to explore and experience both the challenges and rewards of living a life for and with others. In consultation with the directors of community service, students select a placement where they will offer 30 hours of direct service with a marginalized, impoverished population. In addition to service, students will keep a journal where they will reflect on their experience. Small group

sharing will take place throughout the semester, where students and the community service director will reflect together and learn from each other's experience. This course is graded, and evaluation will be based on: the students' successful and diligent completion of their service hours, the thoughtful completion of their assignments and journals, and their active participation in the small groups.

## SENIOR SEMINAR

Students may fulfill this requirement by choosing one or more of the following courses:

### 7330 Introduction to Philosophy

(One Semester Course)

- *Prerequisite: Grade 12*
- *One credit course (meets the requirement for graduation)*

This course engages students with some of the great Western thinkers in a discussion about humanity's ongoing quest for answers to the ultimate questions of life. Topics include the value of reflection, the theory of knowledge, the mind-body problem, the existence of God, ethical systems, beauty, and the meaning of life. Student spiritual autobiographies and final papers are required for this course.

### 7350 Science and Religion

(One Semester Course)

- *Prerequisite: Grade 12*
- *One credit course (meets the requirement for graduation)*

This course examines the relationship between science and religious faith as two different ways of understanding the world and ourselves. Do science and faith contradict each other, or can they be compatible? We will examine the religious implications of modern scientific discoveries and theories. Possible topics include the Big Bang Theory, evolution, the nature of space/time, and artificial intelligence. By examining these ideas and others, we will try to understand what science and religion can offer each other.

### 7360 World Religions

(One Semester Course)

- *Prerequisite: Grade 12*
- *One credit course (meets the requirement for graduation)*

Through the exploration of the world's religions, this introductory course is designed to deepen the student's understanding of the importance of religion in the human experience and increase appreciation for his or her own faith tradition. Students will be introduced to the historical and philosophical foundations of the major religions of the world and compare them on the basis of a common rubric.

### 7380 Religion and Politics

(One Semester Course)

- *Prerequisite: Grade 12*
- *One credit course (meets the requirement for graduation)*

Religion is, by necessity, deeply engaged in the political arena. This course explores the dominant power structures in every culture, including religion and the power of nonviolent, agapic love to change the course of history (Mandela, King, Romero, JP II, Gandhi) What is the proper role of religion in public life? To what extent should religious beliefs shape political discourse? This course explores modern politics, social action and the effects of religion on social consciousness today.

## **7479 Ignatian Spirituality**

(One Semester Course)

- *Prerequisite: Grade 12*
- *One credit course (meets the requirement for graduation)*

St. Ignatius Loyola, the founder of the Jesuits, believed that each person can and should speak with God directly. He discovered a way of reflecting on our own life experiences and on the Gospels that helped him and others to more readily recognize God in all things and see the way that God is at work in each person's life. In this course, we will see how this type of prayer and reflection led the first Jesuits to "set the world on fire" and continues to lead people to put their faith into action today. This course will include personal reflection and consideration of God's call for each of us.

## SCIENCE DEPARTMENT

Graduation requirements at Brebeuf Jesuit include three years of science. A student must have: (1) one year of Biology I, (2) one year of Chemistry or Physics, and (3) one additional year-long science course. Students are encouraged to take advantage of our exciting course offerings and top-notch faculty by taking four years of science or doubling up in science during their junior or senior year. The advanced placement (AP) courses are college level and are designed to prepare students for the AP examinations given by the College Board.

Freshmen	Sophomores	Juniors	Seniors
Biology I	Integrated Chemistry-Physics	<b>One or both of the following:</b> Physics I Chemistry I	<b>Any one or more of the following:</b> AP Environmental Science Honors Anatomy/Physiology Honors Biotechnology Honors Zoology Chemistry I Physics I AP Physics I - if took Physics I
Biology I	Honors Zoology	<b>Any one or more of the following:</b> Chemistry I Honors Chemistry I Physics I AP Physics I	<b>Any one or more of the following:</b> AP Biology – if took Hon. Chem. AP Chemistry – if took Hon. Chem. AP Environmental Science Honors Anatomy/Physiology Honors Biotechnology Chemistry I Physics I AP Physics I AP Physics C – if took AP Physics I
Biology I	Chemistry I	<b>Any one or more of the following:</b> AP Environmental Science Honors Anatomy/Physiology Honors Biotechnology Honors Zoology Physics I AP Physics I	<b>Any one or more of the following:</b> AP Environmental Science Honors Zoology Honors Biotechnology Honors Anatomy/Physiology Physics I AP Physics I AP Physics C – if took AP Physics I

Biology I	Honors Chemistry I	<b>Any one or more of the following:</b> AP Biology AP Chemistry AP Environmental Science Honors Anatomy/Physiology Honors Biotechnology Physics I AP Physics I Honors Zoology	<b>Any one or more of the following:</b> AP Biology AP Chemistry AP Environmental Science Honors Anatomy/Physiology Honors Biotechnology Physics I AP Physics I AP Physics C – if took AP Physics I Honors Zoology
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*\*Students who enroll in Honors Chemistry as freshmen must have taken a high school Biology course as an 8th grader, and demonstrated proficiency on Brebenf's biology mastery test.*

### 3499 Biology I

(Year-long Course)

- *Required course*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*

This course provides, through regular laboratory and field investigations, a study of the structures and functions of living organisms and their interactions with their environment. This study explores the functions and processes of cells and the roles and interdependencies of organisms within populations, communities, ecosystems, and the biosphere. Students have opportunities to: (1) gain an understanding of the history of the development of biological knowledge, (2) explore the uses of biology in various careers, and (3) cope with biological questions and problems related to personal needs and social issues. It is an in-depth overview of the life sciences. Topics may include scientific method, taxonomy, biochemistry, cell biology, mitosis, meiosis, genetics, biotechnology, evolution, and ecology. Activities and laboratory experiences will attempt to reinforce discussions and readings and to develop basic laboratory skills. Goals outside of the content area include improving organizational skills, cultivating lifelong study habits, developing critical thinking skills and problem solving approaches, increasing technology confidence, increasing reading comprehension, and developing a sense of community.

### 3515 Biology II: Honors Zoology

(Year-long Course)

- *Prerequisite: Grade 10, 11, or 12*
- *Science elective; can be used to meet science requirement if both semesters are taken*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*

This course will explore the diversity and evolution of the nine major phyla of the animal kingdom. The primary focus will be a systematic study of the animal phyla to provide students with an understanding of the interaction between structure and function and an understanding of the evolutionary advancements exhibited by each phylum. The course will be a mixture of lectures and laboratories. The course laboratories are hands-on with a variety of activities including: dissection, behavioral studies and physiological studies.

### **3502 Biology II: Honors Biotechnology**

(Year-long Course)

- *Prerequisite: Grade 11 or 12*
- *Science elective; can be used to meet science requirement if both semesters are taken*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*

This course serves as an introduction to modern biotechnology tools and techniques used in research. Students will explore bioinformatics, molecular biology, forensic biology, and bioethics. The course provides hands-on laboratory experience with column chromatography, ELISA, DNA isolation, PCR, electrophoresis, recombinant DNA, restriction analysis, and Western Blot.

### **3503 Biology II: Honors Anatomy/Physiology**

(Year-long Course)

- *Prerequisite: Grade 11 or 12, Chemistry I or Honors Chemistry I*
- *Science elective; can be used to meet science requirement if both semesters are taken*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*

This course will investigate human anatomy and physiology. Study will focus on the structure and function of the systems of the human body and the interaction of those systems. This will include an overview of nomenclature, physiology, and histology for each system as well as analysis of dysfunction. Laboratory work is designed to reinforce the text and lecture material through dissection of specimens and organs and by analysis of data collected with the use of technology during physiological experiments. This would be a valuable course for students who are seriously considering careers in medical and health related fields.

### **3504 Environmental Science - AP**

(Year-long Course)

- *Prerequisite: Grade 11 or 12; C+ and/or better in Chemistry or Physics.*
- *Science elective; can be used to meet science requirement if both semesters are taken*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Course qualifies students to take the AP Environmental Science Exam offered by the College Board*

This course is designed to be the equivalent of an introductory college course in environmental science. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying themes that cut across the many topics included in the study of environmental science. The major topics covered are earth systems and resources, the living world, population, land and water use, energy resources and consumption, pollution and global change. Students will participate in regular outdoor lab work in addition to traditional lab work to reinforce concepts.

### **3505 Biology - AP**

(Year-long Course)

- *Prerequisites: Biology I; Chemistry I- Honors; B+ average in all science courses; recommendation of Chemistry teacher.*
- *Science elective; can be used to meet science requirement if both semesters are taken*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Course qualifies students to take the AP Biology Exam offered by the College Board*

This course is equivalent to an introductory college biology course. Topics covered will include basic molecular biology, cell biology, energetics, taxonomy, systematics, molecular genetics, heredity (with emphasis on human and bioethical decision making), evolution, population dynamics, and ecology. Traditional laboratory work will be performed to acquaint the student with various lab skills and equipment and to reinforce the lectures and readings. Other, more open-

ended exercises will ask the student to interpret data, solve problems, and design experiments. On days where a PRT immediately follows the class period the teacher may use that PRT period for continued lab work. Utilization of that ensuing PRT for lab completion is an expectation for the course.

### 3506 Integrated Chemistry-Physics

(Year-long Course)

- *Prerequisites: Grade of C- or below in freshman Algebra I/ Algebra II Hon. results in automatic enrollment; Recommendation of the student's Biology I teacher and/ or Algebra I teacher.*
- *Students take this course during their sophomore year to prepare to take either Physics or Chemistry their junior year. Students may not enroll in Chemistry Honors or AP Physics 1 their junior year.*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*

This course allows students to develop skills and confidence needed to be successful in chemistry and physics, especially in regards to mathematical problem solving in students' junior year. The course introduces the fundamental concepts of scientific inquiry, the structure of matter, chemical reactions, forces, motion, and the interactions between energy and matter. This course will serve students as a laboratory-based introduction to possible future coursework in chemistry or physics while ensuring a mastery of the basics of each discipline. The ultimate goal of the course is to produce scientifically literate citizens capable of using their knowledge of physical science to solve real-world problems and to make personal, social, and ethical decisions that have consequences beyond the classroom walls. Measurements, the metric system, significant figures, precision, accuracy, calculator usage, and laboratory procedures are stressed. Topics include atomic theory, properties and classification of matter, bonding, solutions, motion, Newton's Laws, simple machines, momentum and problem solving skills.

### 3507 Chemistry I

(Year-long Course)

- *Prerequisites: Grade 10: At least a C average in freshman math course. Grade 11: Successful completion of Algebra II or equivalent.*
- *Students are required to take either Physics or Chemistry*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*

This course allows students to synthesize useful models of the structure of matter and the mechanisms of its interactions through laboratory investigations of matter and its chemical reactions. Students have opportunities to: (1) gain an understanding of the history of chemistry, (2) explore the uses of chemistry in various careers, (3) cope with chemical questions and problems related to personal needs and social issues, and (4) learn and practice laboratory safety. A partial listing of topics includes atomic theory, formula writing, nomenclature, chemical bonding, molecular geometry, writing balanced chemical equations, stoichiometry, gas laws, solutions, and acid-base theories. Extensive laboratory experience is provided. Skills developed include equipment identification and use, reporting experimental results in various formats, and the mathematical manipulation of experimental data. This one-year course places emphasis on the mathematical aspects of the subject. A student **may not** take both Chemistry I and Chemistry I-Honors. This course is **not** adequate preparation for AP Chemistry or AP Biology.

### 3508 Chemistry I - Honors

(Year-long Course)

- *Prerequisites:* Grade 10: Cumulative GPA of at least 3.0; at least a B in Algebra II-Honors; at least an A- in both semesters of Algebra I / Grade 11 or 12: Cumulative GPA of at least 3.0; at least a B+ in Algebra I and Algebra II; at least a B in Algebra II-Honors; A in the
- *Student's sophomore science class.*
- *Students are required to take either Physics or Chemistry*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*

This course allows students to synthesize useful models of the structure of matter and the mechanisms of its interactions through laboratory investigations of matter and its chemical reactions. Students have opportunities to: (1) gain an understanding of the history of chemistry, (2) explore the uses of chemistry in various careers, (3) cope with chemical questions and problems related to personal needs and social issues, and (4) learn and practice laboratory safety. This is an introductory chemistry course designed for students who are planning to take Chemistry-AP and/or who are planning careers in scientific fields. The course moves at a faster pace than Chemistry I, and topics are covered in more depth. Additional topics include oxidation-reduction, electrochemistry, equilibrium, reaction rates, and nuclear chemistry. A student **may not** take both Chemistry I and Chemistry I-Honors. This course must be taken in preparation for AP Chemistry and AP Biology.

### 3509 Chemistry - AP

(Year-long Course)

- *Prerequisites:* B average in Chemistry I-Honors; consent of Chemistry I-Honors instructor.
- *Science elective; Can be used to meet science requirement if both semesters are taken*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Course qualifies students to take the AP Chemistry Exam offered by the College Board*

This course is modeled after a typical pre-professional college general chemistry course. Students are expected to assume much of the responsibility for their own learning. The course is presented in a collegiate format with each week consisting of lectures, recitations, and a laboratory period. Typical laboratory exercises include statistical analysis of data, gravimetric and volumetric analysis, spectrophotometric analysis, synthesis, kinetic and equilibria studies, pH determinations, and quantitative analysis. Students learn how to keep scientific records and how to write formal laboratory reports. Students will use calculator based data acquisition in the laboratory and computer generated analysis.

On days where a PRT immediately follows the period, the teacher may use that PRT period for continued lab work. Utilization of that ensuing PRT for lab completion is an expectation for the course.

### 3510 Physics I

(Year-long Course)

- *Prerequisites:* Grade 11 or 12;
- *Students are required to take either Physics or Chemistry*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*

This course aids students in synthesizing and mastering the fundamental concepts and principles concerning motion and forces through the laboratory study of mechanics. Students will develop models that describe various physical phenomena through experiments rather than lectures. Students will then explore these models by employing mathematical equations, written descriptions, graphs, and diagrams. This course covers the topics of constant velocity, forces, Newton's Laws, impulse and momentum, and acceleration. This course is **not** adequate preparation for the Physics-AP(C) course.

### 3513 Physics I - AP

(Year-long

Course)

- *Prerequisites: Grade 11 or 12; Successful completion of (2182)Precalculus I - Honors, or concurrent enrollment in (2231/2232) Precalculus; concurrent enrollment in (2271) Precalculus II- Honors or Calculus I-AP is recommended. Students in ICP may not enroll in Physics AP I their junior year.*
- *Students are required to take either Physics or Chemistry*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Course qualifies students to take the AP Physics 1 Exam offered by the College Board*

This course aids students in synthesizing the fundamental concepts and principles concerning matter and energy through the laboratory study of Newtonian mechanics (including rotational motion), work, energy and power, fluid mechanics, thermal physics, electricity, magnetism, waves, optics, sound, circuits, atomic physics, and nuclear physics. Students have opportunities to: (1) acquire an awareness of the history of physics and its role in the birth of technology, (2) explore the uses of its models, theories, and laws in various careers, and (3) cope with physics questions and problems related to personal needs and social issues. This is a first course designed for students who are planning to take Physics-AP(C) or who are planning careers in scientific or engineering fields. Much of the initial mathematical preparation is omitted and the course moves at a faster rate than Physics I. Topics are treated in more depth making extensive use of trigonometry. Additional topics include torque, moment of inertia, rotational motion, generalized gravity theory, and others. This course should be taken in preparation for Physics-AP(C).

### 3514 Physics - AP(C)

(Year-long Course)

- *Prerequisite: At least a B average in AP Physics I and Precalculus; completion of, or concurrent enrollment in, Calculus I-ACP or Calculus A-AP.*
- *Science elective; can be used to meet science requirement if both semesters are taken*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Course qualifies students to take the AP Physics C Exams offered by the College Board*

This course is a calculus-based, college-level course. The first semester reviews the topics of mechanics in considerably more depth and complexity than AP Physics I. First semester topics include non-constant acceleration; dynamics, work, and impulse with variable forces; rotation; orbital mechanics; and simple harmonic motion. The second semester will cover fundamental electrical and magnetic theory. Second semester topics include electric fields and potentials, capacitors, time-dependent circuits, magnetic fields, electromagnetic induction, and inductors.

### 0034 Marine Science Summer Seminar - Honors

- *Prerequisites: Biology I; Application Process*
- *Science elective*
- *One credit course*
- *An off-campus, 2 week intensive course (offered on odd-numbered years)*

This course is an introduction to the biology of the marine environment. Students will travel to a marine location, such as Hawaii, where they will conduct in-depth studies of marine organisms, their habitats, and the environmental factors that affect these organisms. Marine science is interdisciplinary; it encompasses all aspects of biology as it applies to marine biology, as well as the chemistry, physics and geology of their environments. The course will include 4 hours of classroom lessons followed by a 4 hour laboratory in the ocean for a total of 80 hours of instruction, laboratory reporting, quizzes, a final exam and a short reflection paper. Students will be taught snorkeling and freediving skills and will have the opportunity to SCUBA dive. The major topics covered are safety, vertebrate & invertebrate anatomy and physiology, taxonomy, coral zonation, marine plants, plankton, mariculture, intertidal ecology, tides and waves, plate

tectonics, volcanology, and conservation. Field trips to state and national parks, locations of historical and cultural significance, boat and/or submarine rides, and many other educational extras will be included.

### **3516/3517 Applied Science: An Introductory Course to Field Studies**

This course is designed for senior students that have taken APES (prerequisite) who wish to concentrate on conservation efforts in and around Brebeuf Jesuit. A strong focus will be on gathering data on the nature preserve, including the organisms that inhabit the area, as well as researching and enacting management strategies to remove invasive species and encourage growth of native Indiana plants. Other areas of focus will include managing and monitoring Brebeuf's recycling as well as looking for areas of improvement in sustainability on campus.

## SOCIAL STUDIES DEPARTMENT

Graduation requirements at Brebeuf Jesuit include three years of Social Studies. A student must have (1) one year of World Civilizations, (2) one year of United States History, (3) one semester of Economics and (4) one semester of United States Government. Additionally, students are strongly encouraged to take advantage of our elective course offerings, which they can take during their junior and senior years. Our eight advanced placement (AP) courses –AP Comparative Government, AP US Government, AP European History, AP Macroeconomics, AP Microeconomics, AP Psychology, AP United States History and AP Human Geography– are college level courses and are designed to prepare students for the Advanced Placement examinations given by the College Board.

Freshmen	Sophomores	Juniors	Seniors
World Civilizations <b>OR</b> AP World History Modern	<b>One of the following:</b> United States History AP United States History  <b>Any one or more of the following:</b> Introduction to Business Sports Psychology Black History I Black History II	<b>Any one or more of the following:</b> AP Comparative Government AP European History AP Microeconomics AP Psychology AP Human Geography Introduction to Psychology Sports Psychology Sociology Black History I Black History II Genocide and the Holocaust Introduction to Business Principles of Business Management Personal Finance/Entrepreneurship	<b>One of the following:</b> US Government AP US Government  <b>AND</b>  <b>One of the following:</b> Economics AP Macroeconomics  <b>Any one or more of the following elective:</b> AP Comparative Government AP European History AP Microeconomics AP Psychology AP Human Geography Introduction to Psychology Sports Psychology Sociology Black History I Black History II Genocide and the Holocaust Principles of Business Management Personal Finance/Entrepreneurship

**4011 World History and Civilizations I**

(One Semester Course)

**4012 World History and Civilizations II**

(One Semester Course)

- *Prerequisite: Grade 9*

- *Required course (must take this course or World History Modern-AP)*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*

This course utilizes a multi-cultural perspective in which both historical and current issues are addressed through the use of lectures, handouts, videos and projects. This course satisfies the state required course description below:

World History and Civilization provides for a study of selected world cultures, past and present. The content of this course provides a basis for students to compare and analyze patterns of culture, emphasizing both the diversity and the commonality of human experience and behavior. This course emphasizes the interaction of local cultures with the natural environment, as well as the connections among civilizations from earliest times to the present. This course is designed to focus on: (1) prehistory; (2) early world civilizations, including the rise of civilizations of the Middle East, Africa, and Asia; (3) the classical civilizations of Europe, Asia, Africa, and Latin America; and (4) the development of modern societies. This course might also trace important themes in human history or be designed to focus on a comparative study of two or more selected societies.

### **4337 World History Modern - AP**

(Year-long Course)

- *Prerequisite: Grade 9*
- *Social Studies elective*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Pass entrance exam*

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 BCE to the present. Students will develop and use skills, practices and methods employed by historians. These skills amount to analyzing primary and secondary sources, developing historical arguments, making historical connections, and utilizing reasoning about comparison, causation, and continuity and change over time. The course will follow six themes that students explore throughout the course in order to make connections: Humans and the Environment, Cultural Developments and Interactions, Governance, Economic Systems, Social Interactions and Organization, and Technology and Innovation.

### **4110 US History**

(One Semester Course)

### **4130 US History**

(One Semester Course)

- *Prerequisite: Grade 10*
- *Required course (must take this course or US History-AP)*
- *Two credit course*
- *An Indiana Honors Diploma Course*

This course is required and typically taken during the sophomore year. Taught chronologically, the course is centered on social, political, economic, and foreign policy themes. Teachers and students begin with the very beginnings of colonial America and work forward, culminating in modern day events, while emphasizing the previously stated themes. Students are expected to develop skills and processes of historical thinking and inquiry that involve chronological thinking, comprehension, analysis and interpretation, and research in primary and secondary sources. Teachers use supplemental texts, videos, and projects to engage the students.

### **4131 US History - AP**

(Year-long Course)

- *Prerequisite: Grade 10-12, 3.6 AP World History or A in English and World History*
- *Social Studies elective*
- *Two credit course (one credit per semester)*
- *An Indiana Honors Diploma course*

This is an advanced level course in US History that prepares students to take the AP US History Exam offered by the College Board. Students enrolled in this course are expected to take the AP US History Exam. AP readings (including primary and secondary sources) and exam material are a substantial part of the course. Interpretive history is emphasized over narrative history.

If you are an incoming sophomore who took regular World History and Civilizations, there is an application process to get into the course. In addition, teacher recommendation, grades in English and Social Studies, and overall performance as a freshman will be considerations in this selection process.

### **4310 Government**

(One Semester Course)

- *Prerequisite: Grade 12*
- *Required course (must take this or AP US Government senior year)*
- *One credit course*
- *An Indiana Academic Honors Diploma course*

This course (or the US Government and Politics-AP course) is required of all seniors. All classes concentrate on the national, state, and local governmental structures in the United States. Emphasis is placed on the Constitution, federalism, the separation of powers, and the internal workings of governmental components, with stress on political behavior.

### **4370 US Government and Politics - AP**

(One Semester Course)

- *Prerequisite: Grade 12; cumulative GPA of at least 3.4 or permission of instructor*
- *Meets Government requirement (must be taken senior year)*
- *One credit course*
- *An Indiana Academic Honors Diploma course*

This course involves the study of political science, political philosophy, US Government and the American political system. It requires familiarity with various institutions, special interest groups and their beliefs and goals as they affect our political system. Students review the American Constitution and Supreme Court cases dealing with the Bill of Rights, the Federalist papers, and political parties and issues. Intensive reading and testing are required in preparation for the AP Exam.

### **4360 Government and Politics: Comparative - AP**

(One Semester Course)

- *Prerequisite: Grade 11-12; cumulative GPA of at least 3.4 or permission of instructor*
- *One credit course*

This course introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in six countries. These countries form the core of the course: China, Great Britain, Mexico, Nigeria, Russia, and Iran. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic policymaking. The intent is to move the discussion of concepts from abstract definition to concrete example, noting that not all concepts will be equally useful in all country settings.

### **4320 Economics**

(One Semester Course)

- *Prerequisite: Grade 12*
- *Required course (must take this or AP Macroeconomics senior year)*
- *One credit course*
- *An Indiana Academic Honors Diploma course*

This course (or Economics-AP) is required of all seniors. A one semester course, Economics focuses on an overview of microeconomic and macroeconomic theory. Issues involving market structure, supply and demand, pricing, inflation, unemployment, output, and trade will be discussed.

### **4331 Macroeconomics - AP**

(One Semester Course)

- *Prerequisite: Grade 12; cumulative GPA of at least 3.4 or permission of instructor*
- *Meets Economics requirement (must be taken senior year)*
- *One credit course*
- *An Indiana Academic Honors Diploma course*

This course gives students a thorough understanding of the principles of economics that apply to an economic system as a whole. It places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. The course also includes basic principles of economics such as supply and demand. It is particularly recommended for those with strong interests in government and national economic policymaking.

As an AP course, the course material and the work expected of students are at the college level. Students will be prepared to do well on the AP Macroeconomics exam in the spring.

This course will complete the student's economics requirement, and if a student wishes to take just one semester of college-level economics at Brebeuf, this is the course they will take. Students who wish to take a second course in college-level economics may also register for AP Microeconomics.

### **4332 Microeconomics - AP**

(One Semester Course)

- *Prerequisite: Grade 11 -12; a 3.4 GPA or instructor permission*
- *One credit course*

This course gives students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. This course is particularly recommended for students with strong interests in business and the functions of competitive markets in an economy. As an AP course, the course material and the work expected of students are at the college level. Students will be prepared to do well on the AP Microeconomics exam in the spring.

### **4291/4292 European History - AP**

(Year-long Course)

- *Prerequisite: Grade 11 -12; cumulative GPA of at least 3.4 or permission of instructor*
- *Social Studies elective*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*

This course follows College Board Entrance Examination guidelines for advanced placement European History. The study of European history since 1300 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. The course is designed for understanding the development of contemporary institutions, the role of conflict and continuity in present day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence, and (c) an ability to analyze and to express historical understanding in writing. This course will prepare students to take the AP exam.

### **4240 Genocide and the Holocaust**

(One Semester Course)

- *Prerequisite: Grade 11-12*
- *Social Studies elective*
- *One credit course*

This course takes a look at both the academic and social constructions of genocide. We will view the Holocaust as the paradigmatic example of, but not only, genocide in modern history. Students will study the causes and processes of genocide as well as other contemporary crimes against humanity.

## **4250 Introductory Psychology**

(One Semester Course)

- *Prerequisite: Grade 11-12*
- *Social Studies elective*
- *One credit course*

This course introduces students to the scientific study of the mind and human behavior. Included in the course are units devoted to: the scientific method, development, sensation and perception, learning, personality, memory, mental health, and social psychology.

## **4260 Sports Psychology**

(One Semester Course)

- *Prerequisite: Grade 10 - 12*
- *Social Studies elective*
- *One credit course*

Sport Psychology is the scientific study of people and their behavior in sport and exercise. This course introduces the idea of how psychological factors affect an individual's physical performance. It also allows the students to explore how participation in sport and exercise affect a person's psychological development, health and well-being.

## **4401 Psychology - AP**

(Year-long Course)

- *Prerequisites: Grade 11- 12; 3.3 combined GPA in English and Science classes*
- *Social Studies elective*
- *Two credit course (one credit per semester)*

This course follows College Board Entrance Examination guidelines for advanced placement Psychology. The AP Psychology course introduces students to a systematic and scientific study of human behavior and mental processes. In the course, students will study the psychologists and studies that have shaped the field, as well as explore and apply psychological theories, concepts, and phenomena. They will deal with topics like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. This course will prepare students to take the AP exam.

## **4210 Sociology**

(One Semester Course)

- *Prerequisite: Grade 11-12*
- *Social Studies Elective*
- *One credit course*

Sociology studies how the structures of society affect human behavior and interaction. This course takes a Social Issues perspective as students learn to use sociological thinking and perspectives to more creatively and deeply analyze the world.

## **4245 Black History I**

(One Semester Course)

- *Prerequisite: Grade 10-12*
- *Social Studies Elective*
- *One credit course*

Students will examine the relationships and significance of themes, concepts, and movements in Black history beginning with the birth of humankind and topics until the Reconstruction era in U.S History; The history and accomplishments of African civilizations and their evolution will be explored. They will also analyze the myths and misconceptions of Black history and the effects of these omissions and commissions. Students will learn methods for comprehension, analysis, and interpretation of historical events and documents; and explore resources for research and problem solving. The class will “revisit” the history of the Transatlantic Slave Trade and Slavery, including the myriad of ways in which Black people rebelled and resisted. We will discuss the power of stereotypes and deconstruct the concept of race itself. This class also intends to examine the ways students can relate to the language, history, geography, culture and politics of Black America.

## **4246 Black History II**

(One Semester Course)

- *Prerequisite: Grade 10-12*
- *Social Studies Elective*
- *One credit course*
- *Students do not need to take Black History I to participate in Black History II*

Students will examine the 20th and 21st century issues of the Black experience. Units will include the rise of Black towns settlements, and movements in the early 20th century and the White backlash. Students will analyze the idea of Black identity and the impact of racism and White Supremacy upon its development, including standards of beauty and overall self concepts. We will discuss the power of stereotypes and deconstruct the concept of race itself. Other topics include Black social and political movements and organizations and their impact on the United States and the world. The concept of Pan-Africanism and the cultural and historical unity of Black people will also be analyzed. Later units will include the contemporary political and social movements, including the Civil Rights Movement, the Black Power Movement, election of President Barack Obama and the protests of the Black Lives Matter Movement.

## **4336 Human Geography - AP**

(Year-long Course)

- *Prerequisite: Grade 11-12*
- *Social Studies Elective*
- *Two credit course (one credit per semester)*

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students employ spatial concepts and landscape analysis to examine socio economic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012).

### **4315 Introduction to Business**

(One Semester Course)

- *Prerequisites: Grades 10 - 11*

Introduction to Business introduces students to the world of business, including the concepts, functions, and skills required for meeting the challenges of operating a business in the twenty-first century on a local, national, and/or international scale. The course covers business management, entrepreneurship, marketing fundamentals, and business ethics and law. The course develops business vocabulary and provides an overview of business and the role that business plays in economic, social, and political environments.

### **4562 Principles of Business Management**

(One Semester Course)

- *Prerequisites: Grades 11-12; Completion of Introduction to Business*

Principles of Business Management focuses on the roles and responsibilities of managers as well as opportunities and challenges of ethically managing a business in the free-enterprise system. Students will gain an understanding of management, team building, leadership, problem-solving steps and processes that contribute to the achievement of organizational goals. The management of human and financial resources is emphasized.

### **4248 Personal Finance/Entrepreneurship**

(One Semester Course)

- *Prerequisites: Grade 11-12*
- *One credit course*

The Personal Financial Responsibility curriculum equips students to make informed, wise, and values-driven decisions with their financial resources in the short-term and long-term. It draws its topics from the Indiana state standards for financial education, and it seeks to engage students through real-life applications, decisions and actions which they take. Topics will include employment, income, taxes, budgeting, spending, giving, saving, investing, credit, debt, and insurance. We hope to give students the confidence that they will be able to manage their financial lives well, no matter the uncertainties of life ahead of them.

### **4244 Business Field Experience: Spirit Store**

(One Semester Course)

- *Prerequisites: Grade 12*
- *Prerequisites: For 2022-2023, must have taken Personal Finance/Entrepreneurship as a Junior*

The Business Field Experience: Spirit Store class offers Brebeuf Seniors the opportunity to learn hands-on experience in running the day-to-day operations of a business. To be eligible for this class, students must have taken other Business classes offered by Brebeuf Jesuit and they will go through an application process.

### **Indiana Studies (Indiana Online Academy)**

(One Semester Course)

- *One credit course*
- *This course does not count towards the required seven class minimum*

Indiana Studies is an integrated course that compares and contrasts state and national developments in the areas of politics, economics, history, and culture. The course uses Indiana history as a basis for understanding current policies, practices, and state legislative procedures. It also includes the study of state and national constitutions from a historical perspective and as a current foundation of government. Examination of individual leaders and their roles in a democratic society will be included, and students will examine the participation of citizens in the political process. Selections from Indiana arts and literature may also be analyzed for insights into historical events and cultural expressions.

### **Ethnic Studies (Indiana Online Academy)**

(One Semester Course)

- *One credit course*
- *This course does not count towards the required seven class minimum*

Ethnic Studies provides opportunities to broaden students' perspectives concerning lifestyles and cultural patterns of ethnic groups in the United States. This course will either focus on a particular ethnic group or groups, or use a comparative approach to the study of patterns of cultural development, immigration, and assimilation, as well as the contributions of specific ethnic or cultural groups. The course may also include analysis of the political impact of ethnic diversity in the United States.

# VISUAL AND PERFORMING ARTS DEPARTMENT

## ART

### 9410 Drawing I

(One Semester Course)

- *Prerequisites: None*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *Fulfills Visual and Performing Arts Credit*

Drawing I is a course designed predominantly to enhance a student's visual perception through the creation of images. Students will explore various media and approaches to rendering images from life and from imagination. Students use and develop a personal sketchbook.

### 9420 Drawing II

(One Semester Course)

- *Prerequisites: Drawing I*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *Fulfills Visual and Performing Arts Credit*

Drawing II is a continuation and refinement of the ideas and concepts introduced in Drawing I. Emphasis is on developing the student's own style and appreciation of drawing.

Students in Drawing engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. In the area of:

- Art history: students search for meaning, significance, and direction in their work through an in-depth analysis of historical and contemporary drawings from a variety of cultural groups identifying relationships between context, form, and function;
- Art criticism: students search for meaning, significance, and direction in their work by critically examining the relationships between context, form, function, and meaning in their own work and in historical and contemporary drawings;
- Aesthetics: students search for meaning, significance, and direction in their work by: (1) formulating evaluations of historic and contemporary drawings, (2) responding to personal questions about the nature of art, (3) reflecting on their changing definitions of art, and (4) assessing their ideas in relation to the art community; and
- Production: students search for meaning, significance, and direction in their work by choosing and evaluating subject matter, symbols, and ideas that communicate intended meaning in their artwork. In addition, students: (1) use organizational principles and functions to solve specific visual problems, (2) apply media, techniques, and processes with sufficient skill to communicate intended meaning, and (3) use a variety of media such as pencil, chalk, pastels, charcoal, and pen and ink. Students at this level produce works for their portfolios which demonstrate a sincere desire to explore a variety of ideas and problems.

Students create drawings utilizing processes such as sketching, rendering, contour, gesture, and perspective drawing. Additionally, students: (1) reflect upon the outcome of these experiences, (2) explore historical connections, (3) write about the process, (4) make presentations about their progress at regular intervals, (5) work individually and in groups, (6) find a direct correlation to other disciplines, and (7) explore career options related to drawing. Art museums, galleries, studios, and community resources are utilized.

### 9510 Painting I

(One Semester Course)

- *Prerequisites: Drawing I*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *Fulfills Visual and Performing Arts Credit*

Painting I is a course designed to enhance a student's understanding and utilization of various painting media and color theory. Projects will be designed around a working knowledge of the styles of art as varied approaches to expression.

## **9520 Painting II**

(One Semester Course)

- *Prerequisites: Drawing I and Painting I*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *Fulfills Visual and Performing Arts Credit*

Painting II continues and refines the use of a selected medium. Special emphasis is on techniques and personal style.

Students taking Painting engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production that lead to the creation of portfolio quality works. In the area of:

- Art history: students search for meaning, significance, and direction in their work through an in-depth analysis of historical and contemporary paintings from a variety of cultural groups, identifying relationships between context, form, and function;
- Art criticism: students search for meaning, significance, and direction in their work by critically examining the relationships between context, form, function, and meaning in their own work and in historical and contemporary paintings;
- Aesthetics: students search for meaning, significance, and direction in their work by formulating evaluations of historic and contemporary paintings, responding to personal questions about the nature of art, reflecting on their changing definitions of art, and assessing their ideas in relation to the art community; and
- Production: students search for meaning, significance, and direction in their work by choosing and evaluating subject matter, symbols, and ideas that communicate intended meaning in their artwork. In addition students: (1) use organizational principles and functions to solve specific visual problems, (2) apply media, techniques, and processes with sufficient skill to communicate intended meaning, and (3) use a variety of materials such as mixed media, watercolor, oil, and acrylics as well as techniques such as stippling, gouache, wash, and impasto. Students at this level produce works for their portfolios which demonstrate a sincere desire to explore a variety of ideas and problems.

Within this context, students: (1) create abstract and realistic paintings, (2) reflect upon the outcome of these experiences, (3) explore historical connections, (4) write about the process, (5) make presentations about their progress at regular intervals, (6) work individually and in groups, (7) find direct correlations to other disciplines, and (8) explore career options related to painting. Art museums, galleries, studios, and/or community resources are utilized.

### **9415 Ceramics: Hand-Building**

(One Semester Course)

- *Prerequisites: None*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *Fulfills Visual and Performing Arts Credit*

Ceramics: Hand Building is a course in which students will learn the processes of constructing and modeling both realistic and abstract works. The projects will be based on art history and the aesthetic approaches of contemporary ceramists. Local galleries will be utilized so that students can learn how to write about art while getting a taste of artistic production and presentation in the Indianapolis community.

### **9416 Ceramics: Wheel-Throwing**

(One Semester Course)

- *Prerequisites: None*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *Fulfills Visual and Performing Arts Credit*

Ceramics: Wheel-Throwing is a course in which students will learn how to use the potter's wheel to create vases, dinnerware, and abstract sculpture. As part of this process, students will learn the glaze techniques and pottery forms from a variety of cultures. Local galleries will also be utilized so that students can learn how to write about art while getting a taste of artistic production and presentation in the Indianapolis community.

### **9417 Ceramics: Portfolio Work**

(One Semester Course)

- *Prerequisites: Ceramics: Hand-building, Ceramics: Wheel-Throwing, teacher approval*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *Students may take up to two successive semesters of this course for credit*
- *Fulfills Visual and Performing Arts Credit*

Ceramics: Portfolio Work focuses on having each student develop their own style of working in clay. Hand-building, modeling, and wheel throwing techniques may be used to produce an original body of work. This quest to develop an individual style will include research into a personally appealing culture, period, or artist. In addition, local museums and galleries will be utilized as students learn about artistic production in the present day.

### **9560 Computer Graphics**

(One Semester Course)

- *Prerequisites: None*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *Fulfills Visual and Performing Arts Credit*

Using Adobe Photoshop and Illustrator, students create images incorporating photography, drawings, and mixed media for fine art, graphic design, and desktop publishing applications. Along with design and color theory, students will use a variety of design approaches anchored in art history and contemporary production. Local galleries will be utilized so that students can learn how to write about art while getting a taste of artistic production and presentation in the Indianapolis community.

**9571 Studio Art I - AP**

(One Semester Course)

**9572 Studio Art II - AP**

(One Semester Course)

- *Prerequisites: Drawing 1, Drawing 2; two semesters of a medium other than Drawing (Painting, Printmaking, Ceramics, or Photography/Computer Graphics); and teacher approval*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Fulfills Visual and Performing Arts Credit*

Working in a variety of media, each student will produce a body of original work which meets the criteria set forth by The College Board for the AP Studio Art examination given in the spring. This course is designed both for those planning to prepare a portfolio for admissions to an art-related field in college and for those who would simply like to meet college standards and receive college credit for the artwork they are doing on the high school level. The course includes art history, criticism, aesthetics, and art production.

**9480 Photography: Digital**

(One Semester Course)

- *Prerequisites: None*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *A digital single-lens reflex camera is required*
- *Fulfills Visual and Performing Arts Credit*

This course will introduce students to digital photography as a fine art medium which utilizes *the* computer as a darkroom. The projects will be based both on art history and the aesthetic principles of contemporary photographers and will include instruction in camera and lighting manipulation along with the many options for image correction, retouching, and transformation in Photoshop. Standard, archival, and experimental output processes will also be explored. Local galleries will be utilized so that students can learn how to write about art while getting a taste of artistic production and presentation in the Indianapolis community.

## MUSIC

### 9868 - Piano 1 – Beginning

(One Semester Course, available both semesters)

- *Prerequisite: None*
- *One credit course*
- *Fulfills Visual and Performing Arts Credit*

Piano 1 is open to any student, with or without previous piano experience, who wishes to learn basic piano skills. Students taking this course are offered keyboard classes in order to develop music proficiency and musicianship. Students: (1) perform with proper posture, hand position, fingering, rhythm, and articulation; (2) learn basic music theory and analysis; (3) basic history of music and composers; (4) make interpretive decisions and perform with musicianship. By the completion of semester course students would have been assessed at 10 times at different stages of piano technique, 2 class projects to enhance music knowledge, 2 written tests with a term ending class recital and music literacy sufficient that of Level 2. Attendance of live performances will be a part of the class. Local or visiting pianists will be invited to class for hands-on musical discovery and insight. Performance of song in a term ending class recital.

### 9870 - Piano 2 – Beginning/Intermediate

(One Semester Course, available both semesters)

- *Prerequisite: Piano 1 with a letter grade B or higher, or audition to demonstrate competency*
- *One credit course*
- *Fulfills Visual and Performing Arts Credit*

Building on Piano 1, students will learn advanced music piano skills and continue to work on music theory and notation literacy demonstrated through sight-reading. Students: (1) perform with proper posture, hand position, fingering, rhythm, and articulation; (2) advance in their music theory and analysis literacy through sight-reading; (3) advance in their history of music and composers; (4) make interpretive decisions and perform with musicianship. By the completion of semester course students would have been assessed at 10 times at different stages of piano technique, 2 class projects to enhance music knowledge, 2 written tests with a repertoire (portfolio) of 6-8 selections which will be developed and be performed in a term ending class piano recital. Attendance of live performances will be a part of the class. Local or visiting pianists will be invited to class for hands-on musical discovery and insight.

### 9970 - Piano 3 – Intermediate

(One Semester Course, available both semesters)

- *Prerequisite: Piano 2 with a letter grade of B or higher, or audition to demonstrate competency*
- *One credit course*
- *Fulfills Visual and Performing Arts Credit*

Students taking this course are offered more advanced keyboard skills in order to develop music proficiency and musicianship through ensemble & solo playing. Instruction is designed so that students are enabled to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Students: (1) perform with proper posture, hand position, fingering, rhythm, and articulation; (2) compose and improvise melodic and harmonic material; (3) create and perform simple accompaniments; (4) listen to, analyze, sight-read, and study the literature performed; (5) study the elements of music as exemplified in a variety of styles; and (6) make interpretive decisions. By the completion of semester course students would have been assessed at 10 times on piano technique & musicianship, 2 class projects to enhance music knowledge, 2 written tests and a repertoire (portfolio) of 6-8 selections that will be developed and performed in a term ending class piano recital. Attendance of live performances will be a part of the class. Local or visiting pianists will be invited to class for hands-on musical discovery and insight. Students will be encouraged to register in Group I or Group II in the Indiana State School Music Associations' solo and ensemble contest in January/February.

**9974/9975 - Applied Music – Advanced Piano Studies** (available each semester, both semesters preferred)

*(in conjunction with wind ensemble & orchestra)*

- *Prerequisites: Applied Music (Wind and Percussion Studies) and/or teacher approval through an audition process*
- *Two credit course (one credit per semester)*
- *An Indiana Academic Honors Diploma course*
- *Students may take successive semesters of this course for credit*
- *PRT class*
- *Fulfills Visual and Performing Arts Credit*

Students taking Advanced Piano develop skills through music proficiency & musicianship through ensemble and solo playing. Mastery of piano technique must be evident. Instruction creates the development of the highest caliber in the diverse styles of piano literature appropriate in difficulty for the students. Instruction is designed so that students are able to connect, examine, imagine, define, try, extend, refine, and integrate music study into their other subject areas. Students: (1) perform with proper posture, hand position, fingering, rhythm, and articulation; (2) compose and improvise melodic and harmonic material; (3) create and perform simple accompaniments; (4) listen to, analyze, sight-read, and study the literature performed; (5) study the elements of music as exemplified in a variety of styles; and (6) make interpretive decisions. By the completion of semester course students would have been assessed at 10 times on piano technique & musicianship, 2 class projects to enhance music knowledge, 2 written tests and a repertoire (portfolio) of 10 selections that will be developed and be performed in a term ending class piano recital. Attendance of live performances will be a part of the class. Local or visiting pianists will be invited to class for hands-on musical discovery and insight. Students will be registered in Group I in the Indiana State School Music Associations' solo and ensemble contest in January/February.

**9660/9661 Vocal 101: Studio Vocal Ensemble**

(available each semester, both semesters preferred)

- *Prerequisites: Teacher approval through an audition process*
- *Two credit course (One credit per semester)*
- *Fulfills Visual and Performing Arts Credit*

Studio Vocal Ensemble is an introductory course designed to teach you how to make your voice sound more powerful, how to use vocal technique to expand your range and expression, and how to become more confident in vocal performances. You will also learn the fundamentals of music such as pitch, rhythm, harmony, phrasing, theory and interpretation, which are vital to performance in any musical setting. This course explores how to sing with more freedom, sing simple harmonies, have better breath control, and understand how to take care of your voice. Students will learn effective warm-up and practice routines, and ways to address performance anxiety, move on stage, and use microphones. As the course progresses, students will gain the skills to sing in various styles with greater facility and awareness. In conjunction with this class students will receive one-on-one vocal coachings with one of our in-house vocal coaches with a class ending recital. Studio Vocal Ensemble will have the opportunity to display their skills at concerts, convocations, all-school Masses, ISSMA State Contest & a class recital at the end of each semester. Participation in all these events is required and attendance is a significant part of the grading criteria. A realistic and appropriate amount of rehearsal time outside the classroom is expected. Studio Vocal Ensemble is an introduction to the skills necessary for performance in our vocal ensemble. This course is a fantastic starting point for anyone wanting to make the most of their voice. There is an annual choir fee to cover attire, apparel & coachings.

## 9662/9663 Vocal 102: Camerata Chorus

(available each semester, both semesters preferred)

- *Prerequisite: Completion of Vocal Studies 101 (B or higher) or teacher approval through an audition process*
- *An Indiana Academic Honors Diploma course*
- *Two credit course (one credit per semester)*
- *Fulfills Visual and Performing Arts Credit*

This course is for both male and female students who wish to expand their knowledge and ability in the vocal arts. A continuation from Studio Vocal Ensemble, this intermediate vocal ensemble provides students with learning opportunities that enable them to develop skills of proper tone production, diction, vocal technique, intonation, sight-reading and stage presence. This ensemble studies, rehearses, and performs music from the intermediate level and assessed five (5) times in a class recital over the course of a semester on the progress of their sight-reading and theory skills developed in class. Students must participate in performance opportunities, outside of the school day, that support and extend learning in the classroom. Camerata Chorus will have the opportunity to display their skills at concerts, convocations, festivals and other performances scheduled throughout the year. Students are also required to sing 4-5 Masses throughout the year. This includes every all-school Mass as well as special Masses held outside of the school day (these generally occur on the weekend). Participation in all Masses and concert events is required and attendance is a significant part of the grading criteria. A realistic and appropriate amount of rehearsal time outside the classroom commensurate with such a level is expected. There is an annual choir fee to cover attire, apparel & coachings.

## 9664/9665 Vocal Ensemble 103: Unam Voce Chamber Singers (avail each semester, both semesters preferred)

- *Prerequisite: Completion of Vocal Studies 101 (B or higher) or teacher approval through an audition process*
- *An Indiana Academic Honors Diploma course*
- *Two credit course (one credit per semester)*
- *Fulfills Visual and Performing Arts Credit*

This course is for both male and female students who wish to expand their knowledge and ability in the vocal arts beyond the traditional choir setting. Students taking this chamber vocal ensemble develop musicianship and specific performance skills through ensemble and solo singing. Unam Voce Chamber Singers is a mixed vocal ensemble composed of highly proficient vocal music students, generally limited to grades 10-12. Mastery of basic vocal technique must be evident. Activities create the development of a quality repertoire of the highest caliber in the diverse styles of choral literature appropriate in difficulty and range for the students. Areas of refinement include a cappella singing, sight-reading, and critical listening skills. Advanced training in stage presence, movement, and poise appropriate. This vocal ensemble studies, rehearses, and performs music from the ISSMA Group I List as well as competitive concert choir literature. Students must participate in performance opportunities, outside of the school day, that support and extend learning in the classroom. Students will have the opportunity to display their skills at concerts, convocations, festivals and other performances scheduled throughout the year. Students are also required to sing 4-5 Masses throughout the year. This includes all school Masses as well as special Masses held outside of the school day (these generally occur on the weekend). Participation in all Masses and concert events is required and attendance is a significant part of the grading criteria. A realistic and appropriate amount of rehearsal time outside the classroom commensurate with such a level will be expected. There is an annual choir fee to cover attire, apparel & coachings.

## 9802 Percussion Ensemble

- *Prerequisite: Percussion Studies and/or teacher approval through an audition.*
- *2 credits, 1 per semester*
- *An Indiana Academic Honors Diploma Course*
- *Students may take successive semesters for credit.*
- *Fulfills Visual and Performing Arts Credit*

Percussion Ensemble continues to build on the playing techniques and musical concepts covered in Percussion Studies, but with an emphasis on rehearsing and performing concert literature. Students in this class will perform as the percussion section of the Wind Ensemble and Camerata Orchestra, and will perform percussion literature on their own. Students in Percussion Ensemble will have either taken Percussion Studies or already have a grasp of the material covered in that course. Placement is based on an audition.

## 9602 Percussion Studies

- *Prerequisite: Teacher approval through an audition.*
- *2 credits, 1 per semester*
- *An Indiana Academic Honors Diploma Course*
- *Students may take successive semesters for credit.*
- *Fulfills Visual and Performing Arts Credit*

Percussion Studies will focus on playing techniques and sound production in the major areas of percussion performance including snare drum, keyboard, timpani, accessories, world percussion, and drum set. This course will also cover musical concepts such as pitch, rhythm, harmony, phrasing and interpretation, history, and theory, which are vital to performance in any musical situation. Percussion Studies is an introduction to the techniques necessary for performance in Percussion Ensemble. Performances will occur as much or as little as is necessary for the development of the students in the course.

## 9610 World Drumming

(One Semester Course)

Students will explore various traditions of non-western music through the lens of drumming. The class will emphasize African, South American, and Afro-Cuban musical styles including their origin, history, purpose, and their spread to and influence on western classical and popular music. The course will be a mixture of lecture, reading, and listening combined with experiencing the music through performance on traditional instruments.

## 9600 Wind Instrument Studies

- *Prerequisite: Teacher approval through an audition.*
- *2 credits, 1 per semester*
- *An Indiana Academic Honors Diploma Course*
- *Students may take successive semesters for credit.*
- *Fulfills Visual and Performing Arts Credit*

Wind Instrument Studies will focus on techniques necessary for performance of wind band and orchestral literature. These include breathing, instrument-specific techniques, and musical concepts such as pitch, rhythm, harmony, phrasing and interpretation, history, and theory which are vital to performance in any musical situation. Wind Instrument Studies is an introduction to the skills necessary for performance in Wind Ensemble. Performances will occur as much or as little as is necessary for the development of the students in the course.

## 9800 Wind Ensemble

- *Prerequisite: Wind Instrument Studies and/or teacher approval through an audition.*

- *2 credits, 1 per semester*
- *An Indiana Academic Honors Diploma Course*
- *Students may take successive semesters for credit.*
- *Fulfills Visual and Performing Arts Credit*

Wind Ensemble continues to build on the playing techniques and musical concepts covered in Wind Instrument Studies, but with an emphasis on rehearsing and performing concert literature. Students in this class will perform concert band literature with the Percussion Ensemble students serving as the percussion section, and will perform full orchestra literature along with the Camerata Orchestra students.

Students in Wind Ensemble will have either taken Wind Instrument Studies or already have a grasp of the material covered in that course. Placement is based on an audition.

### **9801 Camerata Orchestra**

- *Prerequisite: String Instrument Studies and/or teacher approval through an audition.*
- *2 credits, 1 per semester*
- *An Indiana Academic Honors Diploma Course*
- *Students may take successive semesters for credit.*
- *Fulfills Visual and Performing Arts Credit*

Camerata Orchestra continues to build on the playing techniques and musical concepts covered in Wind Instrument Studies, but with an emphasis on rehearsing and performing concert literature. Students in this class will perform string orchestra as well as full orchestra literature with the Percussion Ensemble and Camerata Orchestra students. Students in Camerata Orchestra will have either taken String Instrument Studies or already have a grasp of the material covered in that course. Placement is based on an audition.

### **9601 String Instrument Studies**

- *Prerequisite: Teacher approval through an audition.*
- *2 credits, 1 per semester*
- *An Indiana Academic Honors Diploma Course*
- *Students may take successive semesters for credit.*
- *Fulfills Visual and Performing Arts Credit*

String Instrument Studies will focus on techniques necessary for performance of orchestral literature. These include instrument-specific techniques such as bowing styles, finger patterns, shifting and upper positions, and musical concepts such as pitch, rhythm, harmony, phrasing and interpretation, history, and theory, which are vital to performance in any musical situation. String Instrument Studies is an introduction to the skills necessary for performance in Camerata Orchestra. Performances will occur as much or as little as is necessary for the development of the students in the course.

## THEATRE ARTS

### 9230 Introduction to Theatre

(One Semester Course)

- *Prerequisites: None*
- *One credit course*
- *An Indiana Academic Honors Diploma course*
- *Fulfills Visual and Performing Arts Credit*

Introduction to Theatre is intended to give the student an overview of the elements of theatre. Students will learn about the history of theatre as it began in Ancient Greece, moving into the era of the Roman Empire and beyond. Additionally, students will become acquainted with the various roles within a production of a play. Students will participate in a variety of group and individual development activities. Students will gain enough experience to decide if there is an area of interest which they may want to pursue further. At the very least, they will be able to appreciate theatre as an audience member with an understanding that they did not have before.

### 9250 Principles of Acting and Stage Production

(One Semester Course)

- *Prerequisite: Theatre I, Grade 10, 11, 12 OR instructor approval*
- *One credit per semester*
- *Fulfills Visual and Performing Arts Credit*

Principles of Acting and Stage Production is intended to give students a deeper understanding and appreciation of working in the theatre as an actor, member of the technical crew, or design team. Students will participate in a variety of group and individual performance opportunities and take part in character research and development activities. During the course, students will also have the opportunity to work on the set design and construction for Brebeuf Jesuit's Fall Play (fall semester) or Spring Musical (spring semester). Students will be encouraged to develop their theatre appreciation by attending or becoming involved in school and/or local theatrical performances.

### 9270 Advanced Acting / Theatre III

(One Semester Course)

- *Offered alternate years of Film Study*
- *Prerequisite: Grade 11 or 12, Theatre I or II, OR instructor approval*
- *One credit course*
- *Fulfills Visual and Performing Arts Credit*

Advanced Acting/Theatre III is a one semester survey and performance class. Students will be introduced to various philosophies, techniques, and exercises that will assist them in becoming more skilled and thoughtful actors. Students will be involved in individual and group performances and should expect to honestly critique their own work and that of their peers. Activities included puppetry, stage combat, Forum Theatre, mask work, and intense study of Shakespeare. The semester will culminate with an Acting Showcase, in which all members of the class will perform for an invited audience.

## 9300 Film Studies

(One Semester Course)

- *Prerequisite: Grade 10, 11, 12, Theatre 1, 2, or 3 OR instructor approval*
- *Offered alternate years of Advanced Acting*
- *One credit course*
- *Fulfills Visual and Performing Arts Credit*

This course will introduce students to the basics of film analysis, cinematic elements, genre, and narrative structure and will help students develop skills to recognize, analyze, describe and enjoy film as an art and entertainment form. The class includes weekly readings, screenings, and short writing assignments.. Parental permission to view some R-rated movies is required.

## WORLD LANGUAGES

### COURSE PATH OPTIONS

Graduation requirements at Brebeuf Jesuit include two years of a World Languages course in one language. In order to earn the Indiana Academic Honors Diploma, a student must have: (1) three years of study in one language or, (2) two years of study in each of two languages. Students are encouraged to fully develop their language skills by continuing their studies for all four years at Brebeuf Jesuit, regardless of the level at which they begin. Advanced Placement (AP) courses are college-level and designed to prepare students for the AP examinations given by the College Board. Scores on an AP language exam may also qualify seniors for a seal of Multilingual Proficiency that is issued by the state of Indiana. The following chart provides options for completion of world languages requirements, based on a student's starting point. A placement exam taken in the spring will determine, for example, the level at which freshmen begin their course of language studies. The progression of levels moves horizontally.

<b>Freshmen</b>	<b>Sophomores</b>	<b>Juniors</b>	<b>Seniors</b>
Chinese I French I Latin I Spanish I	Chinese II French II Latin II Spanish II	Chinese III French III Latin III Spanish III or Any Level I of a different language	Chinese IV Honors French IV Honors Latin IV Honors Spanish IV Honors or Level II of a different language
Chinese II French II Latin II Spanish II	Chinese III French III Latin III Spanish III	Chinese IV Honors French IV Honors Latin IV Honors Spanish IV Honors or Level I of a different language	Chinese V Honors French V Honors or AP French Latin V Honors Spanish V Honors: Film Studies, or Spanish V Honors: Literature and Storytelling AP Spanish and Culture or Level II of a different language
French III  Latin III  Spanish III	French IV Honors Latin IV Honors Spanish IV Honors	French V Honors or AP French* Latin V Honors  Spanish V Honors or AP Spanish* Or Spanish V Honors: Film Studies, or	AP French (if you took French V)  Latin VI Honors  AP Spanish Language and Culture (if you took Spanish V) or Level II of a different language

		Spanish V Honors: Literature and Storytelling AP Spanish Language and Culture or Level I of a different language	
French IV Spanish IV	French V Honors Spanish V Honors Film Studies, Conversation and Composition, or Spanish V Honors Literature and Storytelling	AP French Language and Culture AP Spanish Language and Culture or Level I of a different language	Level II of a different language

\*We prefer that a student take French V Honors or Spanish V Honors before taking the AP course, if at all possible.

## LEVEL I WORLD LANGUAGES

- *Can be used to meet world language requirement*
- *Two credit courses (one credit per semester)*
- *Fulfills Core 40 requirement*
- *Indiana Academic Honors Diploma course*

### 5700 French I

(Year-long Course)

French I is an introduction to the spoken and written French language and the culture of the francophone world. We have an emphasis on the development of conversational skills while also working on introductory reading and writing skills. grammar and vocabulary as well as a strong focus on the development of reading skills. Instruction of introductory grammar and vocabulary is used to support development of conversational skills. Written, listening and oral means of assessment are used to evaluate student progress with a goal of achieving a Novice-High / Intermediate-Low proficiency. This course is recommended for students who are interested in beginning an exploration of the French language and francophone cultures of the world.

### 5706 Latin I

(Year-long Course)

Latin I introduces the student to the language and culture of the Roman world in the first century A.D. Students will learn about the structure of the Latin language, its syntax, basic vocabulary, and grammar while learning about Roman culture, politics, and society. Assessment will be based on the student's ability to translate and explicate Latin passages and discuss issues relating to Roman culture. Reading, written, listening and recitation activities are used to assess student progress with a goal of achieving Novice Mid proficiency.

### 5711 Spanish I

(Year-long Course)

Spanish I is designed for students to continue developing their Spanish-language proficiency in the four skill areas: listening, reading, writing and speaking. To maximize language acquisition, the instructor speaks Spanish at least 90% of the time while supporting each learner with the necessary scaffolding to ensure comprehension. Students will be exposed to culturally-based themes by engaging with materials designed for Spanish-language learners and materials written for native speakers with appropriate translations to ensure comprehension. Students will be assessed in their development of all four skill areas, with the goal of achieving a Novice Mid Proficiency level according to ACTFL by the end of the course. Assessments will have more emphasis placed on the interpretive skills of reading and listening. Upon completion of this course, students will be able to express themselves in written and spoken language through creating simple sentences on very familiar topics.

### 5717 Mandarin Chinese I

(Year-long Course)

Chinese I, a course based on Indiana's Academic Standards and ACTFL's (American Council on the Teaching of Foreign Languages) three modes of communication (**Interpretive, Interpersonal and Presentational**) for World Languages, introduces students to effective strategies for beginning Chinese language learning, and to various aspects of Chinese-speaking culture. This course encourages interpersonal communication through speaking and writing, providing opportunities to make and respond to basic requests and questions, understand and use appropriate greetings and forms of address, participate in brief guided conversations on familiar topics, and write simple sentences using characters. This course also emphasizes the development of reading and listening comprehension skills, such as recognizing letters and sounds of familiar words and comprehending brief oral directions. Additionally, students will achieve **intercultural** competence by examining the practices, products and perspectives of Chinese-speaking culture; recognizing basic routine practices of the target culture; and recognizing and using situation-appropriate non-verbal communication. This course further emphasizes making connections across content areas and the application of understanding Chinese language and culture outside of the classroom. Students are expected to achieve the ACTFL **Novice-Low to Novice-Mid** level of proficiency when they complete Chinese I.

## LEVEL II WORLD LANGUAGES

- *Prerequisite: successful completion of level I in the language studied or pass the placement exam in the spring*
- *Can be used to meet world language requirement*
- *Two credit courses (one credit per semester)*
- *Fulfills Core 40 requirement*
- *Indiana Academic Honors Diploma course*

### 5701 French II

(Year-long

Course)

French II is designed to help students continue their discovery of the French language and the culture of the francophone world. There is a continued focus on developing conversational skills through a variety of communicative activities. Instruction of intermediate grammar and vocabulary is used to support development of conversational and comprehension skills. Written, listening and oral means of assessment are used to evaluate student progress with a goal of achieving an intermediate-Mid proficiency. This course is recommended for students who have already been introduced to French language and culture and are interested in continuing to develop proficiency in the French language.

### 5707 Latin II

(Year-long Course)

Latin II continues the study of vocabulary, grammar, and syntax with further emphasis on more complex structures such as relative clauses and indirect statements. Students will use readings on mythology and early Roman history to practice reading comprehension skills with the goal of achieving Intermediate-Mid proficiency. Class projects and discussions will enhance a student's understanding of ancient Roman mythology and history from the early monarchy through the middle Republican period.

### 5712 Spanish II

(Year-long

Course)

Spanish II is designed for students to continue developing their Spanish-language proficiency in spoken and written Spanish through the cultures of the Spanish-speaking world. There is a continued emphasis on the development of conversational and reading skills at this level while also developing writing and grammar skills. These skills along with the necessary vocabulary needed for them to reach an Intermediate-Mid proficiency are taught through the use of culturally-based themes. Class meetings are conducted in Spanish except for occasional needed clarification. Written, listening and oral means of assessment are used to evaluate student progress in various project and exam formats.

### 5718 Mandarin Chinese II

(Year-long

Course)

Chinese II class is built on the basis of what students have learned in Chinese I. Students will continue to learn intermediate level of grammar and vocabulary and will be encouraged to use more Chinese for classroom communication and simulated situations such as making friends in China, and ordering food at restaurants. Different means of assessments will be used to evaluate students' progress in listening, speaking, reading and writing through different modes of communication. Students will increase their competence with the Chinese pictographic writing system, improve their pronunciation of the tonal system of Chinese speech, and advance their level of fluency. Students will continue to build their cultural awareness by recognizing basic routine practices of the target culture; comparing the practices of Chinese-speaking culture and American culture; as well as making connections across content areas and the application of Chinese language and culture outside of the classroom. At the end of this course, students are expected to achieve the ACTFL Novice-Mid to Novice-High level of proficiency.

## LEVEL III WORLD LANGUAGES

- *Prerequisite: successful completion of level II in the language studied or pass the placement exam in the spring*
- *Can be used to meet world language requirement*
- *Two credit courses (one credit per semester)*
- *Fulfills Core 40 requirements*
- *Indiana Academic Honors Diploma course*
- *Recommendation: grade of C- or better in level II of language studied*

### 5702 French III

(Year-long Course)

French III investigates the more advanced aspects of the French language as students strengthen their conversational and comprehension skills. Readings are of an intermediate nature with emphasis on comprehension and expansion of vocabulary. Conversational skill is stressed through a variety of communicative activities. Class meetings are conducted in French except for initial grammar explanation and points of clarification. Written, listening and oral means of assessment are used to evaluate student progress with a goal of achieving an Intermediate-High proficiency. This course is recommended for students who desire greater proficiency in and a broader knowledge of the French language and Francophone cultures.

### 5708 Latin III

(Year-long Course)

Latin III continues the study of vocabulary, grammar, and syntax with the addition of rhetoric and scansion. Special attention will also be paid to the subjunctive mood and its use, thus enabling students to read and translate primary texts. At this level students will experience the writings of Caesar, Cicero, Catullus, and Pliny as they were written and study the cultural context of these authors' works. Projects and discussions will enhance a student's understanding of the ancient Roman underpinnings of Western Civilization and its modern parallels.

### 5713 Spanish III

(Year-long Course)

Spanish III will be taught entirely in Spanish in order to reinforce and expand a student's listening and speaking skills. Students will continue to perfect and expand grammatical understanding and vocabulary while focusing on developing impromptu conversational and formal presentational skills. Mini novels in the target language as well as news articles and other short stories in Spanish will also be used. Cultural topics will center on Central and South America with the themed mini novels, along with other appropriate current world events. The grammatical focus at this level is to strengthen the student's ability to use present and simple past tenses while adding the compound verb tenses.

### 5719 Mandarin Chinese III

(Year-long Course)

Building off the foundations of Chinese I and II, Chinese III students will learn how to apply their previous learning to conduct longer conversations and written passages in more advanced Chinese. Students will learn a more advanced level of grammar and vocabulary. They will become familiar with important cultural and historical issues and further advance their level of fluency. Students will be expected to talk about different aspects of Chinese culture in Chinese. This class is mainly conducted in Chinese except for explanations of special grammatical terms. A variety of means of assessments will be used to evaluate students' proficiency in listening, speaking, writing and reading through different modes of communication (interpretive, interpersonal and presentational). Authentic materials will be used to help students achieve the ACTFL **Novice-High to Intermediate-Low** level of proficiency after they complete this course.

## LEVEL IV HONORS WORLD LANGUAGES

- *Prerequisite: successful completion of level III in the language*
- *Can be used to meet world language requirement*
- *Two credit courses (one credit per semester)*
- *Fulfills Core 40 requirement*
- *Indiana Academic Honors Diploma course*
- *Recommendation: grade of B- or better in level III of the language studied*

### 5703 French IV - Honors

(Year-long Course)

French IV is designed to increase the students' control over spoken French and at the same time to deepen and intensify writing and reading skills. Students continue to review grammar and are introduced to more difficult grammatical structures. Emphasis is placed on discussion and oral presentation in the target language. Classes are conducted in French. Students successfully completing French IV can expect to receive college credit and/or advanced placement upon entering the university.

### 5709 Latin IV -Dual Credit (LT200)

(Year-long Course)

Students in Latin IV focus their attention on the historical works of Julius Caesar and the Continuator (Semester One) and a mix of prose and poetry (Semester Two). Authors in the second semester include Catullus, Ovid, Pliny, and Vergil. Readings, projects, and class discussions will enhance the student's understanding of some of the ancient cultures of Europe, Africa north of the Sahara, and the Near East. Assessment will include sight passages to assess students' progress in reading, translating, analyzing, and interpreting Latin. This course achieves and maintains an intermediate college-level pace of 40-50 lines per class period. Students successfully completing Latin IV can expect to place into a 200- or 300-level college Latin course. *Students will have the opportunity to enroll in dual credit through Butler University (LT200).*

### 5714 Spanish IV - Honors

(Year-long Course)

Spanish IV is taught entirely in Spanish in order to reinforce and expand a student's listening and speaking skills. Students will continue to perfect and increase their grammatical understanding and vocabulary while focusing on developing deeper conversational and presentational skills. Mini novels in the target language as well as news articles and other short stories in Spanish will also be used. Cultural topics will center on Spain with the themed mini novels, along with other appropriate current world events. The grammatical focus at this level continues to strengthen a student's ability to maneuver between previously learned indicative tenses while adding the subjunctive mode.

### 5720 Mandarin Chinese IV - Honors

(Year-long Course)

Mandarin Chinese IV will focus on intensifying students' listening, speaking, reading and writing skills in Chinese through different tasks using three modes of communication (interpretive, interpersonal and presentational). Students will review grammar and continue to learn more complicated sentence structures. Emphasis will be placed on students' ability to express themselves in coherent paragraphs and meaningful conversations in the target language. In addition to learning more about Chinese history and culture, students are expected to be able to compare and contrast Chinese and American cultures. The course is primarily conducted in Mandarin Chinese. Authentic materials will be used to help students achieve the ACTFL Intermediate-low to Intermediate-mid level of proficiency after they complete this course. College credit is available for this course.

## LEVEL V HONORS WORLD LANGUAGES

- *Can be used to meet world language requirement*
- *Two credit course (one credit per semester)*
- *Fulfills Core 40 requirement*
- *Indiana Academic Honors Diploma course*
- *Classes are contingent based on enrollment*
- *Recommendation of B- or better in level IVH of language studied or permission of instructor*

### 5704 French V - Honors - Advanced Conversation and Composition (Year-long Course)

Cultural and social themes in film will serve as a basis for the advanced conversation and composition courses. These courses are taught completely in the target language. Students engage in intense practice in the spoken language, with stress on vocabulary building, pronunciation, intonation, and comprehension. Students will improve their oral and written skills in a variety of contexts and situations. Formal and informal compositions and other written pieces will be assigned on a regular basis to develop written linguistic accuracy (with specific emphasis on grammatical structures and morphological, syntactic and lexical components of the target language).

### 5710 Latin V - Dual Credit (LT200) (Year-long Course)

Students in Latin V focus their attention on Vergil's Aeneid (first semester) and a selection of prose and poetry (second semester). Readers will be able to make historical, literary, and cultural connections between texts by analyzing complex grammatical structures and rhetorical devices. Students will read both poetry and prose and learn to use meter to enhance the recitation of poetic works. Readings, projects, and class discussions will enhance the student's understanding of epic poetry. Assessment will include sight passages to assess students' progress in reading, translating, analyzing, and interpreting Latin. This course achieves and maintains an intermediate college-level pace of 40-50 lines per class period. Additionally, college credit is available for this course. *Students will have the opportunity to enroll in dual credit through Butler University (LT200)*

### 5721 Mandarin Chinese V - Honors (Year-long Course)

Mandarin Chinese V Honors expands vocabulary and sentence patterns to advance students' proficiency through three modes of communication (interpretive, interpersonal and presentational) and to prepare students for the study of Chinese at the college level. This course is mainly conducted in Mandarin Chinese. Authentic materials are used to promote students' communication skills of the Chinese language and their ability to compare differences between Chinese and U.S. cultures. Students are expected to demonstrate their ability to effectively communicate in Chinese and to achieve ACTFL Intermediate-mid to Intermediate-high level of proficiency after they complete this course. College credit is available for this course.

### 5715 Spanish Level V - Honors - Film Studies

- *Can be used to meet world language requirement*
- *Two credit course (one credit per semester)*
- *Fulfills Core 40 requirement*
- *Indiana Academic Honors Diploma course*
- *Classes are contingent based on enrollment*
- *Recommendation of B- or better in level IV Honors of language studied or permission of instructor*

In this course, students will explore film genres and critical approaches to film. Students will be exposed to world-renown directors and their award-winning Spanish-language films. Students will engage in in-depth research, examining cultural, historical, socio-political, and social justice themes as presented through the lens of the directors, screen writers,

and musical composers. Students will formally present their findings prior to viewing the film(s). After viewing the films, students will demonstrate understanding and language proficiency via theme-specific culminating activities.

## ADVANCED PLACEMENT WORLD LANGUAGES

### World Languages - AP

- *Can be used to meet world language requirement*
- *Two credit courses (one credit per semester)*
- *Fulfills Core 40 requirement*
- *Indiana Academic Honors Diploma course*
- *Classes are contingent based on enrollment*
- *AP courses follow College Board Entrance Examination guidelines for placement*
- *Recommendation: grade of B- in French or Spanish IV/H or Advanced French or Spanish Composition and Conversation or permission of instructor*

### 5705 French Language - AP

(Year-long Course)

French Language AP is a comprehensive, multiple-approach course which places emphasis on perfecting writing skills through advanced study of grammar and composition. A variety of activities and exercises in French is used to increase comprehension and speaking skills. The class is conducted in the target language. AP courses follow College Board Entrance Examination guidelines for placement.

### 5716 Spanish Language and Culture - AP

(Year-long Course)

The AP Spanish Language and Culture Course is conducted entirely in Spanish. The three modes of communication (Interpersonal, Interpretive, and Presentational) defined in the Standards for Foreign Language Learning in the 21st Century are foundational to the AP Spanish Language and Culture course. The focus is on achieving advanced proficiency of all four skills (speaking, listening, reading and writing). In order to develop a high level of cultural literacy, the AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. Six cultural and social themes integrate language, content, and culture into an interrelated series of lessons and activities. Students are exposed to the world of literature and current events in Spanish-speaking countries through authentic material. The second semester of the course includes extensive practice toward the AP Spanish Language and Culture exam.

## WORLD LANGUAGE ELECTIVES

### 5520 Medical and Scientific Terminology

(One-Semester Course)

- *Prerequisite: Grade 10-12*
- *World Language Elective*
- *Does not fulfill world language requirement*

Medical and Scientific Terminology heavily borrow from the Greek and Latin languages. From binomial nomenclature in Biology, to the Periodic Table in Chemistry, to instructions for prescription medicine, Greek and Latin are constantly in use in the Medical and Scientific fields. Students in this course will understand the format of scientific names, the nature of word roots, and the influence of ancient grammar on modern terms. By the end of this course students will be able to name a new species, understand a medical diagnosis, decipher a prescription for medicine, and determine the difference between the effect of Greek and Latin sources. . Completion of this class **will not** count as a language requirement.

## **Discover Chinese Culture**

(One-Semester Course)

- *Prerequisite: Grade 10-12*
- *World Language Elective*
- *Does not fulfill world language requirement*

It is a project-based class that includes discussions, research projects and presentations about Chinese culture. It will also include various hands- on activities. We will learn about Chinese food, holidays, arts & crafts, holiday celebrations and a lot of other interesting topics. The goal of this course is to help students develop cultural awareness and differences between Chinese and American cultures. This class is conducted in English.