



IMMACULATA ACADEMY

Course Description Catalog

2015-2016

Graduation Requirements

In order to graduate with a Regents or Advanced Regents Diploma, all students must successfully complete both the graduation requirements of New York State and of Immaculata Academy as listed below.

NYS Graduation Requirements:

	Regents	Advanced
English	4 credits	4 credits
Social Studies	4 credits	4 credits
Science	3 credits	3 credits
Mathematics	3 credits	3 credits
Physical Education	2 credits	2 credits
Fine Arts	1 credit	1 credit
Health	.50 credit	.50 credit
Language other than English	1 credit	3 credits

NYS Exam requirements: (the exam must be passed)

Regents Diploma/Common Core (CC)

Integrated Algebra (CC) or Geometry (CC),
or Algebra 2/Trigonometry

Comprehensive English (CC)

Global History and Geography

US History

One Regents Science

Advance Designation Regents Diploma/Common Core (CC)

Integrated Algebra (CC) and Geometry (CC),
and Algebra 2/Trigonometry

Comprehensive English (CC)

Global History and Geography

US History

Living Environment and either Earth Science, Chemistry or
Physics

Honors Diploma

A NYS Regents Diploma with Honors will be granted to any student who has completed all required courses and achieves an average of 90.0% or better on all required Regents examinations.

Immaculata Academy Requirements

All students are required to take 3.5 credits of Theology and Introduction to Computers (1/2 credit). In addition to the requirements above, students must also complete 80 hours of community service (minimum of 20 hours per school year), a senior Theology paper with an exit interview, and successfully complete a senior research project.

Course Selection and Enrollment

As a college preparatory high school, all students are directed to take courses which will lead to an advanced designated diploma. In spring each year, course description brochures and course request forms are made available online through the Student Services Teacher Page. Families are to complete the form and return it to the Student Services Department. Students will then be seen individually to review the course requests, and obtain approval of AP, Honors classes, or college credit classes. No schedule changes may be made after July 1st. To assist the student in achieving her potential and preparing for college, emphasis in course selection will be focused on completing courses that prove to be challenging to the student. Students who have scheduling conflicts will be contacted during the summer to discuss the conflicts and possible solutions. Once scheduled, students are expected to pursue the course of studies to which they have been assigned. Scheduling changes to accommodate requests for specific teachers and class sections are not permitted.

Honors, Advanced Placement, and College Credit Courses

Students must have a cumulative average of 87% or higher overall, as well as in the particular subject area, to be eligible to apply for Honors classes. Students must have a cumulative average of 90% or higher overall, as well as in the particular subject area, to be eligible to apply for AP courses. College credit courses require at least an 85% cumulative average in all the core courses – English, Math, Science, Social Studies, World Languages, and Theology. Students whose averages fall just below the required averages (within one point) are encouraged to apply because the final determination will be made at the end of the school year with the final average for all candidates. Students who elect to take a dual-credit college course must pay the tuition cost to the affiliated college – a reduced rate determined by the college. Students must submit a demonstration of work and receive a department's tentative approval to be accepted to Honors, AP, and college credit courses. Students must be in either their junior or senior year to be eligible for college credit courses. **Final acceptance is determined in June after all final grades are computed.**

COMPUTER APPLICATIONS

Introduction to Computers (328)

.50 credit

This is a required course for all freshmen. Topics to be covered include: introduction to coding, Macintosh Operating System, Windows Operating System, Google Drive, computer hardware and software, digital citizenship and keyboarding. In addition, Word, Excel and PowerPoint are emphasized.

Accounting (310)

1 credit

This course instructs the student on proper recording of the financial activities of a small business proprietorship. The entire accounting cycle will be covered, as well as the following topics: accounting careers, payroll and tax accounting, issues in business ethics, and developing a business plan. Applications include both manual and computerized accounting methods.

Marketing (344)

.50 credit

This course discusses the emerging popularity of marketing and managing athletes and sporting events as entertainment. The basics of marketing—price, product, place and promotion—are incorporated in planning events and businesses. Logistics, sponsorship, event entertainment, concessions, security, accounting, and event management are all discussed. Students will develop a full marketing plan by course completion.

Coding & Design (339)

.50 credit

This course introduces the fundamental parts of how to build a website. Students learn how to plan page layouts that lead to building a webpage. Included is an introduction to HTML and CSS for text formatting. There is also an introduction on how to add images to the webpages and how to resize appropriately. This course will also work with the NAO robot with coding the robot to move in particular ways.

Yearbook Publishing (340)

.50 credit

Students will learn desktop computer publishing techniques to create and design the school yearbook. A creative design program provided by the yearbook publisher offers students the opportunity to create pages online. In addition, students in the course will also work with multimedia software such as Windows Movie Maker and iMovie to do projects once the yearbook is completed.

Advanced Office 2010 (341)

.50 credit

This course provides students with advanced skills in using the Office 2010 Suite: Word PowerPoint, Excel, Publisher and Access. This course will be student-driven topics and interests within the above programs.

Adobe Creative Suite 6 (342)

.50 credit

In this course, students master skills in the Adobe Creative Suite, including InDesign and Photoshop. Students will gain design, editing and production skills in these graphic arts programs. Other computer applications may be presented as interest dictates.

Advanced Yearbook Publishing (346)

.50 credit

This advanced course will focus on the editing responsibilities for our school yearbook. Students will be responsible for editing pages, completing any revisions and working with the yearbook moderator to meet submission deadlines. Students will also have the opportunity to create pages for the yearbook and will work on custom templates for the upcoming yearbook. Students who intend to become a yearbook editor must be or have been an active member of the Yearbook Club for two years and have permission from the yearbook moderator and principal.

Elements of Broadcasting (131)

1 credit

This course offers students the opportunity to report current events, offer editorial commentary and feature stories in an in-school production of a television program. This course uses television production software and technology to broadcast within the school.

ENGLISH

English 9 (138)

1 credit

This course concentrates on a survey of literature, non-fiction texts, and writing skills. The genre survey includes a novel, short stories, news articles, essays, drama, and Shakespeare's *Romeo and Juliet*. This course helps the students to develop their writing skills, with emphasis on the five-paragraph essay, and a review of editing skills. Vocabulary growth and library research skills (both traditional and electronic) are a focus. In addition, students receive instruction to prepare for the Common Core exam, with an emphasis on close reading and finding text-based evidence.

English 9 Honors (128)

1 credit

This course concentrates on a survey of literature and non-fiction texts, including essays, news articles, short stories, novels and plays. Writing tasks include improvement in description, exposition, narration and persuasion. In addition, vocabulary growth and beginning preparation for the Common Core exam are a focus. Learning library and research skills and preparing a research paper are part of the class. This class demands the ability to read and think in depth about topics, and to write with sophistication. Admission to the class is based on the placement test results, and Admissions team and English department approval.

English 10 (139)

1 credit

This course is a continuation of the general literature survey, with an emphasis on building appreciation of literary thought. Students continue to expand knowledge of grammar and vocabulary, and explore a variety of writing styles. Novels, a Shakespearean play and anthology selections are studied. Library and research skills are practiced. In addition, Common Core skills are reinforced and enhanced, with a focus on analyzing fiction and non-fiction pieces.

English 10 Honors (127)

1 credit

This course is a general literature survey; students will study several novels, poems, and plays. They will practice research and Common Core skills. The Honors curriculum differs from the English 10 curriculum in that students discuss material more in-depth, and are expected to read and write at a higher level. These students are challenged with higher expectations and additional writing assignments, both creative and analytical. For admission to this class, see criteria on the inside cover.

English 11 (124)

1 credit

This course emphasizes American writers and their contribution to our heritage. It is carefully aligned with the American History curriculum. This is a Common Core oriented course, increasing competency in analytical writing, literary analysis, and SAT vocabulary. Students also prepare a research paper. A Common Core examination is taken in June.

English 11 Honors (126)

1 credit

This course focuses on the literature of American writers and their contribution to our heritage, including essays, poetry, short stories, novel and plays. It is carefully aligned with the American History curriculum. The course demands increased competency in analytical writing and Common Core tasks. A research paper is included. Students in this course are challenged with more difficult reading outside of the class. For admission to this class, see criteria on the inside cover.

English 12 (103)

1 credit

This is a survey course that includes a spectrum of practical writing skills, including college and career preparation documents. In addition, students study literature including many genres such as poetry, the short story, non-fiction, plays and novels. Students also learn how to improve descriptive, expository, persuasive, and narrative writing. The course includes a senior research project; the successful completion of this project is a requirement for graduation. Finally, public speaking skills are discussed and practiced.

Creative Writing (132)

.50 credit

This creative writing course focuses on autobiographical and fictional writing. Students explore different forms of creative writing including short stories, poetry, graphic novels, and more. Literature serves as inspiration for students, but will not be the focus of this course. The culminating project will be a hard cover, professionally published book created by each student.

ENGLISH (CONT'D)

WRT 100 (133)

1 credit , 3 college credits

Writing & Thinking

This Niagara University-approved course is taught at Immaculata Academy. This course focuses on a variety of topics that teaches writing as a means of acquiring as well as expressing ideas. Students examine essay components as a way of developing and refining their own ideas. Writing assignments include multi-draft summary, analysis and argument. Writing tasks include a resume, reflection profile, literacy narrative, and abstract. In addition, a research project will be completed that includes a proposal, an annotated bibliography, a study of plagiarism and a position paper, from concept to final draft, including awareness of revision and proofreading. Students are eligible to receive credit from Niagara University for one semester of English; a fee is required. It fulfills ½ (writing) of the senior English requirement. Students accepted into WRT 100 will be scheduled for ENG 100 automatically. For admission to this class, see criteria on the inside cover.

ENG 100 (134)

1 credit, 3 college credits

Introduction to Literature

This Niagara University-approved course is taught at Immaculata Academy. This course introduces students to several genres of literature (poetry, drama, fiction), and to contemporary critical-theoretical approaches that literary scholars use. Students write extensively in this course, arguing for their own interpretations, applying critical approaches, and incorporating secondary source ideas in thesis-driven analysis. Assigned literary works are diverse and multicultural, and may be organized by theme or motif. Students are eligible to receive credit from Niagara University for one semester of English; a fee is required. It fulfills ½ (literature) of the senior English requirement. Students accepted into ENG 100 will be scheduled for WRT 100 automatically. For admission to this class, see criteria on the inside cover.

SPK 101 (135)

1 credit, 3 college credits

Public Speaking

This Niagara University-approved course is taught at Immaculata Academy. Directed to beginning speech students, with the goal of helping them express themselves clearly, succinctly, and with some degree of persuasiveness. The course is also intended to make them aware of the responsibilities engendered by the art of persuasion. The basic theme of the course is that the message is the message as it is received. Students are eligible to receive credit from Niagara University for one semester of English; a fee is required. For admission to this class, see criteria on the inside cover.

International Seminar I (136)

1 credit

In the course, students focus on basic English vocabulary and grammar development. During the first semester, emphasis is placed on mastering the basics of English spelling, grammar, and vocabulary. Students begin putting this into practice in the third quarter where they practice writing short response papers and reading articles. Students incorporate basic literary elements, writing, grammar, and vocabulary learned in their corresponding English course. By the end of the course, students will complete a basic research project. This course is for International Students only.

International Seminar II (137)

1 credit

This course focuses more intensively on working with English language grammar and using this understanding to create more complex sentences. Short stories and articles are introduced to develop reading comprehension skill and to identify complex sentence structure and grammar. The second semester focuses on creating complex written assignments that include but are not limited to a memoir project and a comparative essay project. Students are assigned to this course based on the recommendation of Administration, Students Services and the course teacher.

FINE ARTS

Studio in Art I & II (724/725)

.50 credit

This course introduces the student to the many facets of the understanding, practice, and performance of choral music in a group setting. Basics in theory and sight-reading of choral literature are emphasized and applied. Repertoire explored includes sacred, secular/classical, and popular music. Several out-of-school presentations are required including concerts. This fulfills the fine arts requirement for graduation and is a prerequisite for additional music courses. All freshmen are scheduled for this Chorus and Studio Art I for the first year.

Studio in Design (726)

1 credit

Good design is essential to both the graphic arts and the fine arts. This course will teach the elements and principles of good design. A variety of techniques and media, both two and three-dimensional, will be explored.

Advanced Placement 2-D Design (733)

1 credit

This course is intended to address a very broad interpretation of two-dimensional design. Students will create a 2-D Design portfolio, which will be submitted for college assessment credit. Students will gain personal growth by problem solving and decision making about how to use the elements and principles of design. Students will demonstrate proficiency in two-dimensional design by using a variety of art forms, and approaches to expression, representation and abstraction. Prerequisites: Completion of Studio in Art I and II. This is intended for those who plan to attend an art college or pursue a career in the Arts.

Studio in Drawing and Painting (727)

1 credit

An advanced course, the student is provided an opportunity to explore a wide variety of materials and tools, as well as develop the compositional and artistic skills and techniques required for drawing and painting. Media include charcoal, pen and ink, pastel, watercolor, acrylics and oils.

Advanced Placement Drawing (717)

1 credit

This course will help students prepare a Drawing Portfolio, which will be submitted for college assessment credit. Students will explore a variety of techniques using the elements and principles of art. Students will use creative problem solving and personal expression to create a body of works in a personal concentration area. Prerequisites: Completion of Studio in Art I and II. This is intended for those who plan to attend an art college or pursue a career in the Arts.

Studio in Sculpture (728)

1 credit

An in-depth study into three-dimensional art techniques, the student will explore relief sculpture and art-in-the-round in various materials, including plaster, wood and clay. These experiences will be related to the work of sculptors past and present.

Advanced Placement Sculpture (718)

1 credit

This course will help students prepare a series of slides of three-dimensional art works to be submitted for college assessment credit. Students will explore a variety of sculpting media and techniques to create a focus for their own personal concentration area. Prerequisites: Completion of Studio in Art I and II. This is intended for those who plan to attend an art college or pursue a career in the Arts.

Painting through History (735)

1 credit

This hands-on course offers an exploration of art history – the eras, art movements and artists. Students will produce beginning art works, which reflect the techniques of the changing times through art history.

Immaculata Academy Singers (737)

.50 credit

This course introduces the student to the many facets of the understanding, practice, and performance of choral music in a group setting. Basics in theory and sight-reading of choral literature are emphasized and applied. Repertoire explored includes sacred, secular/classical, and popular music. Several out-of-school presentations are required including concerts. This fulfills the fine arts requirement for graduation and is a prerequisite for additional music courses. All freshmen are scheduled for this Chorus and Studio Art I for the first year.

Vox Harmoniae (741)

1 credit

Enrollment in this course is open to sophomores, juniors and seniors. No audition is necessary. This course builds on the skills acquired in IA Singers. The music is more challenging and the focus will be singing in 2 and 3 parts. This ensemble performs in the choral concerts, with additional performances on a case by case basis.

Vox Caeciliae (738)

1 credit

The Immaculata Academy Vox Caeciliae is the premier choral ensemble of Immaculata Academy. Students participate in the ensemble by audition only and perform a variety of music from all time periods and styles. This ensemble is in high demand and performs throughout the Buffalo region.

FINE ARTS (CONT'D)

Music Theory and Application I (730)

.50 credit

This full-year course is designed to continue the credit requirement for a sequence in music. It is an introduction to basic music theory beginning with simple note reading and sight singing, and extending to more advanced topics such as harmonization and formal analysis. This course is invaluable to students who are interested in pursuing a music career.

Music Theory and Application II (731)

.50 credit

This course is designed to expand on the concepts learned in Theory and Application I.

The Enjoyment of Music (732)

.50 credit

This course is designed to educate and enlighten about music throughout history, from the Middle Ages to the 21st century. There is an emphasis on the works of the great composers and on understanding their place in history. It is a discussion class centered heavily on listening. Students will increase their musical vocabulary, so that they will be able to better appreciate music of all kinds. Popular forms, including musical theatre and jazz, are also explored.

Instrumental Lessons (709)

.25 credit

Instrumental lessons are available at Immaculata through the Paul Effman Music Service. Group instruction in woodwinds, percussion, and strings occurs once a week and instrumentalists participate in school concerts. Lessons are available to all students regardless of level. Lessons require additional fees. Students register at the beginning of the school year; registration information will be available through the main office.

Vocal Lessons (710)

.25 credit

This course provides the opportunity to study on a "one-to-one" basis. The student will meet one or two times per week for a class period. Lessons will concentrate on proper vocal technique and performance practice.

Acting and the Theatre (734)

.50 credit

This course helps students to develop acting skills by creating scripts and then performing individually and in groups. Additional activities include basic directing, lighting, sound, costuming and prop use. Students also create stage documents such as set designs, tickets and programs.

Hand Bell Choir (742)

.50 credit

This course introduces the student to the basics of hand bell technique and ensemble performance. Repertoire explored includes both sacred and secular/classical. Performance in the out-of-school concerts is required. This ensemble is open to 10th-12th grade students and no audition is required.

Keyboarding (743)

.50 credit

This course is designed to give students hands on, small group instruction in basic piano skills. Emphasis will be placed on reading music as well as the physical technique of playing the instrument.

Popular Music History (744)

.50 credit

This course explores the evolution of American popular music throughout the 20th century and beyond as well as how this music and the musicians who created it confronted the politics and social problems of their time. Genres studied include Jazz, Swing, Big Band, Rock and Roll, Folk, Country, Hip-hop, Rap and Top 40.

Musical Theatre & Film Music (745)

.50 credit

This course explores the development of American Musical Theater throughout the 20th Century and beyond. This course will also delve into the use of music in the movies; from keyboard accompanied silent films through modern day Oscar winning compositions. This class may include a question/answer session with a current L.A. based film composer.

History of Western Music (710)

.25 credit

This course explores the origins of Western Music in the Middle Ages and its artistic evolution since that time. Eras studied include: Gothic, Renaissance, Baroque, Classical, Romantic and Modern. This class may include a workshop on composition with a living, working modern day composer.

MATHEMATICS

PHYSICAL EDUCATION

Algebra I (435)

1 credit

The topics covered in this course are in alignment with the NYS Common Core Curriculum. They include studying the relationships between quantities and reasoning with equations, linear and exponential relationships, expressions and equations, quadratic functions and modeling and finally, descriptive statistics. The Common Core exam is taken in June.

Geometry (428)

1 credit

Geometry is the second year of math required for graduation. Some topics covered are congruence, proof, constructions, similarity, trigonometry, three-dimensional figures, coordinate geometry, circles, and probability. A Common Core exam is taken in June. Prerequisite: successful completion of Algebra I.

Algebra II/Trigonometry R (448)

1 credit

This course integrates concepts from algebra and geometry with an emphasis on trigonometry. Topics include complex numbers, relations and functions, circular functions, logarithms, transformation geometry, probability and statistics. This course is required to obtain an Advanced Regents Diploma. Prerequisite: successful completion of Geometry R.

Pre-Calculus (444)

1 credit

In the first semester, Pre-Calculus will include various topics experienced in Algebra II/Trigonometry. Functions will be explored further than in previous courses. Trigonometry, exponential functions, conic sections and other topics will be covered with an emphasis on their applications. In the second semester, students will be exposed to a semester of Calculus. They will be introduced to derivatives, limits, integrals, optimization problems as well as other topics found in a college Calculus course. Prerequisite: successful completion of Algebra II /Trigonometry.

MA203 (437)

1 credit, 3 college credits

Survey of Calculus

This Hilbert College-approved course is taught at Immaculata Academy. This course will introduce students to Calculus. The course will cover the concepts of limits, derivatives, their applications in the sciences, as well as integral Calculus and its applications. Students are eligible to receive credit from Hilbert College for one semester of calculus; a fee is required. Prerequisite: successful completion of Pre-Calculus. For admission to this class, see criteria on inside cover.

Physical Education (814)

.50 credit

Throughout the entire school year, students will channel energies into a multiplicity of pursuits and come away with a life-long enthusiasm for physical fitness. Held three times per six-day cycle, this program emphasizes the fundamentals of a wide variety of diverse physical fitness activities and sports that are sure to be fun for everyone!

Dance (817)

.50 credit

This course fulfills the physical education requirement and is an option for students who would like to develop their dance knowledge. Students will learn dance terminology, dance movement, and a variety of dance styles.

SCIENCES

Health I (525)

.50 credit

Health education is a required course for graduation designed to increase the student's awareness of health concepts, as well as help the student develop a sense of responsibility for her total welfare. Topics cover a wide range of knowledge including wellness, nutrition, alcohol education, medicine and drugs, HIV/AIDS, and sexual health.

Health II (529)

.50 credit

This course is a continuation of Health I and is designed for students who want to further their knowledge on health related topics. The variety of topics cover a wide range of significant information including parenting and child care, dating violence and violence prevention, stress management, responding to emergencies, and mental health problems. Prerequisite: Health I (525)

Earth Science R (531/Lab 501)

1 credit

Earth science involves the study of the "whole Earth" through the study of its parts. Basic concepts of meteorology, astronomy and geology, as well as geologic landforms and history, are explored. Emphasis is placed on understanding nature's forces and observing/measuring the many changes that occur on Earth. During class demonstrations and labs, students are provided opportunities to experience the forces and concepts discussed in class. Lab requirement must be met in order to take the Regents final exam.

Living Environment R (532/Lab 503)

1 credit

This course is designed to provide a broad, general understanding of the fundamental principles of biology. Topics include biochemistry, maintenance in animals, plants, human physiology, reproduction and development, genetics, evolution and ecology. Related laboratory exercises representing at least 1200 minutes is required. All labs must be completed to qualify to take the Regents exam. This course is required for those pursuing an Advanced Regents diploma.

Living Environment Honors R (536/Lab 503)

1 credit

This course is designed for students who have a desire to explore biology in a more in-depth level than is currently required in Regents Living Environment. This course is quick paced. Interested students should be independent, self-motivated, and hardworking. These students should enjoy solving complex problems and may be considering a future career in science. A minimum of 1200 minutes of related laboratory exercises is required. Students will take the Living Environment Regents Exam as their final examination. For admission to this class, see criteria on the inside cover.

Advanced Placement Biology (535)

1 credit

This course is designed for superior science students who desire more in-depth knowledge and understanding of biology. It will prepare the student for the AP Biology exam in May. The course includes three broad areas of biology: molecules and cells, heredity and evolution, and organisms and population. There are 12 required labs and a college text is used (This course should not be taken in place of chemistry or physics if a student is planning for a science-related major. It can, however, be taken in addition to one of these courses.) Human Anatomy is a prerequisite course. For admission to this class, see criteria on the inside cover.

Chemistry R (533/Lab 505)

1 credit

This course introduces the basic concepts underlying the chemical interpretation of the behavior of matter in light of modern chemical theory. Students are exposed to the interrelationship between the qualitative and quantitative aspects of the science with laboratory work designed to illustrate and reinforce classroom work. Lab work is an addition to the standard classroom periods. Solid mathematical background and abilities are recommended.

Chemistry Honors R (537/Lab 505)

1 credit

This offering is intended to serve as an enhanced and expanded course based on the standard New York State Regents Chemistry curriculum. Topics added or receiving increased treatment include (but are not limited to): (1) Quantum numbers, electron configuration and orbital theory; (2) Chemical equilibria and its mathematical expression; (3) spontaneous and non-spontaneous reactions in electrochemical cells; (4) Bronsted-Lowry and Lewis acid-base theories; and (5) industrial applications and processes. A laboratory requirement accompanies the course. The Regents examination in Chemistry will be given as the course final examination. For admission to this class, see criteria on the inside cover.

Advanced Placement Chemistry (538)

1 credit

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. The intent of the course is to expand upon the student's Regents Chemistry experiences and provide greater depth of investigation into these general areas: structure of matter, states of matter, reactions, descriptive chemistry and laboratory work. A college-level text is used and the AP examination is taken in May. Prerequisites include Algebra, Geometry and successful completion of (or in the process of taking) Algebra II/Trigonometry. For admission to this class, see criteria on the inside cover.

SCIENCES (CONT'D)

Physics R (544/Lab 507)

1 credit

This course is intended to provide a current view of the science with major emphasis on fundamental areas of mechanics, electricity and energy, and wave theory. Basic concepts such as momentum and inertia, the conservation of energy and electrical charges are investigated as related, instead of isolated, topics. Laboratory work is designed to enhance classroom experience and is in addition to the regular lecture periods. The mathematical nature of the subject necessitates successful completion of Algebra as a prerequisite.

Introduction to Health Occupations (526) .50 credit

This course introduces the student to a variety of health care professions. Among them are physical therapist, occupational therapist, nurse, lab technician, radiology technician and respiratory technician. The student will be exposed to the types of courses needed to pursue each of these careers. This course will include a general review of human anatomy and physiology.

Human Anatomy (524) .50 credit

All prospective nurses, doctors, therapists, and hygienists can get a head start on first level anatomy and physiology for college freshmen. They can learn the basic components of the human body: bone structure, respiratory, circulatory, reproductive systems. This course will serve as an introduction to the basic human biology classes which will be required by any of the health field majors. This course is required for students planning to take AP Biology.

Environmental Science (546) 1 credit

This course is a non-regents offering intended to appeal to students interested in science and its relevance in current society. This course provides a cross-section of topics from environmental science with a focus on hands-on activities to demonstrate concepts. Topics may include air, water, and land pollution, resource use and conservation, deforestation, toxic waste disposal, solid waste management, and alternative energy sources. Activities to illustrate the above may include soil, water, and air quality testing, seed germination, water spill cleanup, and nature hikes.

BIO 103 (547) 1 credit, 3 college credits

This Niagara University-approved course is taught at Immaculata Academy. This is an introductory course in which the functioning of ecosystems is explored and related to environmental problems. This course stresses current topics of local and global interest with emphasis on how to obtain, understand and interpret information pertaining to environmental issues. Students are eligible to receive credit from Niagara for one semester of science; a fee is required. For admission to this class, see criteria on the inside cover.

SOCIAL STUDIES

Global Studies 9 (243)

1 credit

Part 1 of NYS Regents course that continues sophomore year. Students will be introduced to the practical uses of geography and how civilizations develop. We will focus on area studies in Africa, South/Southeast Asia, China and Japan. Each unit explores the effects of geography on the development of culture, early civilizations and the role/challenges each face for the 21st century. Emphasis is placed on developing reading comprehension skills for successful completion of the Regents examination.

Global Studies 10 R (229) 1 credit

This course will center on the Middle East, Western Europe, Russia and the USSR, Eastern Europe and the world today. Students must pass a Regents examination on both Global Studies, parts 1 and 2. This exam is taken at the end of the sophomore year.

Global 10 Honors R (230) 1 credit

In addition to the Global Studies 10 curriculum, students will implement research techniques, and the use of primary sources and historical literature, to enhance the learning experience. This is a Regents oriented course, which emphasizes an understanding of history and its impact on current events. The Regents exam in Global Studies will be given at the end of the year. For admission to this class, see criteria on the inside cover.

American History R (231) 1 credit

United States History and Government is a required Regents course. It is the chronological study of United States history on a conceptual level. Students will focus on the Constitution, economic development, social change, expansion and the path of the United States to its position as world leader today.

Advanced Placement American History R (232) 1 credit

This course explores the progression of U.S. History beginning with exploration and settlement, the establishment of the republic, development of party systems, and Domestic Foreign Policy. Additional readings and discussion of significant U.S. historical topics will assist the student in preparing for the A.P. exam in May, as well as the Regents exam. For admission to this class, see criteria on the inside cover.

SOCIAL STUDIES (CONT'D)

American Government (217)

.50 credit

This course describes the principles of government as they are applied in practice. Emphasis will be on the Constitution, executive, legislative, and judicial branches of government, political parties, and the duties and responsibilities of an American citizen.

Introductory Economics (218)

.50 credit

This course explains economic principles, factors responsible for production, business organization, capital and management costs, prices and output in competitive markets, and the consumer's role in the American economy. Students interpret data, examine contemporary economic problems and analyze the nature of government within the free enterprise of the United States.

Advanced Placement Government (238)

1 credit

The United States Government course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. Students taking this course will take the AP Government and Politics Exam in May. This course meets NYS graduation requirements. For admission to this class, see criteria on the inside cover. Students accepted for AP Government and Politics will be scheduled for Economics Honors automatically.

Economics Honors (239)

.50 credit

Honors Economics is designed to provide students with a basic foundation in the field of economics. Five sections of study are included: fundamental concepts, microeconomics, macroeconomics, international economics, and personal finance. In each area, students are introduced to major concepts and themes concerning that aspect of economics.

Introduction to Sociology I (219)

.50 credit

Introduction to Sociology I is the first of two one-semester courses offered as part of a one-year study in the field of sociology. Students taking this course, similar to a 100-level college survey course, will be introduced to the basic sociological concepts needed to understand and pursue study in the field of sociology. This course also provides students with hands-on experience by performing sociological research within the school and community.

Issues in Sociology II (233)

.50 credit

Issues in Sociology II is the second of two one-semester courses offered as part of a one-year study in the field of sociology. Students taking this course, similar to a 100-level college survey course, will be applying concepts mastered in Sociology I to current and popular issues facing those in the field of sociology today. This course examines sociology on both the macro and micro levels. Emphasis is placed on independent course work in which students explore their personal interests within the topics explored. Prerequisite: Sociology I.

Introduction to Psychology I (220)

.50 credit

Psychology I is the first of two one-semester courses offered as part of a one-year study in the field of psychology. Students taking this course, similar to a 100-level college survey course, will be introduced to the basic introductory information needed to understand and pursue study in the field of psychology.

Psychology II (234)

.50 credit

Psychology II is the second of two one-semester courses offered as part of a one-year study in the field of psychology. Students taking this course, similar to a 100-level college survey course, will be applying concepts mastered in Psychology I to current and popular issues facing those in the field of psychology today. Prerequisite: Psychology I.

"The Great American Film Course" (241)

.50 credit

In this course, the film industry will be studied from its birth to the present. Sound, special effects and animation will be discussed. We will examine films that have a historical message and films as entertainment.

Independent Living (527)

.50 credit

This survey course covers the basics of living on your own. The areas included are consumer skills; cooking/nutrition basics; sewing basics; personal care; and home care.

Personal Leadership (528)

.50 credit

This course is based on the learning and living of the principles put forth in the internationally recognized program *The 7 Habits of Highly Effective Teens* by Sean Covey. Students will become prepared to "stand up for themselves and resist peer pressure, be more goal-oriented and view life as a positive, meaningful experience."

SOCIAL STUDIES (CONT'D)

Survey of Law (244)

.50 credit

This course provides students with an overview of the U.S. legal system including the nature and function of law, and rights and responsibilities. Students will also explore the relationship that exists between people, the government and society as seen through the legal system. Case studies will be used to explore different areas of law, including business, societal, criminal and others.

SOC 101 (240)

1 credit, 3 college credits

Introduction to Sociology

This Niagara University-approved course is taught at Immaculata Academy. An introduction to the scientific study of interactional patterns in social groups. Special emphasis is placed on the structures, processes, and problems of contemporary society. Students are eligible to receive credit from Niagara University for one semester of sociology; a fee is required. For admission to this class, see criteria on the inside cover.

HIS 199 (242)

1 credit, 3 college credits

America and the Contemporary World

This Niagara University-approved course is taught at Immaculata Academy. Interpretive overview of developments affecting America and Americans during the turbulent years since World War II. Examines the nation's rise as a global superpower, the expanding role of central government, and related political, economic, scientific, social, and cultural developments. Provides perspectives on our future by evaluating the impact of developments on fundamental American values. Students are eligible to receive credit from Niagara University for one semester of sociology; a fee is required. For admission to this class, see criteria on the inside cover.

THEOLOGY

Franciscan Studies Program is a comprehensive study of Franciscan values. The lives of St. Francis, St. Clare, and Mother Colette Hilbert are examined in-depth to allow our students to have a better understanding of our school's founding principals. This is a ten-week program presented in September and October at each grade level as part of the religious education curriculum.

Theology 9:

Understanding Catholic Christianity (810)

.50 credit

This course is designed for the freshman student as a comprehensive overview of Catholicism, bringing the student to a deeper appreciation of Catholicism's beliefs, rituals, moral mission, and prayer and spiritual life. Themes explored include: Identity and Development: Becoming who we are called to be; Faith: Responding to God's invitation; Scriptures: Hearing and living the inspired word of God; The Sacraments: Celebrating the grace of God; The Church: Gathering in the spirit of Jesus; and Jesus and the Paschal Mystery: Finding life through death. Students must also complete at least 20 hours of community service.

Theology 10:

Jesus of History/Christ of Faith (811)

1 credit

This sophomore course provides a comprehensive overview of Hebrew Scripture and the connection of the mission, ministry and life of Jesus as presented in Christian Scripture. It explores the religious, political, and social cultures of Jesus' time, and focuses on His life, teachings, parables, miracles, and resurrection as presented in the Gospels and writings of St. Paul. Students must also complete at least 20 hours of community service.

Theology 11:

Understanding Christian Morality (812)

1 credit

This course is designed to help the junior student understand the moral aspects of the Christian life. It discusses the meaning of morality, human behavior, sin and evil, conscience, the role of law, and the basis of Christian morality. Specific moral issues are also dealt with in this course. Students must also complete at least 20 hours of community service.

Theology 12:

A Christian Perspective on Social Issues & Family (813) 1 credit

Peace and justice issues are the themes in this course. Application of our Christian beliefs to world and national problems, causes of injustice, and possible remedies are explored. Marriage and relationships with others are included as part of the Diocesan requirement to study the Sacrament of Marriage. Parenting education is also discussed as required by NYS Dept. of Education. Students must also complete 20 hours of community service, which continues our commitment to Franciscan values as our students prepare to take their places as leaders of tomorrow. A senior synthesis paper and interview are also required for graduation.

WORLD LANGUAGES

French I (604)

1 credit

This course introduces basic French vocabulary, sentence structures and culture. The active skills of listening and speaking are emphasized and reinforced through the teacher's use of spoken French.

French II (605)

1 credit

This course further develops knowledge of vocabulary, more complex grammatical structure, and the formation and usage of all indicative verb tenses. Pronunciation, conversation, listening and reading comprehension are emphasized. In addition, French cultural topics are studied.

French III (620)

1 credit

The practice and development of all language skills are continued. Comprehensive reading and listening activities, increased conversational skills, and composition writing are emphasized. This course is required to receive an Advanced Regents diploma.

FR103 (631) College French

1 credit, 3 college credits

This Hilbert College-approved course is taught at Immaculata Academy. This course is a culmination of all previously learned French skills. The five basic aspects of language are enhanced. Speaking, reading, writing, listening and culture are further developed. A collection of authentic literature will be read with emphasis on translation and interpretation. Extended writings, listening, and speaking immersion in the target language are stressed. Students are eligible to receive credit from Hilbert for one semester of French; a fee is required. For admission to this class, see criteria on inside cover.

Latin I (607)

1 credit

This course consists of an introduction to Latin grammar, and begins with a general review of English grammar, parts of speech, sentence structure, etc. The student becomes acquainted with the vocabulary and language structure by reading in Latin about the geography of Rome, Roman everyday activities, and its history and mythology. Emphasis is placed on etymology/word derivation.

Latin II (608)

1 credit

Reading Latin with comprehension is the main focus. Reading content covers the historical period of Rome up to the second century B.C. It includes a survey of Latin literature from the Golden Age to the Middle Ages. Grammatical structures and etymology are continued.

Latin III (621)

1 credit

The focus of the reading content is on events and personalities of the last century of the Roman Republic. The historical, rhetorical and literary works of Caesar, Cicero, Sallust and others make up the material for comprehensive reading. Rhetorical and stylistic literary devices and advanced language structures are stressed. This course is required to obtain an Advanced Regents Diploma.

Spanish I (600)

1 credit

The study of the language and culture of Spanish-speaking people is presented in this course. The course is taught by an adaptation of the Natural Approach where communicative competence is developed, gradually preparing the student to understand and communicate in the target language. Simple grammar and sentence structure are covered. Cultural activities are incorporated in the program.

Spanish II (601)

1 credit

This course continues communication development through vocabulary building and pronunciation. More complex grammatical forms are taught. Emphasis is placed on guided conversation and elementary composition. The culture and daily life of Spanish-speaking people are studied, with activities planned for students.

Spanish III (622)

1 credit

Comprehensive reading and use of the spoken language are increased in this course. Functional grammar is reviewed and completed. Emphasis is placed on dialogue and composition writing. This course is required to obtain an Advanced Regents Diploma.

SP103 (632) College Spanish

1 credit, 3 college credits

This Hilbert College-approved course is taught at Immaculata Academy. This course, offered to students who have completed three units of study in Spanish, is a culmination of all previously learned Spanish skills. Speaking, reading, writing, listening, and culture are further developed. A collection of authentic literature will be read with emphasis on translation and interpretation. Extended writings, listening, and speaking immersion in the target language are stressed. Students are eligible to receive credit from Hilbert for one semester of Spanish; a fee is required. For admission to this class, see inside cover.

Mandarin Chinese I (640)

1 credit

This course will introduce students to the Mandarin Chinese language, including learning basic skills in both spoken and written communication.

Mandarin Chinese II (642)

1 credit

This course further develops language skills, including pronunciation, conversation, listening and reading. Cultural topics are also covered.

Mandarin Chinese III (643)

1 credit

This course builds on language skills developed in Mandarin Chinese I and II. It will teach Chinese grammar and key sentence patterns, provide practices in the appropriate use of idiomatic expressions, and further develop skills in listening, speaking, reading and writing Chinese. Vocabulary and reading comprehension will be expanded upon and extensive conversation in Chinese will be encouraged. Additional aspects about Chinese culture and history will also be covered.

COLLEGE CREDIT OPPORTUNITIES

Eligible students can take in-house college credit courses through partnerships with Niagara University and Hilbert College. These courses offer dual-credit for the Academy and the College/University and are available at a reduced rate.

Hilbert College

Calculus (203)

French (103)

Spanish (103)

Niagara University

Environmental Biology (103)

Introduction to Sociology (101)

Writing and Thinking (100)

Introduction to Literature (100)

America and the Contemporary World (199)

Public Speaking (101)

In addition, the colleges listed below allow students who have completed their junior year of high school to take courses during the summer or simultaneously during their senior year for college credit. These courses are taken outside of the school day. To participate, students must be in good academic standing and have the approval of the Student Services Department and the principal. Students who are enrolled are expected to follow the college's calendar and need to attend their college classes when they are in session even if Immaculata is not. It is the student's responsibility to submit a copy of course grades to the Student Services Department in order for the course to be documented on her high school transcript. Please contact Student Services if you are interested in any of the offered programs below.



Bryant & Stratton:

Bryant & Stratton offers high school seniors the opportunity to take select courses **free of charge** for credit. The following courses will be offered in the fall of 2015: Criminal Justice, Business, Tech 100, and Psychology. For more information, please contact Ken Monaco at (716) 677-9500, ext. 148 or krmonaco@bryantstratton.edu.

Canisius College:

Explore Canisius program enables students to take up to ten college courses between the junior and senior years of high school for only a fraction of the tuition cost (33% of standard rate). Here are some of the key benefits:

- Get first-hand college experience with real college professors on a real college campus.
- Take courses at the reduced rate of 33%
- One-on-one academic advisement
- Access to all support services available to full-time Canisius students
- Discount of 50% on summer coursework once you are enrolled in college (whether at Canisius or another college)
- Complete some Canisius majors in three years, including communication studies, criminal justice, English, political science, psychology, and several others

Academic Eligibility

Students will be considered for the Explore Canisius Program with a high school average of at least B or better. Standardized test scores and letters of recommendation will also be considered. Students may also submit an essay expressing their interest in the program.





Daemen College:

Daemen College's High School Program allows academically talented high school juniors and seniors to enroll in credit bearing courses at Daemen College. You can take courses during fall or spring semesters, or the summer session. Students enrolled in this program are limited to two courses per semester for a maximum of eight credit hours.

Cost:

Application fee \$25.00

Tuition Cost \$100.00

In order to qualify, students must possess an above average GPA, provide transcripts, and have scored competitively on the SAT, PSAT or ACT. You will also need the recommendation of your Student Services counselor. You can take up to six credits per semester, choosing from a variety of 100 & 200 level courses.

HILBERT COLLEGE

Hilbert College

Through our affiliation with Hilbert College, students are offered the opportunity to earn college credit while in high school. The *Franciscan Scholars Program* allows Immaculata Academy students that have completed their junior year to take ENG 101 and ENG 102 at a significant discount. The *Advanced College Credit* program offers any other 100-level course at a reduced rate of 2/3 tuition plus the cost of class materials. Student must meet any prerequisites for the course(s) desired. For in-house Hilbert College credit, please see descriptions of MA203, Spanish 103, and French 103 in this booklet.



Education That Makes a Difference

Niagara University

Students entering junior or senior year are eligible to obtain college credit by taking summer courses at Niagara University. The tuition for each course is \$195. Course offerings will be available in April. Please see Student Services for more information.

Students may also take part in Niagara University's Summer Academy. This two week program covers a variety of topics and culminates in a "Project Exhibit" scheduled for at the conclusion of the program, where students will display a visual depiction/display of a project related to their course. If interested, please visit Niagara.edu for more information. There is an option to live on campus at an additional charge. The program is currently open to high school students who will be juniors and seniors in the Fall of 2015.

Through our affiliation with Niagara University, students are offered the opportunity to earn college credit while in high school. Student must meet any prerequisites for the course(s) desired. For in-house Niagara University credit, please see descriptions of Environmental Biology (103), America and the Contemporary World (199), Introduction to Sociology (101), Public Speaking (101), Writing and Thinking (100), and Introduction to Literature (100).



