

# COLLEGE DIVERSITY



## College Acceptances 2019

Adrian College	Davenport University	Mercyhurst University	Southern Methodist University	University of Florida
Albion College	DePaul University	Miami University (OH)	St. Louis University	University of Illinois
Alma College	Earlham College	Michigan State University	Stevens Institute of Technology	University of Kentucky
Anna Maria College	Eastern Michigan University	Michigan Technological University	Syracuse University	University of Miami
Arizona State University	Ferris State University	Northern Michigan University	Texas Christian University	University of Michigan
Auburn University	Fordham University	Northwood University	The Ohio State University	University of Michigan Dearborn
Baylor University	George Mason University	Oakland University	The Pennsylvania State University	University of Michigan Flint
Belmont University	George Washington University	Parsons School of Design	Trine University	University of Notre Dame
Boston College	Gonzaga University	Pepperdine University	Tufts University	University of Oregon
Boston University	Grand Valley State University	Pratt University	US Marine Corp.	University of San Francisco
Butler University	Heidelberg University	Purdue University	University of Akron	University of South Carolina
Calvin College	Hillsdale College	Regis University	University of Alabama	University of Southern California
Central Michigan University	Hope College	Rensselaer Polytechnic Institute	University of Arizona	University of Tampa
Chapman University	Indiana University	Rochester Institute of Technology	University of California-Davis	University of Tennessee Knoxville
Clemson University	Iowa State University	Rochester University	University of California-Irvine	University of Wisconsin
College of Creative Studies	John Carroll University	Rose-Hulman Institute of Technology	University of Colorado-Boulder	Valparaiso University
College of Wooster	Kalamazoo College	Rutgers University	University of Connecticut	Villanova University
Colorado School of Mines	Kettering University	Saginaw Valley State University	University of Dallas	Wayne State University
Colorado State University	Lawrence Technological University	Santa Clara University	University of Dayton	Western Illinois University
Columbia College Chicago	Loyola University Chicago	Savannah College of Art and Design	University of Delaware	Western Michigan University
Concordia University	Madonna University	Seton Hall University	University of Denver	Worcester Polytechnic Institute
Connecticut College	Marquette University	Siena Heights University	University of Detroit Mercy	Xavier University

# OPPORTUNITY



St. Mary's Preparatory has a unique partnership with Madonna University and Lawrence Technological University who each house a branch on our campus. St. Mary's Prep students are able to take actual college classes, and graduate with a Madonna University and Lawrence Tech transcript, reflective of the courses they have taken and grades they have earned.

### Courses Description

#### Calculus with Analytic Geometry I. (5 credits)

Topics include a study of limits, continuity, derivatives of algebraic and transcendental functions, applications of derivatives, integrals, and the Fundamental Theorem of Calculus.

#### Calculus with Analytic Geometry II. (5 credits)

Topics include a study of methods of integration, applications of integrals, sequences, series and power series, parametric curves, and polar coordinates.

#### College Composition I. (3 credits)

Study and practice of strategies for academic writing, with a focus on writing and reading descriptive, narrative, and expository essays. Emphasis on writing as a process. Introduction to information literacy.

#### College Composition II. (3 credits)

Study and practice of strategies for academic writing, with a focus on writing and reading persuasive and argumentative essays. Continued emphasis on writing as a process. Development of information literacy skills, as applied to writing a substantial research paper. An exit portfolio, to be scored by at least two Composition instructors is required for successful completion of the course.

#### General Biology I. (3 credits)

A course for non-science majors, presenting biological concepts influencing individual decisions affecting community structure and the state of the world. Lecture 3 hours, Laboratory 3 hours.

#### General Biology II. (3 credits)

Fundamental biological principals and problems as they apply to evolutionary theory, biosystematics, plant structure and function, animal behavior, and ecological concepts. Lecture 3 hours, laboratory 3 hours.

#### Introduction to Engineering. (2 credits) - Fall 2019

Survey of the scope engineering and the engineer's role his in society. Basic engineering tools such as math modeling, calculator usage and graphic design principles. Design project involving teamwork required.

#### Introduction to Engineering. (2 credits) - Spring 2020

An integrated course in engineering graphics for ail students in the College of Engineering. Introduction to graphics in design, fundamentals of orthogonal projection and experience in applying these principles to the solution of space problems. ACAD software. Student will get credit and certificate for CAD.

#### Introduction to Psychology. (3 credits) - Spring 2019

Introduction to the study of motives at work in human behavior; understanding of perception, reasoning, memory, consciousness, intelligence, psychopathology, and individual differences.