LOURDES HIGH SCHOOL

A Rochester Catholic School



COURSE CATALOG

Ignite Change. *Empower Growth.*





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REGISTRATION INFORMATION

All full-time students at Lourdes must take seven courses each semester. The only exception are students enrolled in two or more AP or PACC courses, who may be approved to take six courses each semester. Students will use a Google form to request an exception to the course minimum from the principal.

Each year certain courses are required. Electives may be selected from a variety of choices. A credit is earned for each full-year course and a half credit is earned for each semester course. Over the four years of high school, a student must earn 26 credits in the following areas:

Religon	4 Credits
English	4 Credits
Social Studies	3 1/2 Credits
Mathematics	3.5 Credits
Science	3 Credits
Physical Education	1 Credit
Health	1/2 Credit
Fine Arts	1 Credit
World Language	2 Credits*
Elective Courses	4 Credits
TOTAL CREDITS	**26 Credits**

Although 26 credits in four years is the minimum, most students earn more.

** Language credit earned in 8th grade will count in this minimum, provided the student continues in the same language.*



SCHEDULING CHANGES

Students are advised to choose their courses wisely during the registration process as the master schedule and instructional personnel are set to accommodate the students' requests. If a student or parent requests a schedule change, it will be governed by the following:

- Students wishing to drop a class must do so by the end of the school day on the first Friday of the semester. The request must be entered on the Course Change Request Google Form. The form will be shared on your counselor's Google Classroom pages.
- Parent permission is required to drop any honors course, AP/PACC course, or 4th year science or math course. This permission can be in written or email form.
- Year-long courses cannot be dropped at the start of the second semester.

Schedule changes will be permitted if they meet the following criteria:

- The student does not meet the prerequisite of his/her current course.
- There is a conflict in the student's schedule.
- A student has been placed in a course he/she has already taken.
- The student does not have enough courses to be considered "full time."
- A teacher or administrator recommends the student be placed in an additional course.

If a student chooses to drop a course, he/she must have seven other courses in his/her schedule.

Student schedule requests for the following reasons will not be permitted.

- Request for specific teacher.
- Request for having a class at a specific time.
- Requesting to go into a class that is already at capacity.

The school reserves the right to drop a course due to insufficient enrollment or personnel changes. The courses dropped will be substituted with an alternate choice previously indicated on the registration sheet. If an available alternate course is not listed, a course will be selected on the student's behalf.



Students are encouraged to make an appointment with their counselor in regard to their academic and course planning needs during the registration process.

Contact LHSCounseling@rcsmn.org for assistance.

NCAA ACADEMIC REGULATIONS FOR STUDENT ATHLETES

All prospective Division I or II college-bound student athletes must be registered with and be certified as eligible by the NCAA Initial-Eligibility Clearinghouse to practice, compete or receive athletics (scholarship) aid in their first year at a NCAA Division I or II college or university. It is the student's responsibility to make sure the Clearinghouse has the documents it needs to certify them. Courses at Lourdes High School that meet NCAA eligibility requirements have the NCAA name under the course title throughout the registration guide.

Any student planning to attend a four-year college and participate in athletics, please meet with your counselor or contact NCAA at 1-877-262-1492 or www.ncaaclearinghouse.net regarding NCAA requirements.

It is the responsibility of the student-athlete and the family to understand eligibility. Upon graduation, student-athletes must have a total of 16 core classes.

Division I:

- Must complete 16 core classes (10 must be completed before senior year)
- Earn a core-course GPA of at least 2.300
- Earn the ACT/SAT score matching your core-course GPA

Division II:

- Must complete 16 core classes
- Earn a core-course GPA of at least 2.200
- Earn the ACT/SAT score matching your core-course GPA

COURSE CRITERIA

Criteria for Regular Courses

- Level of difficulty at grade level
- Emphasis on daily homework for determining grade

Criteria for Honors/Accelerated Courses

- Level of difficulty at or above grade level
- More content covered
- Instruction at a faster pace
- Greater emphasis on testing for determining grades

Advanced Placement

- Student must meet and/or exceed class entrance criteria
- Students in an AP course are required to take the AP Exam

Program for Advanced College Credit (PACC)

- Student must meet and/or exceed class entrance criteria
- Student must pay the $100 per college credit fee

COURSE	DIVISION I	DIVISION II
English	4 years	3 years
Math (Algebra 1 or higher)	3 years	2 years
Natural/ Physical Science (one must be a lab)	2 years	2 years
Social Studies (Social Science)	2 years	2 years
Additional English, Math, or Natural/Physical Science	1 year	3 years
Additional courses (from any area above, foreign language)	4 years	4 years
Total Units Required	16	16

GENERAL COLLEGE REQUIREMENTS

Students and parents should review the course catalog to explore course electives and determine which courses meet potential career or educational goals. The minimum requirements for college admissions are listed below.

English	4 Credits

Social Studies	3.5 Credits
World History	1 Credit
US History	1 Credit
Geography	.5 Credit
Economics	.5 Credit
Government	.5 Credit

Health	.5 Credit

World Language	2 years (credits) Same Language
**Selective colleges are requiring three to four years of the same language*	

Mathematics	3.5 Credits
Algebra I	1 Credit
Algebra II	1 Credit
Geometry	1 Credit
Personal Finance	.5 Credit
**Selective colleges are requiring four years (credits) of math*	

Science	3 Credits
Environmental Science	1 Credit
Chemistry	1 Credit
Biology	1 Credit

Fine Arts	1 Credit



ENTRANCE REQUIREMENTS OF SELECTED COLLEGES AND UNIVERSITIES

University of Minnesota

(Minimum high school course requirements)
English - 4 years
Mathematics - 4 years
Elementary algebra, geometry, intermediate algebra, fourth-year math classes include calculus (preferred), pre-calculus, analysis, integrated math 4
Science - 3 years, including one year each of biological and physical science, and including a laboratory experience.
College of Biological Sciences and College of Science and Engineering require biological science, chemistry, and physics
Social Studies - 3 years
Single second language - 2 years
Visual and/or performing arts - 1 year

College of St. Benedict/St. John's University

(Minimum high school course requirements)
English - 4 years
Math - 3 years, through advanced Algebra II
Science - 2 years of laboratory science beyond 9th grade
Social Sciences - 2 years
6 other college preparatory electives
Foreign language recommended

Creighton University

(Minimum high school course requirements)
English - 4 years
Math - 3 years, through Pre Calculus
Science - 2 years of laboratory science beyond 9th grade
Social Sciences - 2 Years
World Language - 2 Years
3 other college preparatory electives



Minnesota State Colleges and Universities

MINNESOTA STATE UNIVERSITY, MANKATO, WINONA STATE UNIVERSITY, SOUTHWEST MINNESOTA STATE UNIVERSITY, MINNESOTA STATE UNIVERSITY, MOORHEAD, ST. CLOUD STATE UNIVERSITY, BEMIDJI STATE UNIVERSITY, METROPOLITAN STATE UNIVERSITY (MINNEAPOLIS & ST. PAUL)

(Typical requirements for four-year universities; each university may differ slightly)
English - 4 years
Math - 3 years, including two years of algebra and one year of geometry
Science - 3 years, including one year each of a biological and a physical science, all with significant laboratory experience
Social Studies - 3 years, including one year or its equivalent of geography and U.S History
World Language - 2 years, including non- English native languages and American Sign Language
Fine Arts - 1 year

Minnesota State Community and Technical Colleges

All two-year community and technical colleges in the state of Minnesota have an open admissions policy. Students are able to enroll if they have a high school diploma, however, some programs may have special admissions requirements. Standardized testing is not needed for admission, as students will take a placement test once they are admitted. Community colleges offer a variety of one and two year vocational programs that prepare students for full-time employment, in addition to providing the first two years of a traditional four-year college program.

University of Wisconsin System

(Typical minimum requirements - Total 17 units)
English - 4 units/years
Social Studies - 3-4 units/years
Mathematics - 3-4 units/years (including Algebra 1, Geometry and advanced math)
Science - 3 units/years (2 must be biology, chemistry or physics)
Foreign Language - not required by most, however, UW - MADISON requires 3 - 4 units/years The remaining four units will be from the above areas, foreign language, fine arts, computer science, and other academic areas
A unit equals one academic year of a subject.



Saint Mary's University

A student applying for first-year admissions at Saint Mary's is expected to have completed a well-rounded high school college prep curriculum that includes the following:

English - 4 units (with an emphasis on composition and literature)
Mathematics - 3 units (through at least Algebra II)
Foreign Language - 2 units/years (minimum); 3 - 4 units/years (preferred)

Science - 3 units (including at least 2 lab courses)
Social Studies - 2 units
Academic Electives - 4 units (Religion, Philosophy, or additional units of Mathematics, Science, Foreign Language)

University of Notre Dame

(Minimum and Preferred High School Requirements)

College of Arts and Letters or the Mendoza College of Business
English - 4 units/years
Mathematics - 3 units/years (minimum) - including Algebra I, Algebra II, and Geometry; *4 units/years (preferred)
Foreign Language - 2 units/years (minimum); 3 - 4 units/years (preferred)
Science - 2 units/years (minimum); 4 units/years (preferred)
History/Social Science - 2 units/years (minimum); - 4 units/years (preferred)
Additional History/Social Science, Science, Foreign Language, Mathematics and English courses - 3 units

College of Science, the College of Engineering, the School of Architecture, the Arts and Letters Pre-Health program, and Neuroscience and Behavior

Mathematics - 4 units/years
must include advanced math such as Pre-calculus, or Calculus

Students with an intended major within the College of Science or the College of Engineering must take a unit of Chemistry.

Additionally the following majors require a unit of Physics:

Applied and Computational Mathematics and Statistics
Chemistry
Biochemistry
Chemistry with Business
Chemistry with Computing
Mathematics (within the Colleges of Science and Arts & Letters)
Physics
Physics-in-Medicine
All Engineering majors

Military Service

There are many opportunities within the five branches of the U.S. Military (Army, Air Force, Navy, Marine Corps, and Coast Guard). Students interested in enlisting must have a high school diploma. The U.S. Military requires that all applicants take the Armed Services Vocational Aptitude Battery (ASVAB) test.



LOURDES REQUIRED COURSES

REQUIRED FRESHMAN COURSES

Religion	1 Credit
English	1 Credit
World History	1 Credit
Environmental Science	1 Credit
Mathematics	1 Credit
Physical Education	1 Credit
Language	1 Credit
Electives	1 Credit

REQUIRED SOPHOMORE COURSES

Religion	1 Credit
English	1 Credit
Chemistry	1 Credit
Mathematics	1 Credit
Language	1 Credit
Health	.5 Credit
Human Geography	.5 Credit
Personal Finance	.5 Credit
Electives	.5 Credit

REQUIRED JUNIOR COURSES

Religion	1 Credit
English	1 Credit
United States History	1 Credit
Biology	1 Credit
Mathematics	1 Credit
Electives	2-3 Credits

REQUIRED SENIOR COURSES

Religion	1 Credit
English	1 Credit
Government	.5 Credit
Economics	.5 Credit
Statistics	.5 Credit
Electives	3-4 Credits

GRADING

Lourdes uses a letter grading system with a 4.0 standard numerical equivalency as shown below. Using this scale, a GPA is calculated each term by adding the numerical equivalency of all grades and dividing by the number of courses involved. A multiplier system (1.1 multiplier) is used for Advanced Placement and Honors courses. The multiplier effect is indicated on the table below.

	GPA	MULTIPLIER 1.1
A	4.0	4.4
A-	3.7	4.1
B+	3.3	3.6
B	3.0	3.3
B-	2.7	3.0
C+	2.3	2.5
C	2.0	2.2
C-	1.7	1.9
D+	1.3	1.4
D	1.0	1.1
D-	0.7	0.8

Formal academic progress reports are made on a quarterly basis.



WELCOME TO LOURDES HIGH SCHOOL
COURSE LISTING 2026-2027

FINE ARTS - VISUAL

FOUNDATIONS OF ART/ART 2D & ART 3D (1011)
Gr. 9, 10, 11, 12 | All Year | 1 Credit
This is an introductory studio art course in which areas such as drawing, painting, graphic design, mosaics, printmaking, ceramics and sculpture will be studied as well as other two and three-dimensional art methods and techniques. The elements of art and principles of design will be studied and applied. Students will have the opportunity to conceptualize, design, create, and critique works of art using a variety of two and three-dimensional methods. This class will prepare students for advanced level 2D and 3D classes including Drawing and Painting I, Ceramics I, and Sculpture.

Sculpture (1330)
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
This is an advanced level studio course in which materials such as clay, plaster, paper mâché, wire, paper sculpture, and mixed media will be used to create sculptural art forms. Students will conceptualize, design, create, and critique works of art using a variety of techniques. This course provides students a more in-depth study and use of traditional and contemporary sculpture materials and processes.

Drawing and Painting I (1240)
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
Basic concepts of two-dimensional design are applied to still life, the human figure, and landscape subjects as students work with drawing and painting media subjects simultaneously. Students gain an understanding of what has been significant about artwork throughout history. Students gain practice discussing the work of past and present artists as well as their own work.

Drawing and Painting II (1250)
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
This course is an intermediate studio course with an emphasis on developing the students' self-expression on various subjects through drawings and paintings. Students study works by past artists and learn to analyze them according to the elements and principles of art. This knowledge is then applied to the students' own work, helping them make and support their own personal decisions about works of art.
Prerequisite: Drawing and Painting I

Drawing and Painting III (1260)
Gr. 11, 12 | 1st or 2nd Semester | .5 Credit
This course is an advanced studio course with a continuation of developing technical skills through drawing and painting. Students will apply the elements and principles of art to their artwork. Students will study art history, art production, art criticism, and aesthetics as it applies to their own art work as well as to other artists.
Prerequisite: Drawing and Painting II

Ceramics I (1340)
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
This is an introductory studio course where students explore the dynamic world of clay including basic hand-building skills, glazing techniques, and the firing process. Students will explore three-dimensional design, creative problem solving, studio procedures, and create both functional and non-functional clay pieces.

Ceramics II (1350)
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
This is an intermediate studio course that will expand on the basic hand-building and glazing techniques developed in Ceramics I and will introduce the basic skills necessary to be able to throw clay on the pottery wheel. Students will also explore intermediate 3-dimensional design techniques, creative problem solving, and clay artist studies allowing for individual voice and choice.
Prerequisite: Ceramics I

Advanced Ceramics III (1370)
Gr. 11, 12 | 1st or 2nd Semester | .5 Credit
This is an advanced level studio course that will build on the skills and techniques explored in Ceramics II. Students will become "Varsity Clay Artists" and aid in developing their guided focus in clay allowing for handbuilding and/or wheel throwing creative clay projects. Advanced glazing, studio, artist studies, and creative problem solving techniques will be explored.
Prerequisite: Ceramics II

Graphic Design I (1320)
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
This is an introductory graphic design course that gives students the opportunity to explore design techniques for commercial purposes. Students will create visual concepts to communicate ideas that inspire, inform, and captivate consumers. The use of different techniques both by hand and computer will be utilized. Focus will be placed on learning to combine text and imagery in visually pleasing contexts for advertising and promotional materials such as logos, posters, billboards, and package design.

Graphic Design II (1370)
Gr. 10, 11, 12 | 2nd Semester | .5 Credit
This is an advanced graphic design course that allows students the opportunity to continue building on their design skills through class projects and real world experience. Students will learn about branding and corporate identity. Adobe Suite will be utilized to continue to develop digital design skills in Photoshop, Illustrator, and InDesign. Students will also be given the opportunity to put their talents to work by creating designs for school activities and events.

Prerequisite: Graphic Design I

Photography and Digital Design (1310)
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
Students will be introduced to the history of photography, as well as the processes, both past and present, used to create a photograph. Instruction on composition, lighting and balance will be used to guide students as they create photographs of their own. The design portion of this course will focus on page layout and design, along with digital photo manipulation and digital illustration. Students will use their cell phone cameras in this course.

AP Studio Art/Art IV (1481)
Gr. 11, 12 | All Year | 1 Credit
This is a year-long course that prepares students who are seriously considering a career in visual art with the practical experience of building a portfolio. Students will begin working on their projects in the summer and will compile their portfolios throughout the school year. AP Studio Art is not based on a written exam. Students submit portfolios for evaluation at the end of the school year. This corresponds with most college art foundation courses. Students will work closely with the instructor in developing their portfolios which are tailored to each individual. Students can receive AP credit for submitting portfolios in AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing.

Prerequisite: Completion of Drawing & Painting I-III and teacher recommendation. A student's participation in this course must be approved by the instructor.



FINE ARTS - PERFORMING

Acting and Stagecraft I (2530)
Gr. 10, 11, 12 | 1st Semester | .5 Credit
This course combines the practice of acting with practical elements of stagecraft (lighting and design). The goal is to develop students' awareness of their own artistic sense in theatre, and to awaken their artistic vision. The fundamental tools of acting and the basic elements of production are shaped into reliable skills and brought to life in specific performance opportunities.

Acting and Stagecraft II (2540)
Gr. 10, 11, 12 | 2nd Semester | .5 Credit
This follow-up continues to refine the actor's craft and introduces the elements of directing and managing a production. Students will develop an understanding of "page to stage" process in a collaborative setting. This is where the tools and skills acquired during 1st semester are called upon to craft a production of integrity.

Prerequisite: Acting and Stagecraft I

Band (4011)
Gr. 9, 10, 11, 12 | All Year | 1 Credit
The Lourdes High School Concert Band is a year-long, co-curricular course that performs high-caliber music crossing many genres and eras. Students of all ability-levels in grades 9-12 are welcome to join. The course provides instruction in reading music notation, instrument care, basic theory, and differences in playing styles, among other things. Each student will receive individual instrumental instruction to further develop their musical skills. Students are required to perform in three concerts scheduled throughout the year, as well as the annual Fine Arts Advent Program. Additional evening requirements include pep band performances at sporting events throughout the year. Students will compete at MSHSL Large Group Contest in the early spring, and are encouraged to participate in the MSHSL Solo/Ensemble Contest in the late spring.

Concert Choir (4031)
Gr. 9, 10, 11, 12 | All Year | 1 Credit
The Lourdes High School Choir offers year-long, co-curricular courses that perform high caliber music crossing many genres and eras. Students of all ability levels in grades 9-12 are welcome to join. The course provides instruction in reading music notation, healthy vocal technique, phonation, and differences in choral singing styles, among other topics. Students will perform four evening concerts coordinating with the end of each academic quarter. Additional evening requirements may also be included but are minimal. Students will compete at MSHSL Large Group Contest in the early spring, and are encouraged to participate in the MSHSL Solo/Ensemble Contest in the late spring.

American Music History (4120)
Gr. 11, 12 | 1st or 2nd Semester | .5 Credit
The course will move from 17th century musical offerings and follow the evolution of music in America to today. The course will guide students to discover Western and non-Western influences on American musical contributions. Topics will include early hymnody and chorales, music from Native American cultures, Spirituals and work songs, orchestral music, brass bands. Students will also follow the evolution of popular music into the 20th century. Within the 20th century, students will discover the development of folk, jazz, musical theater, country, hip-hop, gospel, and how they are intertwined and influenced by one another among other styles.

Music Studio (4100)
Gr. 11, 12 | 1st or 2nd Semester | .5 Credit
Music Studio is a course designed to take students deeper into the process of creating, examining and showcasing music. Students will explore music technology by learning the basics of arranging and composing music using digital notation softwares and creation studios, and they will develop basic skills for common instruments such as piano, guitar and drum set. This course is meant to supply students with tools to supplement their musical ability, and to have a glimpse into music production in the real world. Music Studio is open to Band or Choir students in their Junior or Senior year with teacher approval.

Interested students who are not enrolled in Band/Choir may petition for admission at the discretion of the course faculty

AP Music Theory (4131)
Gr. 11, 12 | All Year | 1 Credit
The course will cover material including major and minor scales, triads, 7th chords, Roman Numeral analysis, figured bass, lead sheet, 4-part writing rules, inversions, rules of 2nd inversion chords and non-chord tones, melodic and harmonic sequences, secondary dominant and secondary leading tone chords, modes, and forms. Each of these units will include written and aural skills. Additionally, students will learn sight-reading skills and diatonic melodic dictation, both with examples including secondary dominants. Additionally, students will learn to harmonize a melody and harmonic dictation also including secondary dominants. The course will culminate in a composition synthesizing the skills learned throughout the course. *This course will not be offered for the 2027-2028 school year.*

Prerequisite: Continuous enrollment in Choir or Band

Interested students who are not enrolled in Band/Choir may petition for admission at the discretion of the course faculty

Senior Arts Practicum (2650)
Gr. 12 | 1st or 2nd Semester | .5 Credit
Throughout the semester, students enrolled in Senior Arts Practicum will work with the faculty of the Fine Arts Department to create and perform/present a project which crosses the visual and performing arts. This is an advanced course that asks students to call upon knowledge from Fine Arts classes taken previously, as well as experiences from extra-curriculars in the Arts. The course will serve as an independent study which will be overseen by the Fine Arts Chair. Students are expected to complete and document at least 60 hours to receive credit for the course. Hours can include, but are not limited to, working with the instructor(s), creating, planning and performing/presenting your project. If more than one choir class is offered, class placement will be based upon director discretion for a balanced choir program.

Prerequisite: Students must have completed all required fine arts credits as well as participated in at least three Arts extracurriculars between their freshman and junior years.



Audition Groups

Other important components of the music program include audition groups. These activities are listed below.

Center Street Singers
Gr. 9, 10, 11, 12 | All Year
The Center Street Singers is an extracurricular vocal ensemble at Lourdes High School. They perform at concerts, contests, festivals, and other public events throughout the year. Members are selected in the fall by audition only. The group rehearses 2-3 hours per week outside of normal school hours. Individuals must be enrolled in Band or Choir.

Hi-Lighters
Gr. 9, 10, 11, 12 | All Year
The Hi-Lighters Jazz Band is a historic extra-curricular group at Lourdes High School. The group rehearses and performs jazz standards and new compositions in multiple genres and styles. The ensemble rehearses 2-3 hours a week and performs regularly at music contests, festivals, concerts, and other community events. Members are selected by audition only. Individuals must be enrolled in Band or Choir .

Winter Drumline
Gr. 9, 10, 11, 12 | All Year
The Winter Drumline is a percussion ensemble that performs dynamic percussive literature at public events and competitions. Members are selected in November by audition only. Rehearsals are 4-6 hours per week. Individuals must be enrolled in Band or Choir, or in a conference with the Director.

Marching Band
Gr. 9, 10, 11, 12 | June-October
The Lourdes High School music program supports a highly regarded Marching Band which participates in competitive performance events and festivals, represents the schools in parades and public functions, and performs at halftime throughout the football season.

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BUSINESS

Computer Applications
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
Students in this course will improve their knowledge of several software applications used to complete academic assignments as well as in a professional setting. Graphics, word processing, spreadsheets, and presentation software will be explored. Students will use both the Microsoft Office and Google Suites as well as other relevant technology
This course is offered on a bi-annual basis. It will not be offered the 2027-20289 school year.

Career Planning
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
This course will aid students toward career exploration and college planning. Students will have the opportunity to explore their interests, skills, and goals as they relate to both career choice and post-secondary education. Students will learn more about themselves through a variety of assessments, which can help narrow down their area of career interest. Areas of focus include creation of a personal resume, development of interview skills, preparation for first job and post-secondary education.

Business Foundations
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
This foundational course has two focuses. The first focus is on the foundations of various business types, models, and industries such as healthcare management, business entrepreneurship, business ownership, and retail management. The second focus of this class will be applied leadership and management foundational basics. There will be exploration of local, regional, and global business structures.

Personal Finance
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
Learn the skills to manage your financial resources effectively and set yourself up for a lifetime of financial well-being. Students will explore many topics such as: personal budgeting and financial goal setting, paying for college, credit management, housing and auto expenses, investing, taxes, and identity theft protection.

This course will be a graduation requirement for the class of 2028.

Principles of Marketing
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
This course helps students understand marketing, the process through which organizations analyze, plan, implement, and control programs to develop and maintain beneficial exchanges with target buyers.
Effective marketing is critical for the long-term success of any business organization as this ensures that the firm attracts, retains, and grows its customers by creating, delivering, and communicating superior customer value. Social Media marketing exploration, understanding, and use, will be part of this class.

Accounting
Gr. 11, 12 | 1st or 2nd Semester | .5 Credit
This course is designed for students considering a career in management, marketing, finance, business ownership, or any other business career as well as for those students who want to learn to manage their personal finances. Throughout the course, students will learn and understand the accounting cycle and accounting terminology, analyze business transactions, prepare and analyze financial reports and documents, research business topics and use
spreadsheet software. Students will also understand how Accounting knowledge is beneficial to professionals in various kinds of business organizations (proprietorships, partnerships, corporations) and understand how accounting decisions need to be based on business and professional ethics.



ENGLISH

English I: Introduction to Literature and Rhetoric I and II (2011)
Gr. 9 | All Year | 1 Credit
NCAA
This course is designed to introduce techniques to reinforce and further develop reading, writing, speaking, listening, and critical thinking skills. Students will focus on themes of journey, injustice, culture, and human nature using a selection of novels, short stories, poetry, and nonfiction. In addition, the class will strengthen communication skills and introduce Aristotle's rhetorical appeals. Some of the works studied include *Romeo and Juliet, Lord of the Flies, and Letter to Birmingham Jail.*



English II: Drama/Poetry I and II (2031)
Gr. 10 | All Year | 1 Credit
NCAA
This course is designed to build on the foundational reading, writing, speaking, listening, and critical thinking techniques introduced in the freshman year. Students will examine, discuss, and demonstrate specific themes of the human's response to war, the human's place in society, human person's struggle, and the power of government using a selection of plays, poetry, and nonfiction. Texts may include *The Importance of Being Earnest, Oedipus the King, A Man for All Seasons, Macbeth*, and various poems and essays by writers such as Walt Whitman, Maya Angelou, Alfred Lord Tennyson, and Martin Luther King Jr.

Honors English II Honors Drama/Poetry I and II (2035)
Gr. 10 | All Year | 1 Credit
NCAA
This year-long course is designed to meet the needs of highly motivated students who would like to delve deeper into the genres of drama and poetry. Similar to Drama/Poetry, it will continue to focus on reading, writing, speaking, and listening techniques developed freshman year. While it will cover much of the same content as Drama/Poetry, students will be expected to work at a faster pace with a more rigorous examination of the selected pieces of literature in order to foster higher-level critical thinking skills. Some of the works studied include *Macbeth*, and other pieces of drama, along with a variety of poems exhibiting an array of poetic styles.

Prerequisite: A in both semesters of English I

English III Novel/Short Story I and II (2050)
Gr. 11 | All Year | 1 Credit
NCAA
This course is designed to strengthen and advance higher-level reading, writing, speaking, listening, and critical thinking skills. Students respond to assigned readings through class discussions and work to refine oral presentation skills as well as analytical and reflective writing skills. In addition, junior year introduces the writing of a formal research paper. Students delve into specific themes including cultural identity, love/relationships and sacrifice, self-actualization, and the growth and transformation of society through the study of novels, short stories, and nonfiction. Compare content and style works such as *The Great Gatsby, Fahrenheit 451, and Things Fall Apart.*



AP Language and Composition (2111)
Gr. 11, 12 | All Year | 1 Credit
NCAA
This course focuses on advancing the writing ability of students by developing their analytical processing of information as well as crafting personal, stylistic choices. Students will encounter highly regarded works of
non-fiction from various sources, implement similar practices in their own writing, and strive to refine their created content. The course will be broken into four main units, each comprised of reading and writing within the category: rhetoric and persuasion, claims and evidence, reason and logic, style and prose. Upon completion, students will possess the skills to research, argument, and revise their writing at a collegiate level and/ or meet the requirements to complete the AP Language and Composition exam.

Prerequisites: B+ or higher in Honors English or A- or higher average in English first two/three years

College Writing - PACC (2115)
Gr. 11, 12 | All Year | 1 Credit
SMU Equivalent: E130 First Year Writing
3 College Credits
NCAA
College Writing is offered as an alternate enrollment course to AP Literature offered through Saint Mary's University and focuses on a rigorous study of imaginative literature across different mediums and historical periods. This course will be instructed by a teacher with a Master's Degree in the related field.

In order to take this course for college credit, when registering with Lourdes, students must also register through Saint Mary's PACC and an additional fee of $300.00 will be applied to your Blackbaud Tuition Management account.

Prerequisites: B+ or higher in Honors English or A- or higher average in English first two/three years

**Students have the option of either enrolling in the course through Saint Mary's and assuming the cost associated with the University, or opting to pay for the AP exam.*

English IV Epic Mythology (2071)
Gr. 12 | All Year | 1 Credit
NCAA
This course continues to build on the reading, writing, speaking, and listening techniques introduced freshman year and developed through senior year. Additionally, a more rigorous writing focus is demonstrated through the creation of a research paper.

Students will focus on the themes of heroism, fate/destiny/free will, journey, and inner conflict through the study of the epic and mythology, including *Homer's Iliad & Odyssey.* There is also an emphasis on pieces such as *Beowulf and Idylls of the King.*

AP Literature (2101)
Gr. 12 | All Year | 1 Credit
NCAA
In the course students will survey fiction through novels, short stories, dramas, and poetry. They will build on writing skills and textual analysis from previous courses to unfold the ways authors command language and derive meaning within their work. In addition, students will demonstrate their understanding of figurative language, literary elements, and comprehension through various essay formats. Upon completion, students will possess the skills to analyze, reflect, and provide insight into fictional works at a collegiate level and/or meet the requirements to complete the AP Literature exam.

Prerequisites: B+ or higher in English first three years

Advanced Fiction - PACC (2105)
Gr. 12 | All Year | 1 Credit
SMU Equivalent: E175: Introduction to Literature | 3 College Credits
NCAA
Advanced Fiction is offered as an alternate enrollment course to AP Literature offered through Saint Mary's University and focuses on a rigorous study of imaginative literature across different mediums and historical periods. This course will be instructed by a teacher with a Master's Degree in the related field. In order to take this course for college credit, when registering with Lourdes, students must also register through Saint Mary's PACC and an additional fee of $300.00 will be applied to your Blackbaud Tuition Management account.

Prerequisites: B+ or higher in English first three years

**Students have the option of either enrolling in the course through Saint Mary's and assuming the cost associated with the University, or opting to pay for the AP exam.*

Creative Writing (2070)
Gr. 12 | 1st or 2nd Semester | .5 Credit
Creative Writing is an elective for students who are interested in exploring the more artistic side of literature. Students will analyze various writing styles and practice techniques that enrich their own writing and develop their voice. Students will be expected to share in class what they write and revise works based on constructive feedback. During the semester students will also read, discuss, and evaluate various styles of poetry and prose.
Grading will be based on successful daily work, portfolio evaluations, and extra writing that is expected throughout the semester.

Journalism (2075)
Gr. 11, 12 | 1st or 2nd Semester | .5 Credit
We all consume a variety of written media for a wide range of purposes, but who writes those pieces and decides what will be published? Journalism is an elective course for students who want to discover more about writing for digital and print media. Students will learn interview and research techniques for the purpose of writing news and sports reports, feature articles, and editorial essays. Sample articles will also be examined to understand issues of media bias and ethics.

Additionally, students will assist in the writing and editing of articles for The Eagle Eye, our student-led newspaper.



LHS MENTORSHIP PROGRAM

Are you unsure of what you want to be when you grow up? Have you ever thought about participating in a job shadow? If you answered yes to either question, a mentorship experience might be a good choice for you.

Mentorships enable students to go beyond the doors of Lourdes High School to enhance their personal and professional learning experience. By participating in a hands-on mentorship experience, students are able to develop new skills, explore areas of interest, and learn more about a specific career field. Students are responsible for self-selecting a mentor in a profession and workplace of their choosing. Prerequisite: Students must have at least a 3.0 GPA and have satisfactory progress in all coursework at the time of application. **Mentorship will not be added to the student's schedule until a mentor has been confirmed.**

Mentorship Program (9992)
Gr. 11, 12 | 2nd Semester | .5 Credit
Throughout the semester, students will have the privilege of working with, and learning from, a professional in their desired career field. In addition to working with their mentor, students will attend a mentorship class at Lourdes. Students are expected to complete at least 60 hours to receive credit for this course. Please note: You will be receiving credit for your mentorship once our class begins.

Maximum: 10 students



MATHEMATICS

Algebra I (3521)
Gr. 9 | All Year | 1 Credit
NCAA
This course explores the world of algebra following junior high mathematics. Fractions and decimals are thoroughly used with combinations of addition, subtraction, multiplication, division, and exponents. The course has a heavy emphasis on writing and solving linear equations. This course offers a solid foundation to future classes of Geometry and Algebra II.

Geometry (3541)
Gr. 9, 10 | All Year | 1 Credit
NCAA
This course is designed to emphasize the study of properties and applications of geometric figures in two and three dimensional spaces. Inductive and deductive thinking skills are used in this course to problem solve and look at real world situations. Students will learn the basics of theorems, postulates, and properties of geometric figures and be able to use them in two-column proofs. Topics covered include: lines, similar and congruent polygons, triangles, quadrilaterals, area, perimeter, surface area, and volume. Prerequisite for 9th grade: Passing score on the Placement Test, and teacher recommendation.

Prerequisite for 10th grade: Grade of B- or higher in Algebra I both semesters

Honors Geometry (3531)
Gr. 9, 10 | All Year | 1 Credit
NCAA
Honors Geometry is designed for the high-ability math student and covers a wide range of topics in great detail. There is a heavy emphasis on using theorems, postulates, and properties in formal, two-column proofs in order to investigate the relationships between geometric figures. Honors Geometry focuses mostly on two-dimensional geometry with a minor portion on three-dimensional geometry. Topics covered include: congruence, reasoning, polygons, area, perimeter, surface area and volume.

Prerequisite: Teacher recommendation only

Concepts of Geometry (3561)
Gr. 10, 11 | All Year | 1 Credit
Concepts of Geometry emphasizes development of mathematical knowledge by applying geometric properties, conjectures, and theorems. Students will utilize the basics of Algebra I in topics that include: lines, angles, similar and congruent triangles, perimeter, area, polygon properties, circles, surface area, volume, and transformations. This course will not be offered in the 2025-2026 school year.

Prerequisite: Teacher recommendation only

Algebra II (3611)
Gr. 10, 11 | All Year | 1 Credit
NCAA
This course is a continuation of Algebra I. We will examine equations graphically and algebraically and solve equations. The equations covered include linear, quadratic, polynomial, exponential, logarithmic, rational, and radical functions.

Prerequisite: Geometry



Honors Algebra II (3551)
Gr. 10 | All Year | 1 Credit
NCAA
Honors Algebra II is a course intended for students who are strong academically, highly motivated, and able to work independently. A variety of approaches to problem-solving are explored, using different types of mathematical models with extensive emphasis on graphical methods. Topics include quadratic, polynomial, exponential, logarithmic, radical, and rational functions. In addition to algebra content, this course will explore discrete math, conic sections, and trigonometric functions. Graphing calculators will be used regularly for instruction and assessment. A graphing calculator is required.

Prerequisite: Honors Geometry grade of B+ or higher both semesters OR Geometry grade of A both semesters

Concepts of Algebra II (3571)
Gr. 10, 11 | All Year | 1 Credit
Concepts of Algebra II advances the exploration of algebra by broadening the study of topics introduced in Algebra I. The foundations of algebra will be applied in examinations of factoring, polynomials, exponents, rational numbers, and an introduction to data analysis, probability, and discrete mathematics. This course will be offered in the 2025-2026 school year.

Prerequisite: Teacher recommendation only



Pre-Calculus/Trigonometry (3641)
Gr. 11, 12 | All Year | 1 Credit
NCAA
This course covers the basics of college level algebra emphasizing understanding of the logical and critical thinking while serving as an in-depth preparation for Calculus. This course builds on the computational, problem solving, and graphing skills learned in previous math courses with topics ranging from basic algebra review to exploration of linear, quadratic, exponential, and logarithmic functions along with a study of rational expressions, inverse relations, function operations, complex numbers, and systems of equations. This course also deepens student understanding of Trigonometry through trigonometric ratios, functions, graphs, identities, equations, inverse trigonometric functions, solution of the general triangle and other applications, conic sections, polar coordinates, and complex numbers. A graphing calculator is required.

Prerequisite: Algebra II

Honors Pre-Calculus/Trigonometry (3651)
Gr. 11, 12 | All Year | 1 Credit
NCAA
Honors Pre-Calculus is designed to prepare students to take AP Calculus. Students utilize their high level algebraic skills in covering a variety of topics. The topics include exponential and logarithmic functions, trigonometric functions, graphing a plethora of functions, limits, derivatives, series, and sequences. A graphing calculator is required.

Prerequisite: Honors Algebra II grade of B+ both semesters OR Algebra II grade of A both semesters

College Math (3691)
Gr. 11, 12 | All Year | 1 Credit
NCAA
This is a course designed for students who want to prepare themselves for being a non-mathematics major at a post-secondary institution. We cover topics often seen in a basic college math class such as set theory, graph theory, and number theory. We will explore math that students will use in their everyday lives, such as ratios and proportions, critical thinking, logic, and personal finance. We will also cover the math that shapes our world and global society, such as geometry, probability, statistics, voting, art, and sports.

Prerequisite: Algebra II or Concepts of Algebra II

AP Calculus AB (3681)
Gr. 10, 11, 12 | All Year | 1 Credit
NCAA
This calculus course is an Advanced Placement course. The topics covered in this course include: limits, continuity, derivatives, integrals, and their application to the real world. A graphing calculator is required. All students are required to take the AP Calculus AB exam in May. There is an additional fee for the AP exam.

Prerequisite: Honors Pre-Calculus grade of A- or higher both semesters

AP Calculus BC (3700)
Gr. 10, 11, 12 | All Year | 1 Credit
NCAA
Calculus II (M152)/AP Calculus BC, a course that runs concurrently with Saint Mary's University is a continuation of Calculus I/AP Calculus. Several topics are revisited at a higher mathematical level to further develop student mathematical conceptual understanding. Topics include: applications of the definite integral, techniques of integration, improper integrals, introduction to differential equations, numerical methods for integration and approximation, curves in the plane given parametrically, polar coordinates, and vectors in 2-space and 3-space.

Prerequisite: A score of at least 3 on the AP Calculus AB AP Exam

Statistics (3790)
Gr. 12 | Semester | .5 Credits
NCAA
This course will cover a wide range of topics in probability and statistics. It focuses on the importance of mathematics and computer-based programs to help calculate many different important numbers for analyzing data. Topics covered will include basic probability, analyzing data, the Normal curve, line regression, correlation, variability, confidence intervals, methods of collecting data, and drawing conclusions from data. Many majors require a statistics course for college graduation. Many students will decide to take this course alongside a yearlong math course (normally Calculus, College Math, or Precalculus).

Prerequisites: Algebra 2 or Honors Algebra 2

Calculus (3671)
Gr. 11, 12 | All Year | 1 Credit
NCAA
This course will use many topics from all previous math classes and is designed for students planning to pursue a degree in mathematics, science, engineering, business, and computer science; or for students interested in math who want to continue to learn new and interesting topics in mathematics. will include the topics relating to limits, continuity, derivatives, integrals, and real world applications. A graphing calculator is required.

Prerequisite: Pre-Calculus/Trigonometry with a B– or higher both semesters

AP Statistics/Reasoning with Statistics (3800)
Gr. 11, 12 | All Year | 1 Credit
SMU Equivalent: ST132-Reasoning with Statistics | 3 College Credits
NCAA
Reasoning with Statistics (ST132) runs concurrently with Saint Mary's University and College Board's AP Statistics. It involves the study of four main areas: exploratory analysis, planning a study, probability, and statistical inference. Students will apply their complete working knowledge of the graphical and algebraic concepts through Math Analysis, including linear, quadratic, exponential, and logarithmic functions. In contrast to many math classes, this course will require reading of the text. This Statistics course is designed to develop student facilities in the use of statistical methods and the understanding of statistical concepts. The course takes a practical approach based on statistical examples taken from everyday life. Covered topics will include: descriptive and inferential statistics, an introduction to probability, discrete and continuous random variables, sampling distributions, estimation, hypothesis testing, chi-squared tests, and regression and correlation. Appropriate technology is used to perform the calculations and draw conclusions for many applications, and correspondingly an emphasis is placed on interpreting the results of statistical procedures.
A graphing calculator is required.

Prerequisite: A- in Precalculus OR B+ in Honors Precalculus

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PHYSICAL EDUCATION AND HEALTH

Physical Education Boys (4511) Girls (4521)
Gr. 9 | All Year | 1 Credit
The course emphasis is on the enhancement of physical strength and endurance, cardiovascular endurance, flexibility, and agility. Through various team and individual activities, each component is discussed and performed at various levels. Activities will include flag football, speedball, pickleball, weight training, and many others. Our goal is to get students excited about physical movement with a variety of activities. We need to teach students how and why to stay active for a healthy life. "To move is to Improve!" RCS System PE uniform required.

Health (4561)
Gr. 10 | 1st or 2nd Semester | .5 Credit
This course enables students to explore a variety of topics related to personal and public health in order to develop a better understanding of how hereditary, environmental and behavioral risk factors may affect their overall health and future well-being. Units will include: leading a healthy lifestyle, chemical use and abuse, infectious and non-infectious diseases, mental and emotional health, mental disorders, physical fitness, nutrition, first aid and safety, the body systems, and related topics. This course is required for graduation.

Advanced First Aid and CPR (4590)
Gr. 11, 12 | 2nd Semester | .5 Credit
This class is a great opportunity for students to become involved in and enhance their community. Through this class, students will work toward Red Cross certification in pediatric and adult CPR, along with becoming AED certified for pediatrics and adults. Each student will also be First Aid certified through the Red Cross upon successful completion of the course. There is a supplemental fee associated with this course and it will be applied to your Blackbaud Tuition Management account.



Sports for a Lifetime (4540)
Gr. 11, 12 | 1st or 2nd Semester | .5 Credit
This semester course is an activities based class focused on developing and refining skills used in lifetime sports that are essential to the total educational development of healthy students. Juniors and Seniors will have the opportunity to participate in physical education activities that develop skills to live a productive and healthy life. By learning how to function optimally, physically, and to maintain a lifelong program of recreational activities, they assure themselves healthier and happier lives. Units include: ping pong, volleyball, badminton, bowling, dance, pickleball, broomball, and basketball. There will be a supplemental fee associated with this class if a field trip is taken and it will be applied to your Blackbaud Tuition Management account.

Lifetime Fitness (4600)
Gr. 12 | 2nd Semester | .5 Credit
This course introduces students to a wide range of physical conditioning activities that emphasize lifelong physical fitness. Some of the topics include weight training, aerobics, circuit training, step aerobics, aerobic exercise machines, bicycling, yoga/stretching, and water aerobics. Many of these classes will be in a lab setting utilizing facilities around the city. The bike trip will take place on the Root River Trail in May. There is a supplemental fee for this class.

Sports Officiating (4570)
Gr. 10, 11, 12 | 1st Semester | .5 Credit
The course outcome is for the student to understand and apply the rules of various sports by officiating games. Students are expected to officiate junior high contests, youth contests, and intramural contests. Emphasis is on basketball and volleyball with an introduction to baseball and softball. This is a full participation class as students will officiate their peers for practice. Enrollment limited to 20 students.







RELIGION

Sacred Scripture/Old Testament (5010)
Gr. 9 | 1st or 2nd Semester | .5 Credit
Introduction to Scripture introduces students to the basics of our Catholic faith and tradition. The course covers an examination of the covenant story of the scriptures focused on the Old Testament revelation of God to His people. Students will learn how to read, reflect on, and engage scripture. The story of salvation history unfolds as we explore the ancient text with modern applications.

Sacred Scripture/Christ Revealed in Scripture (5020)
Gr. 9 | 1st or 2nd Semester | .5 Credit
We continue to explore the prophets of ancient Israel and the promise of a Savior. Students will connect to the prophets throughout salvation history and leading into the Messianic prophets that connect our salvation to Jesus Christ. Students will examine how Jesus fulfilled prophecy and how he is revealed in the New Testament.

Who is Jesus and the Paschal Mystery (5030)
Gr. 10 | 1st or 2nd Semester | .5 Credit
Christology focuses on the life, words, and teachings of Jesus. We explore the Gospel texts and other scriptural references in an attempt to better understand Jesus Christ and his connection to all humanity. Students will study the words and actions of Jesus in the Gospel and the Paschal Mystery of Jesus.

Sacraments (5040)
Gr. 10 | 1st or 2nd Semester | .5 Credit
The Sacraments are the visible signs of God's love for us. This course presents the seven Sacraments in their testament to life as something sacred. In this course we'll explore the social and divine qualities of the Church by learning how God relates to the Church and Her members and how the members relate to one another. Sacraments is the study of the life of the Church as communion and as mission. We'll examine different themes regarding the Church, including discipleship, Charisms, Vocations, and liturgy.

The Mission of Christ Continues in the Church (5050)
Gr. 11 | 1st or 2nd Semester | .5 Credit
During this semester, students explore New Testament texts outside of the gospels, and how Jesus sends his disciples on a mission that is carried out by early Christians and continued today through His Church. We will include saints like St. Paul and theologians as part of our investigation into who Jesus is and the mission of the Catholic Church.

History of the Catholic Church/World Religions (5060)
Gr. 11 | 1st or 2nd Semester | .5 Credit
Church History will enlighten students regarding the journey of Christian identity from its prophetic roots in biblical tradition through the social, political, and cultural challenges of historical discernment. Attention is paid to the role of personal responsibility in one's own commitment to the endurance of the Catholic faith. This course will also highlight other world religions and our relationship with those having varying and differing beliefs.

Life in Jesus Christ and Christian Morality (5070)
Gr. 12 | 1st or 2nd Semester | .5 Credit
Christian Life and Relationship presents students with opportunities to integrate what they have discovered in earlier courses. Senior students are expected to confront significant questions of life and relationship, to articulate their faith in mature and responsible ways, and to demonstrate a concern for the Image of God that defines the dignity for each person.

Catholic Social Justice: Living as a Disciple (5080)
Gr. 12 | 1st or 2nd Semester | .5 Credit
Catholic Social Justice examines the necessary relationship between love and justice in the Christian moral life. The Christian response to God's love and the call to take an active role in participating in the work of God are key themes in the course. Catholic Social Justice also presents the fundamental convictions of Catholic social teaching highlighting the issues of poverty, racism, gender, and human rights.
This course also includes a required community service component for all students.

Franciscan Foundations
Gr. 12 | 1st Semester | .5 Credit
This religion course takes the place of a regularly scheduled religion course for one semester Junior or Senior year. The course will enable students to grow in their Catholic identity with a focus on Franciscan theology. Students will explore the lives of Francis and Clare of Assisi as models of faith within a historical context and discern connections to our own lived experience. Students who participate in this course understand that it is designed to culminate in a pilgrimage to Rome and Assisi, Italy*. This course is offered on alternate years. It will not be offered in the 2027-2028 school year. This class meets zero hour, before school.

**Travel expenses related to pilgrimage to Italy will be the responsibility of the family and is outside of regular tuition costs.*

Thinking Theologically (5065)
Gr. 12 | 1st or 2nd Semester | .5 Credit
SMU Equivalent: TH 111-Thinking Theologically | 3 College Credits
This course wonders at a fundamental question throughout the long history of human beings: How do we make sense out of our experience of the Presence of God? We are challenged to think carefully and rigorously in pursuit of truth and knowledge; to notice how great thinkers have challenged themselves and others in suggesting answers to the question. We will observe the ways that human experience causes us to ask questions, and the ways that our questions are shaped and focused as we navigate the human relationship to God as it is described especially in Judeo-Christian tradition, but by comparison with some other traditions as well. In order to take this course for college credit, when registering with Lourdes, students must also register through Saint Mary's PACC and a $300 fee will be applied to your Blackbaud Tuition Management account.

Prerequisite: 3.0 Cumulative GPA

CAMPUS MINISTRY

Lourdes Campus Ministry-On A Mission
Campus Ministry seeks to fulfill the philosophy, vision, and mission of Lourdes High School. As a Catholic Christian community Campus Ministry seeks to assist students, faculty, and staff in bringing together their gifts with the school and wider community. Campus Ministry strives to be a home built on the Catholic faith through providing community events, service and outreach opportunities, class retreats, liturgical celebrations, bible studies, and other experiences in which students can build a relationship with Christ and with each other. Naturally, a central focus for spiritual growth is full, active and conscious living of our Baptismal call and our participation in the Sacrament of the Eucharist at Mass and the Sacrament of Penance. The Lourdes community strives to put into action what we believe, to encourage action toward moral and ethical issues, and be on the journey that brings true life in Christ.

Class Retreat Themes
Freshmen-Identity in Christ
Sophomores-Abiding in the Healing Love of Christ
Juniors-The Call to Emotional Virtue
Seniors-Surrender: Resting in God's Plan

Senior Additional Retreat-Kairos
An optional retreat for seniors called Kairos,"Journey of God's Time," is also offered. This is a three day, three night gender specific retreat at Dunrovin Retreat Center, Marine on St. Croix, MN. We offer the girls Kairos in the fall and the boys Kairos in the spring. Kairos invites and challenges candidates to recognize God's goodness and His presence in themselves and those around them. Kairos deepens a love for Jesus Christ and provides a meaningful encounter with Him in the Sacraments of Reconciliation and the Eucharist as well as through personal and communal prayer.



SCIENCE

Environmental Science (5810)
Gr. 9 | All Year | 1 Credit
NCAA
This course introduces and develops chemical concepts within a real-world context. Emphasis is on the molecular nature of matter and how changes in matter are observed, described, and symbolized. Science process skills include data recording, data analysis, lab report writing, and algebraic problem-solving; these skills are used throughout the year. Concepts include properties and types of matter; formulas, equations, and the mole; atomic and molecular structure; chemical bonding; chemical and heat energy; and behavior of gasses.

Chemistry (5731)
Gr. 10 | All Year | 1 Credit
NCAA
This course introduces and develops chemical concepts within a real-world context. Emphasis is on the molecular nature of matter and how changes in matter are observed, described, and symbolized. Science process skills include data recording, data analysis, lab report writing, and algebraic problem-solving; these skills are used throughout the year. Concepts include properties and types of matter; formulas, equations, and the mole; atomic and molecular structure; chemical bonding; chemical and heat energy; and behavior of gasses.

Honors Chemistry (5771)
Gr. 10 | All Year | 1 Credit
NCAA
This course is designed to fully prepare students who have a serious interest in science, medicine, or engineering for college level chemistry. Emphasis is on chemical principles and theories, applied mathematics, and quantitative laboratory work and data-analysis. Topics include: stoichiometry, kinetic molecular theory, modern atomic theory, chemical bonding, the mole, and thermochemistry. Students must have mature study habits and the ability to work and learn independently. In addition, students must have strong mathematical problem-solving skills.

Prerequisite: Honors Geometry grade of A- or higher both semesters; Biology grade of A- or higher both semesters

Biology (5741)
Gr. 11 | All Year | 1 Credit
NCAA
This course will serve as an introduction to lab sciences at the high school level. Students will learn about the fundamental components of life in the following areas: the macromolecules of life, cellular biology, protein synthesis, genetics, evolution, and ecology. These concepts will be investigated through an inquiry, lab-based approach.

Forensics (5830)
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
NCAA
Forensic science is the application of chemistry, physics, biology, anatomy, and other sciences to collect evidence from crime scenes that can be used by the criminal justice system. This course focuses on the techniques of forensics and includes simulations of crime scenes to allow students a hands-on approach to the content. Topics include the investigation of fingerprinting, fiber analysis, ballistics, arson,
trace evidence analysis, blood spatters, and blood samples; the proper collection and laboratory analysis of various samples. Mature subject matter will be presented in this course.

Zoology (5840)
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
NCAA
Zoology is the study of animals, including anatomy, physiology, behavior, classification, and ecology. Students will learn about various animal groups such as invertebrates like arthropods and insects and vertebrates - the fishes, amphibians, reptiles, birds, and mammals. Students will study concepts related to evolution, adaptation, and biodiversity. Hands-on laboratory work including dissections and outdoor field work observing live animals will be included. The course is designed to help students understand the diversity of animal life, appreciate the role of animals in their ecosystems, and understand the impact humans have on animal populations. Students will come away with a comprehensive understanding of the animal world and an appreciation for the complexity and diversity of life on Earth.

AP Biology/ Biological Connections (PACC) (5791)
Gr. 11, 12 | All Year, 3-Mod Course | 1 Credit SMU Equivalent: B150—Biological Connections | 3 College Credits
NCAA
AP Biology is designed to be the equivalent of a college level introductory biology course taken by biology majors their freshman year. Students must have a strong level of interest in biology, have demonstrated success in previous science courses, and possess the ability to learn independently outside of regularly scheduled class time. Students should expect to spend a minimum of 5 additional hours of work time outside of class per week. Topics covered include everything covered in Biology, as well as genetic regulation, the history of life of earth, and the origin and diversification of eukaryotes.

Prerequisite: Honors Chemistry grade of B+ both semesters or higher OR a chemistry grade of A- or higher both semesters, Biology grade of B+ or higher both semesters, Algebra II grade of B+ or higher both semesters,

**Students have the option of either enrolling in the course through Saint Mary's and assuming the cost associated with the university, or opting to pay for the AP exam. Students selecting the PACC option must also register with SMU when asked to do so by Lourdes High School. The SMU PACC Fee for this course is $300.00.*



Physics (5781)
Gr. 11, 12 | All Year | 1 Credit
NCAA
This course is designed for students with a strong interest in science and mathematics. We will explore fundamental principles of physics in the context of the everyday world. We will use kinematics/dynamics principles and quantitative problem solving techniques to understand natural phenomena. Mathematical models, laboratory experiments, and computer tools will be used to study the following: Newtonian mechanics, work, energy, and power; mechanical waves and sound, electricity, electrical circuits, and optics. This course includes classroom and lab experiences.

Prerequisite: Algebra II grade of B+ or higher both semesters

Honors Anatomy and Physiology (5881)
Gr. 12 | All Year | 1 Credit
NCAA
This year-long advanced science course provides a comprehensive exploration of the human body's structure and function. Topics include cellular and tissue structure, the skeletal and muscular systems, the nervous system, circulatory and respiratory systems, digestive and excretory systems, the endocrine system, and the male and female reproductive systems. Throughout the course, students engage in hands-on laboratory experiments and dissections, incorporating ethical considerations and recent medical advancements to foster critical thinking and problem-solving skills. This course is designed for high school seniors with a strong foundation in the life sciences and is ideal for those interested in pursuing careers in medicine, healthcare, or the life sciences, preparing them for advanced studies and providing a deep understanding of the human body.

Prerequisite: B+ grade or higher in both Biology and Chemistry

Introduction to Engineering Design (5851)
Gr. 10, 11, 12 | All Year | 1 Credit
In this course, students use a combination of hand-drawings and professional computer- aided 3D design software, scientific principles, art and mathematics as they learn about the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. This course is for the motivated student who wishes to go into science, engineering or design. This is a Project Lead The Way course that is offered bi-annually. It will not be offered the 2027-2028 school year.

Prerequisite: Geometry grade of B or higher both semesters

Civil Engineering and Architecture (5991)
Gr. 11, 12 | All Year | 1 Credit
In this course, students learn the important aspects of building and site design and development. They apply math, science, art, and standard engineering practices to design both residential and commercial projects. Students will design buildings using professional 3D architecture design software called Autodesk Revit and document their designs in portfolios. Students in this course will learn about commercial and residential buildings, building materials, property drainage, soil testing, surveying methods, loads of footings and structural elements, and modern architecture drafting methods. This course builds upon the other Project Lead the Way engineering courses and is for the motivated aspiring architect or engineer. This is a Project Lead The Way course that is offered bi-annually. It will not be offered the 2027-2028 school year.

Prerequisite: Algebra II grade of B or higher both semesters

Principles of Ecology and Sustainability (5873)
Gr. 12 | All Year | 1 Credit
NCAA
Students in this year-long class will build on their knowledge of biology to explore the principles of ecology, such as population dynamics, limiting factors, nutrient cycling, species interactions, forest succession, and more. While global ecology is considered, emphasis will be placed on understanding local and regional ecosystems. We will challenge our understanding of our place in the natural world by exploring our impact on other species and proposing solutions to modern problems. Students will learn about weather and climate, urbanization, energy consumption, agriculture, biophilic design, sustainable growth and development, outdoor recreation, conservation, environmental movements and laws, and more. Throughout this students will research, experiment, plan, design, and communicate their ideas and solutions regarding how we interact with our environment.

SOCIAL STUDIES

World History (6021)
Gr. 9 | All Year | 1 Credit
NCAA
World History will show how connected we are as a world, while highlighting a variety of social, political, religious, and economic exchanges that developed and happened globally. This course will not only focus on events and how they affected the local surrounding area, but it will also have students analyze and compare how these events affected the global community. This course will provide an in-depth comparison between past historical events, and how they impact our current day society. By the end of this course students will not only understand why the world is experiencing current situations, but they will also understand how all of these events are connected.

Human Geography (6130)
Gr. 10 | 1st or 2nd Semester | .5 Credit
NCAA
Human Geography is a semester-long class that studies processes and patterns that exist in our world due to human development and activity. Human Geography studies how humans affect and have been affected by the environment. An in-depth analysis of population demographics, such as China's one child policy and gender imbalance, will be infused with critical mathematical analysis of population statistics. Students will learn how the international community is organized politically and the role that politics plays in human development helping students form a geopolitical understanding of the world, such as the importance of the Suez Canal. Students will understand how human settlement is determined, from the Tsetse Fly Belt and its effect on religious development on the African continent to the cultural borders that have emerged between India and Pakistan. Students will understand the importance of resources to human settlement and interaction, focusing on international and local issues, such as the many lawsuits that have emerged in the southwest region of the United States. Current events will be stressed in this class, using this information to connect to the core geographical concept of globalization.

AP Human Geography (6141)
Gr. 10 | All Year | 1 Credit
NCAA
Human Geography (AP) is a yearlong course for sophomores.
In the course of study students are challenged to see the story of the earth and the human story as intricately bound to one another. While thinking at multiple scales, students will develop their spatial understanding, peer deeply into development of particular places, and investigate the many complex systems and interactions that create cultures. Movement between global perspectives and hyper- local considerations will inform our work together. Along with data analyses, work with geospatial technologies, and the application of social theory, students take the national AP exam near the end of the course. This cumulative exam could earn a student college credit.

Prerequisite: A- average in previous Social Studies.

There is an additional fee for this examination and it will be applied to your Blackbaud Tuition Management account.

United States History (6051)
Gr. 11 | All Year | 1 Credit
NCAA
Understanding the history of the United States is essential if our representative democracy is to continue. United States History helps students make connections between our present society and the rich heritage of our country. This course focuses on major political, economic, military, religious, social, and cultural events in our history. Students will work on acquiring historical critical thinking skills such as chronological reasoning, comparison and contextualization of eras, crafting historical arguments, and historical interpretation and synthesis. Students will read a wide array of primary and secondary sources to enhance these historical thinking skills. A variety of learning styles and activities are used in conjunction with a survey textbook and supplemental materials. Current event issues are discussed relevant to course content.



AP US History (6061)
Gr. 11 | All Year | 1 Credit
NCAA
The AP US History course surveys the history of the United States from before European colonization to modern times. The primary focus of the course provides students with an opportunity to develop the ability to analyze and express historical understanding in writing. The course is intended to approximate an introductory lecture and discussion course typically taken within the first two years of college or university study. This course will provide students with the skills needed to think, write, and express historical data critically. Students in this course are required to take the AP US History exam scheduled in May. There is an additional fee for this examination and it will be applied to your Blackbaud Tuition Management account. A syllabus including required summer readings will be provided for students enrolled in this course.

Prerequisite: World History grade of A -, AP Human Geography grade of B+ or Human Geography grade of A.

Debate (6076)
Gr. 10, 11, 12 | 1st or 2nd Semester | .5 Credit
The purpose of this class is to introduce students to the components of effective communication skills. This course will allow students to learn about the different types of debate and also the correct way of communicating with other people. Students will be using technology on a daily basis to find information about different topics that will be discussed throughout the semester.

Economics (6180)
Gr. 12 | 1st or 2nd Semester | .5 Credit
NCAA
Students in the 21st Century must have an essential set of reasoning and decision-making skills for the personal economic choices they will be facing throughout their lives. In addition, they will be living in and be impacted by a rapidly, ever-changing, competitive global economy. To this end, this economics course will prepare students to make rational economic choices both in their own lives and for the greater community. This course will focus on the fundamental elements of economics including micro and macro economics, with an emphasis on real world applications. A combination of projects, class discussions, outside readings, speakers, research, and videos will help students understand key economic principles.

AP Macroeconomics (6190)
Gr. 12 | 2nd Semester | .5 Credit
This Advanced Placement economics course is a one-semester survey course of macroeconomic concepts. Macroeconomics is the branch of economics that seeks to understand economy-wide phenomena such as unemployment, inflation, the business cycle, and economic growth, and the policies national governments can use to address these issues. Students will learn about core economic concepts, how to measure an economy's economic performance, the forces that determine the level of a country's production and prices, the financial sector, policies that promote economic growth and stability, and the impact of international trade and international finance on national economies. Students in this course are required to take the AP Macroeconomics exam scheduled in May. There is an additional fee for this examination. Only offered Spring Semester

Prerequisite: US History grade of A- or AP US History grade of B+.

Government (6070)
Gr.12 | 1st or 2nd Semester | .5 Credit
NCAA
Government is taught as a semester-long course for seniors. In studying the emergence of a particular form of government and the processes by which the United States formed a constitutional republic, students will be invited to reflect on the possibilities inherent in democratic institutions. Close readings and research of the textual traditions of the Constitution of the U.S. will aid in developing thick descriptions of the principles and practices of the U.S. Government. Through media literacy and an understanding of political power students will also be encouraged toward civic engagement.



AP US Government and Politics (8622)
Gr. 12 | 1st Semester | .5 Credit
This Advanced Placement United States Government and Politics course is a one-semester survey course designed to give students a background of our nation's government, and explore how ideas over 200 years old work today. Students will not only explore how the US government functions, but the outside forces that work to create change as well. Students will evaluate and debate current news, run simulations based on real events, and potentially have opportunities to meet with local and state political leaders. Students in this course are required to take the AP US Government and Politics exam scheduled in May. There is an additional fee for this examination. A syllabus including required summer readings will be provided for students enrolled in this course. Only offered Fall Semester.

Prerequisite: US History grade of A- or AP US History grade of B+.

Criminal Justice (6085)
Gr. 11, 12 | 1st or 2nd Semester | .5 Credit
NCAA
Criminal Justice is a semester-long course that introduces students to the dynamics of the American system of criminal justice. This course will cover criminology, aspects of sociology and psychology, political science, and current society along with historical events. Throughout this course, we will be exploring the three themes of society, public policy, social systems, and American values. This course will allow students to have a more holistic view of the country and justice system that surrounds us.

Philosophy (6075)
Gr. 11, 12 | 1st or 2nd Semester | .5 Credit
NCAA
From A to Z (or in philosophical terms) from Aristotle to Zizek, this semester-long course aims to cover the history, development, and practice of philosophical traditions. Through engagement with pre-socratic and post, medieval, modern, and postmodern readings, students will engage in a literal tour of ancient ideas that reshaped the world and modern philosophical shifts that continue to turn and maneuver in new ways. This course insists on dialog and exploration of logic, sound augments, and deep analysis. As Nancy Murphy put it, "In philosophy we are practicing to aim." Topics will include epistemology, metaphysics, ethics, aesthetics, language, literature, and more.

Psychology (6090)
Gr. 11, 12 | 1st or 2nd Semester | .5 Credit
NCAA
Why do we have dreams when we sleep? Is our brain capable of rewinding and replaying the information we have previously learned? This elective course attempts to address these questions and more as students investigate selected topics within the diverse field of psychology. The primary topics of study include: learning, intelligence, language, sleep and dreams, memory, personality, and mental disorders. An overall view of the field of psychology, as well as a research methodology unit is included. Demonstrations, simulations, and case studies will provide students with an opportunity to evaluate psychological theory.

AP Psychology (6091)
Gr. 11, 12 | All Year | 1 Credit
NCAA
AP Psychology is a rigorous and challenging college-level class that encourages students to understand more about themselves and their peers. This study of behavior and mental processes will require student mastery of technical reading and writing as it relates to key course concepts. Course content includes research methods, consciousness, motivation and emotion, personality, and much more! Students in this course are required to take the AP exam in Psychology for possible college credit. There is an additional fee for this examination and it will be applied to your Blackbaud Tuition Management account.

Prerequisite: B+ average in Social Studies classes



SPANISH

Spanish I (3211)
Gr. 9, 10, 11, 12 | All Year | 1 Credit
NCAA
Spanish I is a course for students who are new to Spanish. Focus is on the four language proficiencies: listening, speaking, reading, and writing. Students develop skills to communicate effectively in real life situations and build a foundation for greater fluency in successive years of study. Computer-assisted language learning experiences provide opportunities for individual practice and self-paced skill development. Students learn about differences and similarities of Hispanic and other cultures and explore the traditions of Catholicism in Spanish speaking countries.

Spanish II (3231)
Gr. 9, 10, 11, 12 | All Year | 1 Credit
NCAA
Learning another language is progressive. Spanish II students continue to develop the four communication skills. They increase their vocabulary and practice strategies for understanding, speaking, reading, and writing in Spanish. There is a continued increase in the level of grammar. They use computers to practice new language skills, to complete projects, and to access authentic linguistic and cultural materials in the Spanish language. Students explore the rich heritage of Hispanic communities throughout the world, including traditions of Hispanic culture in the United States.

Prerequisite for students in grade 9: Completed Spanish I in 8th grade with a B+ average and completion of placement test

Spanish III (3251)
Gr. 9, 10, 11, 12 | All Year | 1 Credit
NCAA
Students continue to develop their listening, reading, writing, and speaking proficiencies and practice using the language in a variety of everyday situations. The level of grammar continues to increase including the Indicative and subjunctive expressions. Interpersonal activities are conducted in class where students can practice their speaking skills. A variety of interpretive skills such as authentic readings and listening exercises are used. Oral presentations are completed by students in class to further their proficiency in speaking and their understanding of culture through a variety of topics and cultural comparisons. Computer devices are required as a tool in the Spanish classroom for a variety of practices in the language. They are used for practicing language skill activities, projects, and to access authentic linguistic and cultural material in the Spanish language. Much of the class is conducted in Spanish.





Honors Spanish IV (3271)
Gr. 9, 10, 11, 12 | All Year | 1 Credit
NCAA

Spanish IV students reinforce language concepts through more complex interpersonal communication, interpretive exercises, and presentations. Students practice more impromptu speaking, longer oral presentations that are not scripted, and more complex writings such as stories, essays, and cultural comparisons. Computer devices are required for class at this level to use with the online curriculum resources, practices, and assessments.

Prerequisite: B or higher both semesters in Spanish III

Honors Spanish V (3281)
Gr. 9, 10, 11, 12 | All Year | 1 Credit
NCAA

This is an advanced Spanish course for high school students who have completed 4 units of study. As such, the course will emphasize advanced communication and listening skills. Reading at an advanced level will consist of articles of varying topics and lengths and will stress comprehension. Writing skills will be enhanced to include personal narratives with emphasis on improved grammar. Previously learned structures will be reviewed and reinforced, while advanced grammatical structures will be introduced for continued growth in the language. Students will add to their already extensive vocabulary bank with an emphasis on words necessary for improved communication skills. Students will also continue to learn about the many cultures of the Spanish-speaking world.

Prerequisite: B or higher both semesters in Spanish IV

AP Spanish (3291)
Gr. 12 | All Year | 1 Credit
NCAA

Welcome to the Advanced Placement Spanish Language class! ¡Bienvenidos! The high school AP Spanish Language course is rigorous; fast paced, is conducted entirely in Spanish, and is comparable to a second or third year college level class. Students are expected to use exclusively the Spanish language both with their teacher and with peers. The curriculum of this intense, college-level class is designed according to the College Board AP Spanish Language Course Requirements, and is intended to reinforce and sharpen students' language and critical thinking skills across three communicative modes: Interpersonal, Interactive, and Presentational. Students will gain greater competence not only in the Spanish language and literature, but also in social, environmental, and cultural issues. Students in this course are required to take the College Board AP Spanish Language Examination in May. There is an additional fee for this examination that will be applied to your Blackbaud Tuition Management account.

Prerequisite: Completed Spanish courses I – IV or equivalent. B+ average in Spanish through junior year

PROGRAM FOR ADVANCED COLLEGE CREDIT (PACC)

Saint Mary's University of Minnesota's Program for Advanced College Credit (PACC) is partnering with Lourdes to bring Saint Mary's undergraduate-level courses into our high school. Earning college credit for a fraction of the cost of tuition, participating students can expect the same workload, learning activities, projects, and exams as the courses taught to first-year students at Saint Mary's. PACC courses will be taught by Lourdes faculty on the Lourdes campus. Students selecting the PACC option for these courses will be required to pay a fee of $100 per college credit. Fees are due in October or February and are applied to the student's Blackbaud Tuition Management account.

To ensure a quality learning experience and efficient resource allocation, these courses are offered contingent upon meeting a minimum enrollment threshold. If the number of registered students falls below this minimum, the course may be cancelled, and all students will be automatically enrolled in the AP alternate option with the exception of Religion courses.



College Writing (2111)
Gr. 11, 12 | All Year | 1 Credit
SMU Equivalent: E130: First Year Writing | 3 College Credits
College Writing is offered as a concurrent enrollment course through Saint Mary's University and focuses on advancing the writing ability of students by developing their analytical processing of information as well as crafting personal, stylistic choices. Students will encounter highly regarded works of non-fiction from various sources, implement similar practices in their own writing, and strive to refine their created content. The course will be broken into four main units, each comprised of reading and writing within the category: rhetoric and persuasion, claims and evidence, reason and logic, style and prose. Upon completion, students will possess the skills to research, argument, and revise their writing at a collegiate level. In order to take this course for college credit, when registering with Lourdes, students must also register through Saint Mary's PACC when asked to do so by Lourdes and a $300 fee will be applied to your Blackbaud Tuition Management account.

Prerequisites: A- average in English or B+ in Honors English first two/three years

**There is also an AP option for this course.*

Advanced Fiction (2101)
Gr. 12 | All Year | 1 Credit
SMU Equivalent: E175: Introduction to Literature | 3 College Credits
Advanced Fiction is offered as a concurrent enrollment course through Saint Mary's University and focuses on a rigorous study of imaginative literature across different mediums and historical periods. Students will survey fiction through novels, short stories, dramas, and poetry. They will build on writing skills and textual analysis from previous courses to unfold the ways authors command language and derive meaning within their work. In addition, students will demonstrate their understanding of figurative language, literary elements, and comprehension through various essay formats. Upon completion, students will possess the skills to analyze, reflect, and provide insight into fictional works at a collegiate level. In order to take this course for college credit, when registering with Lourdes, students must also register through Saint Mary's PACC when asked to do so by Lourdes and a$400 fee will be applied to your Blackbaud Tuition Management account.

Prerequisites: B+ in English first three years

**There is also an AP option for this course*

Biological Connections
Gr. 11, 12 | All Year, 3-Mod Course | 1 Credit
SMU Equivalent: B150—Biological Connections | 3 College Credits
NCAA
Biological Connections is designed to be the equivalent of a college level introductory biology course taken by biology majors their freshman year. Students must have a strong level of interest in biology, have demonstrated success in previous science courses, and possess the ability to learn independently outside of regularly scheduled class time. Students should expect to spend a minimum of 5 additional hours of work time outside of class per week. Topics covered include everything covered in Biology, as well as genetic regulation, the history of life of earth, the origin and diversification of eukaryotes. In order to take this course for college credit, when registering with Lourdes, students must also register through Saint Mary's PACC when asked to do so by Lourdes and a $300 fee will be applied to your Blackbaud Tuition Management account.

Prerequisite: Honors Chemistry grade of A- or higher both semesters, Biology grade of B+ or higher both semesters, Algebra II grade of B+ or higher both semesters

**There is also an AP option for this course.*

Thinking Theologically (5065)
Gr. 12 | 1st or 2nd Semester | .5 Credit
SMU Equivalent: TH 111-Thinking Theologically | 3 College Credits
This course wonders at a fundamental question throughout the long history of human beings: How do we make sense out of our experience of the Presence of God? We are challenged to think carefully and rigorously in pursuit of truth and knowledge; to notice how great thinkers have challenged themselves and others in suggesting answers to the question. We will observe the ways that human experience causes us to ask questions, and the ways that our questions are shaped and focused as we navigate the human relationship to God as it is described especially in Judeo-Christian tradition, but by comparison with some other traditions as well.

Prerequisite: 3.0 Cumulative GPA

**This course is only offered through PACC.*







SAINT MARY'S UNIVERSITY (SMU) AT ROCHESTER CASCADE MEADOW CAMPUS

Biology Field Experience and Environmental Biology (5995)
Gr. 12 | 1 Semester, 4-mod course | 4 college credits
This is a hybrid course package through Saint Mary's University that includes an on-site laboratory component and an online course component.

The lab component will be held at Saint Mary's University at Cascade Meadow (SMU Course B221) and the online component (SMU B105) will be available asynchronously. Students must enroll in both courses concurrently.

Students must meet the St. Mary's PSEO requirements and must complete a PSEO application to apply for the course. There is a fee of $645 for B221 and it will be applied to your Blackbaud Tuition Management account. B105 will be taken as a PSEO course so there is no fee for those credits. Students must complete the PSEO application by May 9, 2026.

This PSEO course is offered contingent upon meeting a minimum enrollment threshold. If the number of registered students falls below the minimum, the course will be cancelled, and students will be asked to select an alternative course. This course is part of a biennial rotation and is only offered every other school year. It will not be offered for the 2027-2028 school year.

B105 Environmental Biology (PSEO) | 3 credits
The human position in the biological world and responsibility for living in reasonable harmony with the environs is the focus of this course. Beginning with an overview of major ecological principles governing all ecosystems, consideration is then given to such problems as population expansion, natural resources, pollution, conservation and environmental health. Must be concurrently enrolled in B221 Biology Field Experience.
Concurrent registration in B221 is required.

B221 Biology Field Experience | 1 credit
This is a general biology laboratory course that is an inquiry-based field experience. Students will use scientific process to solve problems. This may include generating hypotheses, designing meaningful experiments, controlling variables, gathering relevant data, interpreting results, and drawing conclusions.
Concurrent registration in B105 is required.



PUBLIC SAFETY

Firefighter I & II Gr. 12 | All Year | 1 Credit
This course is a partnership with the Rochester Fire Department and Riverland Community College. This is a blended learning course where the course lecture work is completed online and the hands-on training is scheduled on weekends or days off from school. Hands-on skills training occurs on seven Saturdays for 8 hours each day of the nine-month course and includes training on hoses, foam, search and rescue, ladders, extinguishers, and a live burn. Upon successful completion of this course, students will be eligible to take the MN Fire Services Certification Board Exam once they are at least 18 years old. Students may also be eligible to earn nine college credits through Riverland Community College. Please note that this course actually includes three individual courses, but together run the entire school year. Courses included in this are Firefighter I, Hazardous Materials, and Firefighter 2. Additional fees will apply and enrollment is limited.

Prerequisite: Good academic standing (3.0 GPA or higher). ***This course does require weekend commitments.***

POST SECONDARY ENROLLMENT OPTION

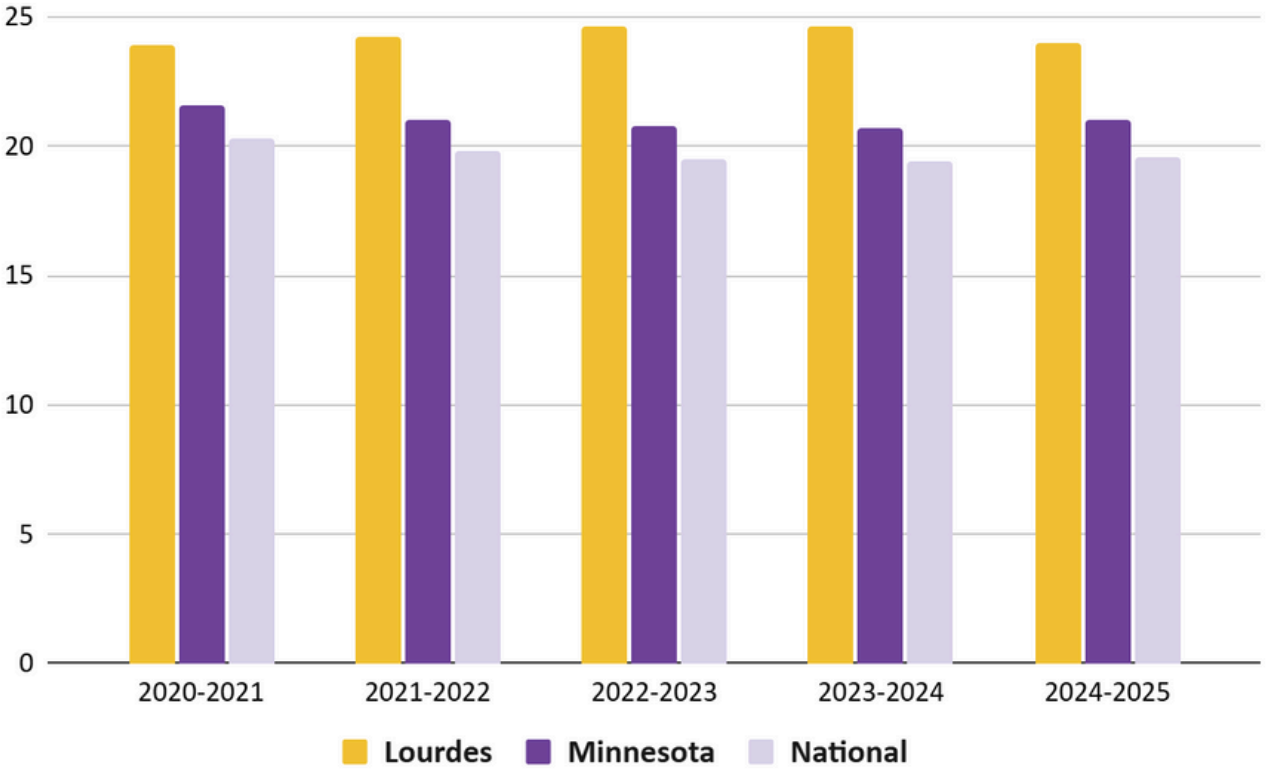
The Post Secondary Enrollment Options Program allows juniors and seniors to take courses at a liberal arts, community, or technical college in Minnesota for high school credit. If a student is taking a PSEO course, that student must be enrolled in a minimum of 7 total classes between the college and Lourdes High School. If a course is offered at Lourdes or through PACC, students cannot take that course through PSEO. There is no extra cost for students to take a PSEO course. Seniors must have a 2.5 cumulative GPA, juniors a 3.0 GPA, and the course(s) must fit into the student's schedule at Lourdes. All PSEO course grades will appear on the student's Lourdes transcript and academic eligibility rules apply.

Students considering this option are expected to be responsible, motivated and independent learners. Students who are planning on doing PSEO for the 2026-2027 school year must have their paperwork to the Counseling Office by May 8, 2026. PSEO Lourdes high school agreement form is required for all requests to be considered. For more information contact your student's counselor. The Lourdes deadline to register is May 8, 2026.

STUDENT SUCCESS CENTER

The primary purpose of the Student Success Center is to help students develop learning strategies and to work on individual assignments. Teachers staff the learning center each day and students may request to be scheduled in or be referred by teachers. Any of these students may use the Student Success Center to study, use a computer or to read. Students with a LHS Diocesan Learning Plan are required to come in as scheduled.

ACT Composite Comparison - Class of 2024



2020 - 2025

AP Exams

140 students took a total of 195 exams

92% of students earned a score of 3+ providing the opportunity to earn college credit

14 AP Scholars (3+ on 3 or more exams)

4 AP Scholars with Honor (3+ on 4 or exams)

1 AP Scholars with Distinction (3+ on 5 or more exams)

National Merit Recipients

In the past five years, 11 seniors have been recognized by the National Merit Foundation, including 8 Commended Scholars and 3 Semi-Finalists. Most juniors take the Preliminary Scholastic Aptitude Test (PSAT).

SPECIAL PROGRAMS
Student Retreats/Peer Ministry
Mentorship
National Honors Society
Student Ambassadors

25 CLUBS
including yearbook • art club
debate team • math league
student council • chess club
Aevidum • CAM club
tomorrow club

20 TEAM SPORTS
# of participants:
fall sports - 201
winter sports - 82
spring sports - 173

MUSIC
Marching Band • Center Street Singers • Hi Lighters • Jazz Band • Winter Drumline

COLLEGE ACCEPTANCES - CLASS OF 2025

4-year colleges: 87.9%, 2-year colleges: 5.2%, Military: 1.7%, Employment: 1.7%,
Gap year: 3.4%

Augsburg University*
Augustana University
Baylor University
Bates College
Benedictine College
Berklee College of Music*
Boston University&
Bowdoin College
Butler University
Carleton College*
Carroll University
Catholic University of America
Central Washington University
College of St. Benedict & St. John's*
Concordia University - St Paul
Creighton University*
Dakota County Technical College*
Drake University
Florida Atlantic University
Florida Gulf Coast University*
Grand Canyon University
Gustavus Adolphus College
Henderson State University*
Illinois State University
Indiana University - Bloomington
Iowa State University*
Lawrence University
Luther College*
Michigan Technical University
Middle Tennessee State University
Minneapolis Community and Technical College*
Minnesota State University - Mankato*
Marquette University
Michigan Technological University
North Dakota State University
Oklahoma University
Rochester Community and Technical College*
Salve Regina University
St. Mary's University of Minnesota
South Dakota State University
St. Catherine University
St. Louis University
St. Olaf College*
St. Thomas University
Temple University*
University of Cincinnati
University College of Dublin*
University of Houston
University of Iowa*
University of Loyola
University of Minnesota Duluth
University of Minnesota Rochester*
University of Minnesota Twin Cities*
University of New Mexico*
University of North Dakota*
University of Northwestern
University of Notre Dame
University of South Florida
University of St. Thomas*
University of Tampa
University of Wisconsin Eau Claire
University of Wisconsin La Crosse*
University of Wisconsin Madison*
University of Wisconsin Platteville*
University of Wisconsin River Falls
University of Wisconsin Stout*
University of Wyoming
University of Vermont
Villanova University
Viterbo University*
Winona State University*

** 2025 Graduate Matriculated*

LOURDES HIGH SCHOOL

A Rochester Catholic School

Founded in 1877, Lourdes is a comprehensive four-year college preparatory high school enrolling 342 students in grades 9 through 12. Lourdes offers a challenging curriculum with course offerings representing a wide range of academic abilities and interests. Lourdes High School strives to be a Christian community committed to excellence, supporting and developing responsibility and respect for all.

Rochester is a community of approximately 115,000 located in southeast Minnesota. The culturally rich and diverse city has a high proportion of the population employed in the medical, research, engineering, and technology professions influenced by the largest employer, Mayo Clinic.

President:
Tina Monosmith

Principal:
Mary Spring

Director of Counseling:
Sarah Groven

Activities Director:
John Volesky

2800 19th Street NW
Rochester, MN 55901
(507) 289-3991
WWW.RCSMN.ORG/LHS
School CEEB Code: 242102



CURRICULUM

Lourdes offers a challenging curriculum with course offerings representing a wide range of academic abilities and interests.

AFFILIATION: Catholic

ACCREDITATION: Cognia (formerly AdvanceED)

ENROLLMENT: 316

AVERAGE CLASS SIZE: 23

STUDENT/FACULTY RATIO: 11:1

FACILITIES INCLUDE:
Chapel, Campus Ministry Center, 4 science laboratories, Engineering laboratory, Gymnasium, Weight training rooms, Student Success Center

FINE ARTS WING FEATURING: band room, choir room, black box theater, auditorium, ceramics studio

GRADUATION REQUIREMENTS

English	4.0 credits
Religion	4.0 credits
Social Studies	3.5 credits
Science	3.0 credits
Mathematics	3.0 credits
Phy Ed	1.0 credit
Fine Arts	1.0 credit
Health	0.5 credit
Language	2.0 credits
Electives	4.0 credits

Students take 7 to 8 classes each semester. Classes meet in a flexible modular schedule.

ADVANCED PLACEMENT & HONORS COURSES

ART
AP Studio Art

ENGLISH
AP Language and Composition, AP Literature Composition, Honors English II

MATHEMATICS
AP Calculus AB, AP Calculus BC, AP Statistics, Honors Geometry, Honors Algebra II, Honors Pre-Calculus and Trigonometry

MUSIC
AP Music Theory

SCIENCE
AP Biology, Honors Chemistry, Honors Anatomy and Physiology

SOCIAL STUDIES
AP Human Geography, AP Psychology, AP US History

WORLD LANGUAGE
AP Spanish, Honors Spanish IV, Honors Spanish V

Post-secondary enrollment is available to juniors and seniors by application at local colleges.

Program for Advanced College Credit (PACC) is available through St. Mary's University of MN.



LOURDES HIGH SCHOOL

A Rochester Catholic School