

ARRUPE COLLEGE

Mission Statement

Arrupe College is a two-year college of Loyola University Chicago that continues the Jesuit tradition of offering a rigorous liberal arts education to a diverse population, many of whom are the first in their family to pursue higher education.

Using an innovative model that ensures affordability while providing care for the whole person—intellectually, morally, and spiritually—Arrupe prepares its graduates to continue on to a bachelor's program or move into meaningful employment. Heeding the call of its namesake, renowned Jesuit leader Pedro Arrupe, S.J., the college inspires its students to strive for excellence, work for justice, and become “persons for others.”

Arrupe Programs

- Business Administration (AA) (<https://catalog.luc.edu/undergraduate/arrupe/business-administration-aa/>)
- Liberal Arts (AA) + Bilingual/Bicultural Education (B.S.Ed.) (<https://catalog.luc.edu/undergraduate/arrupe/liberal-arts-aa-bilingual-bicultural-education-bsed/>)
- Liberal Arts with a Concentration in Communication (AA) (<https://catalog.luc.edu/undergraduate/arrupe/liberal-arts-aa-communication-concentration/>)
- Liberal Arts with a Concentration in English (AA) (<https://catalog.luc.edu/undergraduate/arrupe/liberal-arts-aa-english-concentration/>)
- Liberal Arts with a Concentration in History (AA) (<https://catalog.luc.edu/undergraduate/arrupe/liberal-arts-aa-history-concentration/>)
- Liberal Arts with a Concentration in Pre-STEM (AA) (<https://catalog.luc.edu/undergraduate/arrupe/liberal-arts-aa-pre-stem-concentration/>)
- Social and Behavioral Sciences (AA) + Nursing (BS) (<https://catalog.luc.edu/undergraduate/arrupe/social-behavioral-sciences-aa-nursing-bs/>)
- Social and Behavioral Sciences with a Concentration in Criminal Justice (AA) (<https://catalog.luc.edu/undergraduate/arrupe/social-behavioral-sciences-aa-criminal-justice-concentration/>)
- Social and Behavioral Sciences with a Concentration in Political Science (AA) (<https://catalog.luc.edu/undergraduate/arrupe/social-behavioral-sciences-aa-political-science-concentration/>)
- Social and Behavioral Sciences with a Concentration in Psychology (AA) (<https://catalog.luc.edu/undergraduate/arrupe/social-behavioral-sciences-aa-psychology-concentration/>)

Learning Outcomes

1. Communication: You will communicate effectively, using written, oral, and visual modes appropriate to your audience and purpose.
2. Quantitative Reasoning: You will understand, analyze, and evaluate numerical data and use it to draw or evaluate conclusions.
3. Critical Thinking: You will analyze, synthesize, and evaluate diverse information, ideas, and perspectives in a contextually appropriate manner. You will demonstrate an awareness of your own thinking and decision-making processes, and their importance in academic and non-academic settings.

4. Ethical Reasoning: You will demonstrate historically grounded awareness of ethical concepts and frameworks. You will evaluate, articulate, and apply ethical reasoning in decision-making, showing awareness of the intersectional² and historical nature of the relationships/situations being studied.
5. Social Justice: You will reflect on social, political, and historical events, contexts, and norms that lead to injustice, and then articulate responses that respect and promote the welfare of all beings in global and intersectional² communities.
6. Diversity, Equity, and Inclusion: You will connect academic knowledge to lived experience in order to identify and critique how diverse thinkers¹ contribute to knowledge in and outside academia.

¹ "Diverse thinkers" refers to the many dimensions of human identity and experience as defined in intersectionality, below.

² Intersectionality addresses multiple contexts, such as gender, sexuality, race, class, culture, religion, and disability, with attention to power structures that have privileged some identities over others.

Arrupe College Policies

The Arrupe Student Academic Standards and Regulations (<https://catalog.luc.edu/academic-standards-regulations/arrupe/>) is a resource guide to help you:

- Learn about Arrupe College's innovative Associate of Arts degree program;
- Find information about procedures that relate to academic progress and standing; and
- Understand important policies to help you successfully complete your degree program.

We produce this handbook so that you have the information you need all in one place. Please review its contents carefully when referencing policies that may affect you. If any questions arise, please reach out to your advisor or dean(s) for clarification.

From time to time, these policies and their accompanying forms will be updated to align with the needs of the College and its students. All students will be held to the most current academic policies and regulations.

Undergraduate Policies and Procedures

Please see Undergraduate Policies and Procedures (<https://catalog.luc.edu/academic-standards-regulations/undergraduate/>) for academic policies that supersede those of academic units within the University.

ACACT 201 Introductory Accounting I (3 Credit Hours)*Co-requisites:* ACMAT 117

The major emphasis is on the development and reporting of accounting information for use by investors, creditors, and others. The student is required to develop skills in the preparation and use of accounting information and must demonstrate an understanding of the accounting process, and be able to evaluate the impact of estimates, alternative accounting principles, and the limitations of the accounting model on accounting information. Topics include preparation and use of financial statements, the accounting process, and the measurement and reporting of income, assets, liabilities, and owners' equity.

IAI code: BUS 903*Course equivalencies:* ACCT201/201H/CPST310/ACACT201*Outcomes:*

The student will be able to understand the underlying principles, design, concepts, limitations, and the necessity of accounting systems; The student will gain an appreciation of the uses of financial data and financial statements and their impact on business decisions

ACACT 202 Introductory Accounting II (3 Credit Hours)*Pre-requisites:* ACACT 201

This course highlights the differences between financial accounting and managerial accounting. The course begins by completing the study of transactions and events affecting financial statements. The cash flow statement is then explored in some detail. Finally, financial statement analysis as traditionally practiced, is considered a capstone for financial accounting. The course then focuses on the use of accounting data by management. Product costing in a manufacturing setting, assigning of costs to objects, learning how costs behave, and the use of accounting data by management in planning operations, controlling operations, and in short term decision making are all investigated.

IAI code: BUS 904*Course equivalencies:* ACCT202/ACCT202H/ACACT201*Outcomes:*

The student will be able to understand the differences between cash and accrual accounting, the use of ratio analysis in investing and managing decisions, the value and importance of identifying and allocating costs, and the methods involved in the budgeting process

ACBIO 101 General Biology I (3 Credit Hours)*Co-requisites:* ACBIO 111

General Biology I is a 3-credit lecture course that introduces the fundamental principles of Biology focusing the fields of cell structure and function, molecular genetics, and evolution. Topics covered in the course include introductory chemistry, cell structure and function, cellular communication, metabolic processes, cellular reproduction, and introductory genetics. Students will be able to demonstrate an understanding of matter, energy, and organization in living systems. 2. Students will be able to demonstrate an understanding of the biochemistry and metabolism of organisms. 3. Students will be able to demonstrate and understand the fundamental concepts of cell structure, function, and processes. 4. Students will be able to explain the major concepts of molecular genetics, including the flow of genetic information from DNA to RNA to proteins and how changes in genes impact cellular function, organismal health, and evolutionary trajectories.

Course equivalencies: ACBIO 101 / BIOL 101*Outcomes:*

1

ACBIO 102 General Biology II (3 Credit Hours)*Pre-requisites:* ACBIO 101 and ACBIO 111 with grade of C- or better*Co-requisites:* ACBIO 112

General Biology II is a 3-credit lecture course that introduces the fundamental principles of Biology focusing the fields of evolution and evolutionary history, plant structure and function, animal form and function. Topics covered in the course include evolutionary processes, speciation, history of life on earth, plant biology, soils, homeostasis, animal biology, mammalian organ systems, community ecology, and environmental challenges as scientific and social problems. Students will be able to demonstrate an understanding of biological evolution and differentiate between the processes of evolution. 2. Students will be able to demonstrate an understanding of the evolutionary history of life on Earth. 3. Analyze the functions and interrelationships of various organismal systems including plant structure and function, and animal form and function. 4. Explain major concepts of ecology including nutrient cycling, trophic levels, population dynamics, and biodiversity.

Course equivalencies: ACBIO 102 / BIOL 102*Outcomes:*

1

ACBIO 111 General Biology I Lab (1 Credit Hour)*Co-requisites:* ACBIO 101

General Biology I Lab is a 1-credit laboratory course that introduces students to the fundamental principles of organismal biology. Differentiate between the major taxonomic groups. 2. Make comparisons in cell structure and function among selected organisms. 3. Identify characteristics of selected organisms and understand the evolutionary and ecological relationships among taxonomic groups. 4. Demonstrate the ability to use current research techniques and instruments to study the diversity of organisms at the microscopic and macroscopic level.

Course equivalencies: BIOL 111/ACBIO 111*Outcomes:*

1

ACBIO 112 General Biology II Lab (1 Credit Hour)*Pre-requisites:* ACBIO 101 and ACBIO 111 with a grade of C- or better*Co-requisites:* ACBIO 102

General Biology lab is a 1-credit laboratory course that introduces the fundamental principles of Biology focusing on evolutionary principles and processes, cell structure and function, plant and animal biological processes, and ecological principles. Differentiate between the major taxonomic groups. 2. Make comparisons in cell structure and function among selected organisms. 3. Identify characteristics of selected organisms and understand the evolutionary and ecological relationships among taxonomic groups. 4. Demonstrate the ability to use current research techniques and instruments to study the diversity of organisms at the microscopic and macroscopic level.

Course equivalencies: ACBIO 112 / BIOL 112*Outcomes:*

1

ACCHM 100 Introductory Chemistry (3 Credit Hours)

A course emphasizing the general principles and theories of chemistry, including fundamentals of inorganic chemistry, atomic structure and states of matter, bonding, stoichiometry, acid-base concepts, periodicity and solution chemistry.

Outcomes:

Understand the structure of matter and the chemical changes it undergoes, and predict those changes based on the periodic nature of the elements; Solve problems using chemical calculations concerning mass or concentration; Describe strong and weak acids and bases, and carry out related calculations; Develop the academic skills needed for future science courses including problem-solving, taking and reviewing notes, and multiple choice exams

ACCHM 101 General Chemistry I (3 Credit Hours)

Pre-requisites: ACMAT 117 (C- or higher); *Corequisite:* ACCHM 111

This course focuses on building a conceptual understanding of fundamental chemical principles. Topics include the periodic table of the elements, atomic structure, nuclear chemistry, basic concepts of quantum theory, bonding, stoichiometry of compounds and reactions, thermochemistry, solutions, acids and bases, and the gaseous state.

Course equivalencies: ACCHM / CHEM 101

Outcomes:

Build conceptual understanding of fundamental chemical principles

ACCHM 102 General Chemistry II (3 Credit Hours)

Pre-requisites: ACCHM 101 and ACMAT 118; *Corequisite:* ACCHM 112

Topics include the basic concepts of the liquid and solid states, solutions, reaction kinetics, equilibria, acid-base equilibria, solubility equilibria, reaction thermodynamics, and electrochemistry.

Course equivalencies: ACCHM / CHEM 102

Outcomes:

Continue building on conceptual understanding of fundamental chemical principles

ACCHM 111 General Chemistry Lab I (1 Credit Hour)

Co-requisites: ACCHM 101

This laboratory course translates theory and topics covered in the lecture (ACCHM 101) to application. Students will be introduced to basic chemical laboratory skills and techniques. Topics include lab safety, measurements and calculations, basic statistics, pH and titration, calorimetry, spectrophotometry, and a variety of chemical reactions.

Course equivalencies: ACCHM / CHEM 111

Outcomes:

Students will be able to apply proper lab safety and proper procedures for handling and disposal of chemicals, demonstrate proper manipulation of common equipment, as well as use and understand selected instrumentation

ACCHM 112 General Chemistry Lab II (1 Credit Hour)

Co-requisites: ACCHM 102

The second semester of general chemistry laboratory exposes students to qualitative analysis and continues the process of experimenting and collecting data to test the validity of theories and models presented in lecture, including the liquid and solid states, solutions, equilibrium, acid-base equilibria, solubility equilibria, kinetics, thermodynamics, and electrochemistry.

Course equivalencies: ACCHM / CHEM 112

Outcomes:

Formulate or evaluate hypotheses, plan and conduct experiments, make systematic observations, interpret and analyze data, draw conclusions, and communicate results

ACCOM 101 Public Speaking & Critical Thinking (3 Credit Hours)

This course is designed to supply students with an understanding of critical thinking practices, foundational tenets of communication theory, the skills of public address and persuasion, the role of visual aids in effective presentation, and a sense of the social responsibility that comes with the capacity for communication.

IAI code: C2 900

Course equivalencies: ACCOM 101/103 COMM 101/103

Outcomes:

Students gain skills in public speaking, preparing a presentation, including visual aids, and critical listening, thinking, and speaking

ACCOM 103 Business and Professional Speaking (3 Credit Hours)

Through theory and practice, the course will explore oral presentation in business and professional situations, including message design and audience analysis of organizations. Students will examine expectations for communication in business; after studying and analyzing professional context, students will complete three substantive presentations. Finally, students will gain a sense of social responsibility that comes with the capacity for communication.

Course equivalencies: ACCOM 101/103 COMM 101/103

Outcomes:

Students gain skills in public speaking, preparing a presentation, including visual aids, and critical listening, thinking, and speaking with a focus on professional environments

ACCOM 200 Communication and New Media (3 Credit Hours)

This course explores the way technology affects personal, cultural, and mass communication through examining the historical, societal, and ethical implications of new and interactive forms of media.

Course equivalencies: COMM200 / IFMS200 / ACCOM 205

Outcomes:

Students use audio, video and digital tools to research and produce essays, projects and presentations that analyze the impact of technology on communication

ACCOM 201 Introduction to Communication (3 Credit Hours)

This course gives a general and theoretical overview of communication. By approaching communication through a critical and historical lens, students will acquire a foundation for further study and practice in communication.

Course equivalencies: COMM 175 / COMM 160 / ACCOM 201

Outcomes:

Students will have an understanding of the nature and structure of communication and be able to critically evaluate oral and written communications

ACCOM 274 Introduction to Cinema (3 Credit Hours)

This course introduces students to cinema as an artform and a mode of mass communication. By developing a film vocabulary and studying film aesthetics, students will learn how to evaluate film and create written formal analyses of film texts. Students will also consider the historical and cultural impact of films and begin to explore film theory and criticism.

Course equivalencies: ACCOM / COMM 274

Outcomes:

Understand film aesthetics and form; Develop basic filmic vocabulary related to production, distribution, and analysis; Develop critical standards for film evaluation; Critically evaluate films verbally and in written form; Recognize scholarly approaches to film studies and criticism; Analyze film texts considering historical and social context

ACCOMP 150 Introduction to Computing (3 Credit Hours)

This course provides a broad survey introducing the many layers of the computer science discipline, emphasizing the computer's role and limitations as a tool for describing, organizing, and manipulating information applicable to many disciplines.

Course equivalencies: ACCOMP 150/COMP 150

Outcomes:

Binary logic expressed in electronic circuitry, machine architecture, basic programming in Python, data organization, machine capacity, and useful tools

ACCRJ 201 The Criminal Justice System (3 Credit Hours)

This course provides an overview of the development and operations of the US criminal justice system. Attention will be focused on law enforcement, judicial organization, and correctional processes. The course will also consider the nature and extent of crime and will survey main theories of criminal behavior.

IAI code: CRJ 901

Course equivalencies: ACCRJ 201 / CJC 101

Outcomes:

Students will be able to demonstrate an understanding of the structure and challenges facing the criminal justice system from historical, interdisciplinary, and inter-agency relationship perspectives

ACCRJ 204 Corrections (3 Credit Hours)

This course examines the history, functions, and processes of corrections. The primary focus is institutional corrections and its evolution based on philosophies of retribution, deterrence, incapacitation, and rehabilitation. The role and influence of community correctional practices and policy on institutional corrections are also covered.

Course equivalencies: ACCRJ 204 / CJC 204

Outcomes:

Students will be able to identify and describe the role of institutional corrections in society and the criminal justice system and articulate the connection between theories regarding criminality and the purposes of incarceration that have historically guided and continue to guide American correctional practice historically and currently

ACECO 201 Microeconomics (3 Credit Hours)

This course is an introduction to demand and supply, consumer choice, price analysis in alternative industrial organizations, and the distribution of income.

IAI code: S3 902

Course equivalencies: ECON201/201H/ACECO201/CPST243

Outcomes:

Students will be able to think critically about price formation in different market structures, and how prices, household incomes and income distribution in a diverse society are determined with interpretations based on the concepts of opportunity costs and decision making under uncertainty

ACECO 202 Macroeconomics (3 Credit Hours)

This course is an introduction to national product, its components, money and the real sectors and business fluctuations.

IAI code: S3 901

Course equivalencies: ECON202/ECON202H/ACECO202/245

Outcomes:

The students will be able to think critically about the economic environment of the nation and to measure growth, unemployment, inflation, fiscal and monetary policies of the government, to ultimately understand economic stability and the welfare of the individual citizen

ACENG 110 Interpreting Literature (3 Credit Hours)

This is a foundational course in literary studies requiring students to read closely and analyze carefully a representative variety of prose, poetry, and drama, master key literary and critical term, and explore a variety of core critical approaches to the analysis and interpretation of literature.

Course equivalencies: ACENG 110 / UCLR 100

Outcomes:

Students will understand the structure and techniques of different literary forms and will be able to analyze the content of literary works with respect to the authors' purposes and meaning

ACENG 220 Introduction to Rhetoric: Classical & Contemporary (3 Credit Hours)

This course emphasizes the relevance of classical disputes for understanding current controversies over the nature and function of discourse. We will study several definitions of rhetoric, including rhetoric as "the art of persuasion," as the available means of persuasion, as identification, and others. Enrollment Conditions: Practical tools and theoretical methods will strengthen your skills in critical thinking, persuasive reasoning, and logical reasoning.

Course equivalencies: ACENG 220 / COMM 220

ACENG 271 Exploring Poetry (3 Credit Hours)

This class offers you the opportunity to become proficient in close reading and critical analysis of poetry with different styles, and from several different periods.

Course equivalencies: ENGL 271/ACENG 271

Outcomes:

1) practicing the skill of close reading & developing annotation strategies for literary texts, 2) mastering key literary terms and integrating them into your own analyses of literature, 3) placing the poems we read in conversation with their historio-political contexts, 4) using different literary theoretical lenses to ask new questions of our texts, and 5) articulating [explaining/stating] your interpretations: in class, on tests, and for written assignments

ACENG 273 Exploring Fiction (3 Credit Hours)

Exploring Fiction focuses on reading and analysis of fiction, especially short stories and novels, from a variety of periods, while examining and applying key approaches to determining literary meaning, form and value.

Course equivalencies: ENGL 273/ACENG 273

Outcomes:

1) Critically analyze fiction, especially short stories and novels, from a variety of periods, and apply a narrative theory approach to literary interpretation; 2) Interpret literary texts within various contexts - biographical, social, political, aesthetic, etc

ACENG 274 Exploring Shakespeare (3 Credit Hours)

This course focuses on the dramatic works of Shakespeare as literature and as theatre, covering at least three of the four genres (comedy, history, tragedy, romance). The class experience includes attendance at and discussion of performances of the Chicago Shakespeare Theater.

IAI code: H3 905

Course equivalencies: ACENG 274 / ENGL 274

Outcomes:

Students will be able to demonstrate understanding of the theatrical works of Shakespeare, such elements of drama as plot, character, theme, imagery, and verse forms, and the personal, political and theatrical world in which Shakespeare lived and worked

ACENG 276 Writing the Self (3 Credit Hours)

In this course, we will study nonfiction prose from a range of times and places. To focus our studies, we will investigate how a wide variety of authors have used writing to express, explore, and create a sense of self. When sharing their lives with an audience of readers, how do these authors navigate the territory between the private and public spheres, between internal experience and external reality, between self and environment? To answer this question, we will read a variety of nonfiction forms including diaries, essays, autobiographies, and graphic memoirs. Throughout the course, we will discuss issues of literary meaning, form and value.

IAI code: H3 904

Course equivalencies: ACENG 276 / ENGL 290

Outcomes:

Upon completion of this course, students will have demonstrated inquiry and pursue self-directed learning, mastered key literary terms, read for comprehension, read for analysis, and argued for literary interpretation

ACENG 282 African American Literature (3 Credit Hours)

This course focuses on the development of the African American literary tradition, including analysis of historic and contemporary themes. Readings may cover any time period in African American literature through the present.

Course equivalencies: ENGL 282 / ACENG 282

Outcomes:

Students will be able to discuss the significance of major African American literary movements and the contributions of representative writers from these periods

ACFNA 100 Art and Visual Culture (3 Credit Hours)

A survey of the visual arts (painting, drawing, printmaking, sculpture and architecture) as they transmit cultural traditions and humanistic and aesthetic values. Examines historical, social and technological factors that contribute to understanding the function and meaning of works of art.

IAI code: F2 900

Course equivalencies: FNAR199/ICVM199/IFMS199/ACFNA1

Outcomes:

1) Introduce students to an appreciation of the visual arts through an inter cultural, social/historical approach; 2) Emphasize the nature of the creative process, integrating a study of the conceptual principles, with methods and materials which influence artistic critical thinking, problem solving, exploration, and discovery

ACFNA 105 Western Art: Renaissance to Modern (3 Credit Hours)

A general survey which explores the development of art in Western culture from the Renaissance to modern art in the twentieth century.

IAI code: F2 901

Course equivalencies: ACFNA 105 / FNAR 201

Outcomes:

Students will be able to demonstrate knowledge of the ideas, formal expressions, themes, techniques, and functions of art in relation to their cultural, social, and historical contexts; Students acquire the skills to critically analyze the relationships between various art forms and their relation to historical cultures

ACFNA 112 Foundation Studio: Two Dimensional Design (3 Credit Hours)

This course explores the fundamental organizational systems of intentional visual expression through purposeful making of, and critical response to, traditional design concepts. The elements of art and the principles of design will be experienced through a range of media both tactile and digital, with emphasis on spatial perception, color theory, and visual communication. Students will recognize and experience the core concepts and practices of visual communication through hands-on exercises and projects addressing observation and perception, composition, transformation and manipulation of the picture plane, sequence and narrative, and the physical and communicative properties of pigment and color. Students will further engage these concepts through critical examination of images, texts, and objects representing a wide array of contemporary and historical visual culture.

IAI code: ART 907

Course equivalencies: FNAR112/ACFNA112

ACHIS 101 Western Civilization to the 17th Century (3 Credit Hours)

This course traces the early development of Western civilization from the ancient Near East, Greece and Rome, the medieval civilization(s), and the European Renaissance and Reformation.

IAI code: S2 902

Course equivalencies: X-HIST101/CATH101/ACHIS101

Outcomes:

Students will gain an understanding of history as a discipline, be able to place Judaism, Christianity, and Islam in historical context, explain the expansion of the West, and develop critical thinking and communications skills

ACHIS 102 Western Civilization from the 17th Century (3 Credit Hours)

This course traces the development and of western civilization and its global impact from the seventeenth century to the present.

IAI code: S2 903

Course equivalencies: ACHIS 102 / HIST 102

Outcomes:

Students will gain an understanding of history as a discipline and develop critical thinking skills based on historical knowledge about the key people, places, and events that shaped the modern world

ACHIS 104 Introduction to Global History since 1400 (3 Credit Hours)

This course surveys the history of the world since 1400 by introducing students to the origins of diverse people and the intellectual, social, political, and economic developments of their societies to the present.

Course equivalencies: HIST / ACHIS 104

Outcomes:

Students will gain an understanding of history as a discipline; differentiate intellectual, social, political, and economic aspects between and among diverse people and their societies; place contemporary global issues within their historical contexts; and develop critical thinking and communications skills

ACHIS 201 US History to 1865 (3 Credit Hours)

This course is an introduction to the history of the United States from the colonial era through the Civil War.

IAI code: S2 900

Course equivalencies: HIST201/HIST111/ACHIS201

Outcomes:

Students will demonstrate an understanding of Native American societies, the impact of European colonization, the creation and evolution of democratic institutions in a multicultural society, the geographic expansion of the United States, and the impact of slavery

ACHIS 202 US History since 1865 (3 Credit Hours)

This course is an introduction to the history of the United States from the Civil War to the present.

IAI code: H2 905

Course equivalencies: HIST202/HIST112/ACHIS202

Outcomes:

Students will demonstrate an understanding of how the United States became a modern industrial society, the emergence and evolution of the modern welfare state, the rise of the United States as a global power, and the impact of controversies over civil rights and liberties on American society

ACHIS 220 Introduction to Mexican American History (3 Credit Hours)

This course surveys of the history of Mexicans and Mexican Americans in the United States, examining their social, political, and economic contributions to the history of the U.S. from the 15th century to the present.

IAI code: S2 923D

Outcomes:

Analyze pre-Columbian societies, European colonization, and Mexican migration; synthesize various interpretations and sources; situate Mexican American history past, present, and future

ACINF 247 Introduction to Information Systems (3 Credit Hours)

This course is an introduction to using information technology to support business processes.

Course equivalencies: INFS247/ISOM/MGSC247/ACINF247

Outcomes:

Students will understand the purpose and composition of information systems and develop expertise in the use information technology to develop business spreadsheets and database applications

ACISC 101 Interdisciplinary Science: Scientific Basis of Environmental Issues (3 Credit Hours)

The foundational course in science is predicated on the view that understanding environmental issues and their underlying scientific principles will occupy a central role in our students' lives and will be critical in their development as informed and participating members of society. The overarching strategy of the course will be to frame environmental science in terms of a series of interacting systems to allow students to analyze a variety of environmental issues.

IAI code: LP 900

Course equivalencies: ENVS137/UCSF137/ENVS101

Outcomes:

1) Exhibit knowledge of the nature of the four Earth systems; 2) Draw inferences from evidence, constructing testable and falsifiable hypotheses and analyzing data; 3) Understand the role of energy and thermodynamics in ecosystems; 4) Understand and describe important cycles in nature

ACISC 102 Environmental Processes, Challenges, and Methods (4 Credit Hours)

This course examines scientific issues underlying a series of significant threats to the planet. These include the loss of biodiversity, ensuring access to a stable supply of food and water for all of the Earth's inhabitants, climate change, and the demands for energy and other resources. Students will also investigate possible responses to these planetary threats.

IAI code: LP 901L

Outcomes:

Students will understand the nature of contemporary environmental challenges, both as scientific and social problems

ACISC 102L Environmental Processes, Challenges, & Methods Lab (1 Credit Hour)

Co-requisites: ACISC 102

This course provides students with the opportunity to learn basic and intermediate lab skills commonly used in environmental science, including measuring properties of matter, analyzing soil, water and atmospheric samples, as well as the mathematics needed to analyze data and draw inferences from evidence.

IAI code: LP 901L

Outcomes:

Students will master basic scientific techniques related to the study of the environment

ACMAT 100 Fundamentals of Math (3 Credit Hours)

This course focuses on the foundations of algebra. Topics include the real number system operations, variable expressions, linear equations and inequalities, graphing linear equations in two variables, slope and equations of a line, exponents and polynomials, applications of proportion, percent and the use of formulas to develop problem solving skills.

Course equivalencies: ACMAT100/MATH100

Outcomes:

Students will evaluate variable expressions; Students will solve and graph linear equations in two variables; Students will apply ratios and proportions

ACMAT 117 Precalculus I (3 Credit Hours)

Pre-requisites: "C-" or better in ACMAT 100 or by test placement

This course covers algebraic topics ranging from functions and their applications to complex numbers to inverse functions to the fundamental theorem of algebra.

Course equivalencies: ACMAT 117/MATH 117

Outcomes:

Students who plan to study calculus will obtain the algebraic background needed to enroll in precalculus

ACMAT 118 Precalculus II (3 Credit Hours)

Pre-requisites: "C-" or better in ACMAT 117 or required score on placement test

This course is a continuation of MATH 117 focusing on exponential, logarithmic, trigonometric, and inverse trigonometric functions, their graphs, and their properties. Techniques for solving equalities involving these functions are examined. Trigonometric identities, sum and difference formulas, double and half-angle formulas, the Laws of Sines and Cosines, and polar coordinates are also considered.

Course equivalencies: MATH 118/ ACMAT 118

Outcomes:

Students will build and improve their skills in algebra and pre-calculus topics in order to be able solve a variety of problems; The content and the strategies students will learn will prepare them to be successful in Calculus and courses beyond; Students will frequently be asked to express their mathematical thinking orally and in writing by working in groups and explaining their work

ACMAT 161 Calculus I (4 Credit Hours)

A traditional introduction to differential and integral calculus. Functions, limits, differentiation, the Intermediate Value Theorem, curve sketching, optimization problem, related rates, definite and indefinite integrals, the Fundamental Theorem of Calculus, logarithm and exponential functions, applications to the natural and social sciences. Restricted to Arrupe students. Students are eligible to enroll in the course upon successful completion of ACMAT 118 or by math placement exam.

Course equivalencies: ACMAT 161/MATH 161

Outcomes:

Students will obtain the background needed to enroll in Calculus II; This course satisfies the quantitative literacy requirement of the core curriculum

ACMAT 162 Calculus II (4 Credit Hours)

This course is a continuation of ACMAT 161, Calculus I.

Course equivalencies: ACMAT 162/MATH 162

Outcomes:

1) Select and apply appropriate models and integration techniques to solve problems involving algebraic and transcendental functions; these problems will include but are not limited to applications involving volume, arc length, surface area, force and work; 2) Recognize and implement appropriate techniques to integrate trigonometric functions and apply trigonometric substitutions to solve integrals; 3) Decompose a rational integrand using partial fractions; 4) Evaluate proper and improper integrals using various integration techniques; 5) Determine convergence of improper integrals with discontinuities in their domain or infinite limits of integration; 6) Apply basic anti-differentiation techniques to selected problems arising in various fields such as physical modeling, economics and population dynamics; 7) Find general solutions to basic differential equations and analytical solutions to separable differential equations; 8) Find solutions of various kinds of differential equations using Direction Fields and Euler's Method; 9) Develop the algebra associated with vectors in both two and three dimensions and define two fundamental operations for vectors: the dot product and the cross product; 10) Develop equations for lines and planes in space and explore their properties and uses; 11) Apply familiar single-variable function properties (domain, graphs, limits, continuity and derivatives) to multivariable functions; 12) Find maximum and minimum values of multivariable functions using partial derivatives; 13) Identify the Directional Derivatives and the gradient of a multivariable function

ACPHI 130 Philosophy and Persons (3 Credit Hours)

This course examines the way philosophy looks for fundamental characteristics that identify life as a properly human life, asks about its ultimate meaning or purpose, and raises questions about what counts as a good life.

IAI code: H4 900

Course equivalencies: PHIL120/130/180/ACPHI130

Outcomes:

Students will be able to explain a claim to truth, to explain theories of value in human life, and to describe theories of the metaphysical nature of human persons

ACPHI 205 The Person and Society (3 Credit Hours)

A contemporary look at the origins of social problems, democracy movements (both domestic and international), and the role of government in society.

IAI code: H4 901

Course equivalencies: PHIL162/182/262/282/ACPHI205

Outcomes:

Students will understand the moral bases of social activity and have the ability to relate individual responsibilities with life in a society

ACPHI 274 Logic (3 Credit Hours)

Study of the rules of judging and reasoning, both inductive and deductive, in a traditional, language-centered context rather than a symbolic context. Logical analysis of both formal and informal fallacies and of the consistency and logical consequences of a given set of statements is included. Logical analysis is applied to problems dealing with knowledge of reality.

IAI code: H4 906

Course equivalencies: PHIL 174/PHIL 274/ACPHI 274

Outcomes:

Students will be able to formally analyze, evaluate, and demonstrate the various aspects of argumentation

ACPHI 281 Ethics (3 Credit Hours)

This course is a general introduction to ethics and moral philosophy.

IAI code: H4 904

Course equivalencies: PHIL 181 / PHIL 281 /ACPHI 281

Outcomes:

Students will be able to demonstrate understanding of criteria for choosing between conflicting ethical theories, moral disagreement, the justification of moral judgments, and the application of ethical standards to practical decision-making and ethical questions that arise in everyday life

ACPHI 284 Society, Justice, and Health Care (3 Credit Hours)

A study of the role of ethics and moral reasoning in healthcare contexts. Emphasis is placed on identifying ethical issues that arise in a variety of contemporary healthcare settings, and in critically applying ethical theories and concepts to respond to health care and medical issues.

Course equivalencies: PHIL184/284BIET184PHIL164BIET164

Outcomes:

Students will gain skills in ethical questioning, reasoning, and application, with an emphasis on the intersection of healthcare practice and broader social, political, and legal issues

ACPOL 101 American Government and Citizenship (3 Credit Hours)

This course examine American national government and politics, including institutions, group and electoral processes, and public policy. An underlying theme throughout the course identifies the rights and responsibilities of citizens within the American political system.

IAI code: S5 900

Course equivalencies: ACPOL 101 / PLSC 101

Outcomes:

Students will be able to demonstrate an understanding of the American political system, the patterns of political participation and behavior of diverse individuals and groups in American society, and evaluate the roles and processes of U.S. political institutions

ACPOL 200 Introduction to Political Thought (3 Credit Hours)

An introduction to political thought, covering the principal ideas, controversies and institutions of political society. Authors covered include Plato, Machiavelli, Locke, Hobbes, and Marx.

Course equivalencies: ACPOL 200 / PLSC 100

Outcomes:

Students will be able to demonstrate an understanding of major approaches to the normative study of politics, to identify the assumptions underlying philosophical arguments, and to critically assess different theories of political justice

ACPOL 202 International Relations (3 Credit Hours)

Competing perspectives on international politics and global issues such as North-South relations, human rights, war and peace, population growth, and environmentalism.

IAI code: S5 904

Course equivalencies: PLSC/PAX/ACPOL102/AFR110/INTS2

Outcomes:

Students will be able to demonstrate an understanding of the main approaches to the study of international politics and to analyze and assess such major substantive issues as interstate war, terrorism, arms control, international political economy and sustainable development

ACPOL 205 Power, Rap Music, and Urban America (3 Credit Hours)

By focusing on rap music and urban American society since the 1960s, this course delves into the social scientific analysis of race, gender, socioeconomic status, and other identities.

ACPSY 201 General Psychology (3 Credit Hours)

Introduction to concepts, theories, and methods in psychology. Emphasis is given to the scientific study of consciousness and human behavior. Topics include: human development, learning, thinking, perception, personality, testing, mental illness and mental health, biological and social aspects of behavior.

IAI code: S6 900

Course equivalencies: ACPSY 201 / PSYC 101

Outcomes:

Students will master basic concepts and key theories and learn to apply them to real-world situations

ACPSY 273 Developmental Psychology (3 Credit Hours)

Survey of theory and research relevant to human growth and development with emphasis on physical, cognitive, and social development from infancy through adolescence.

IAI code: S6 902

Course equivalencies: ACPSY273/PSYC273

Outcomes:

Students will demonstrate understanding of basic theory and research in human development, and will develop skills in critical examination of psychological research as applied to current issues in human development

ACPSY 275 Social Psychology (3 Credit Hours)

Pre-requisites: ACPSY 201

This course is an introduction to the field of social psychology, which seeks to understand human behavior by viewing it within its social and cultural context.

Course equivalencies: ACPSY 275 / PSYC 275

Outcomes:

Students will be able to demonstrate understanding of cultural and social group differences, which is critical to the development of inter-cultural understanding and the reduction of inter-group (or inter-cultural) conflict

ACPSY 280 Abnormal Psychology (3 Credit Hours)

Pre-requisites: ACPSY 201 General Psychology

Nature and causes of maladjustment and mental disorders. History of mental illness, diagnosis, research, and treatment of mental disorders.

Course equivalencies: X-CPSY333/PSYC331/ACPSY280

Outcomes:

Students will demonstrate understanding of current approaches to researching maladaptive behavior, current views of maladaptive behavior, major categories of mental disorders, factors contributing to development of problems, different types of intervention strategies, and appreciation of social, ethical, and legal issues

ACSTA 101 Statistics (3 Credit Hours)

Pre-requisites: D or better in ACMAT 100 or ACSTA ready as determined by ALEKS placement exam or standardized test score

This course provides an introduction to statistical reasoning and techniques in descriptive and inferential statistics and their applications in economics, education, genetics, medicine, physics, political science, and psychology.

IAI code: M1 902

Course equivalencies: ISSCM/H/241/STAT103/ACST101/03

Outcomes:

Students will obtain a background in the fundamentals of descriptive and inferential statistics along with an understanding of their uses and misuses

ACSTA 103 Introduction to Statistics (4 Credit Hours)

This course provides an introduction to statistical reasoning and techniques in descriptive and inferential statistics and their applications. All foundational mathematics topics necessary for college level Statistics will be reviewed and reinforced throughout the course.

Topics will include: data collection processes (observational studies, experimental design, sampling techniques, bias), descriptive methods using quantitative and qualitative data, bivariate data, correlation, least squares regression, probability theory, probability distributions (normal distributions and normal curve, binomial distribution), confidence intervals, hypothesis tests using p-values.

Course equivalencies: ISSCM/H/241/STAT103/ACST101/03

Outcomes:

Students will develop the skills necessary to compute, compare and analyze numbers; obtain a background in the fundamentals of descriptive and inferential statistics; develop the skills necessary to analyze graphs and data sets; develop the algebra skills necessary to calculate descriptive statistics measurements; and explain the use of data sets and statistics as tools to reach reasonable conclusions

ACTHE 101 Introduction to Christian Theology (3 Credit Hours)

This course is an introduction to reflection on and analysis of the Christian theological tradition.

Course equivalencies: ACTHE 101 / THEO 100

Outcomes:

Students will be able to demonstrate understanding of the tasks of Christian theology in its efforts to understand the human situation from the perspective of faith, various challenges to theology in the contemporary world, and will focus on one or more current theological issues

ACTHE 107 Introduction to Religious Studies (3 Credit Hours)

This course is an introduction to the contemporary field of religious studies.

IAI code: H5 900

Course equivalencies: THEO170 / THEO270 / ACTHE 107

Outcomes:

Students will be able to analyze and interpret various ways in which religious traditions intersect with contemporary issues

ACUNI 101 First Year Seminar (1 Credit Hour)

This course introduces students to college life, especially that of an Arrupe student. The course focuses on Ignatian spirituality, community building, goal setting and attainment, academic success strategies, and task initiation.

Course equivalencies: UNIV101 / ACUNI 101

ACUNI 102 Academic Success Strategies (1 Credit Hour)

Designed to strengthen students' academic skills so that they can become more effective learners. By completing class readings and participating in class discussions and activities, students will learn and practice relevant and productive study strategies. Additionally, students will reflect on the motivations, achievements, and obstacles they encounter while working to become more successful students.

Outcomes:

Time management, motivation maintenance, study skills, and college resources

ACUNI 103 Career Exploration and Attainment (0 Credit Hours)

This course focuses on career exploration, development, and attainment. Students will identify their professional aptitudes and interests, develop their professional network, and hone their interviewing skills.

Outcomes:

1) Identify and evaluate career options based on aptitude and interests; 2) Identify and prioritize short-term and long-term steps for pursuing one or more careers of interest; 3) Use standard resume format; select and describe relevant educational, employment, and extracurricular experiences to demonstrate suitability for a specific position; 4) Develop an elevator pitch; 5) Use the STAR method to answer interview questions (STAR = Situation; Task; Action; Result)

ACUNI 104 College Transfer Seminar (0 Credit Hours)

This course is designed to help prepare first year students in identifying appropriate transfer institutions to apply to in the following fall and spring.

Outcomes:

Students will identify transfer institutions; understand direct and indirect costs of attending college; prepare their transfer applications; identify support services at the senior institution

ACUNI 201 A Journey in the Spirit of Ignatius (1 Credit Hour)

The purpose of the sophomore seminar is to provide students with the opportunity to utilize Ignatian values and reflective practices to identify their values, accomplishments and future personal, academic and or professional goals. Restricted to Arrupe Sophomores.

Outcomes:

Students will reflect upon how Ignatian values connect to their personal experiences and how they see themselves becoming persons for others

ACWRI 105 College Writing I (3 Credit Hours)

College Writing I is designed to help first-year Arrupe students understand and meet college expectations for writing. Students will complete at least four polished papers during this course. Activities will also include informal writing, invention exercises, and responding to peer and instructor feedback. At least 60% of the final grade will be based on formal, graded writing assignments.

Outcomes:

Students will demonstrate an effective process for invention, drafting, and revision to produce polished academic work; communicate using written modes appropriate to audience and purpose; and analyze, synthesize, and evaluate texts

ACWRI 110 College Writing II (3 Credit Hours)

College Writing II is designed to help first-year Arrupe students understand and meet college expectations for writing. Students will complete at least three polished papers, including a long final paper that requires documented, multi-source writing. Activities will also include informal writing, invention exercises, information literacy instruction, and responding to peer and instructor feedback. At least 60% of the final grade will be based on formal, graded writing assignments.

Course equivalencies: SCPS200/ENGL106/UCWR/ACWRI110

Outcomes:

In College Writing II, students will continue to practice and strengthen their writing process, including invention, drafting, and revision; Additionally, students will demonstrate skills needed in the research process, including finding, evaluating, and integrating material from reliable sources