



Please note that there is a per-credit tuition charge (\$115 per credit hour) associated with SU courses, although this charge is significantly discounted, and tuition assistance is available to eligible students. For more information about Syracuse University Project Advance, contact your guidance counselor or visit projectadvance.syracuse.edu

More information, including any required instructional materials, are available on our website at projectadvance.syracuse.edu/courses. Click on the individual course listing and download a PDF with additional information including required materials and instructor recommendations.

AAS 112 Intro to African American Studies

Credits: 3

Typical Class Size: 15 to 24

SUPA Administrator: Melanie Nappa-Carroll, Ed.D., Associate Director, Syracuse University Project Advance

Faculty Liaison: Joan Bryant, Ph.D., Associate Professor, Syracuse University

Description: Historical and sociopolitical materials. Approaches to studying the African American experience, antecedents from African past, and special problems.

ACC 151 Introduction to Financial Accounting

Credits: 4

Typical Class Size: 15 to 25

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Michael Chin, Ph.D., Assistant Teaching Professor of Accounting, Syracuse University

Description: Financial accounting concepts that aid entrepreneurs, managers, investors, and creditors in planning, operating, and analyzing a business. Emphasis is on interpretation of financial statements.

BIO 121 General Biology I

Credits: 3

Typical Class Size: 10 to 20

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Jason R. Wiles, Ph.D., Associate Professor, Syracuse University

Description: First course in a survey of biological concepts ranging from the molecular level to global ecology. Units include the nature of science, life chemistry, cell structure and function, photosynthesis and respiration, genetics, and evolution.

BIO 122 General Biology I Laboratory

Credits: 1

Typical Class Size: 10 to 20

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Jason R. Wiles, Ph.D., Associate Professor, Syracuse University

Description: Laboratory associated with BIO 121. Includes inquiry-based exploration and practical application of concepts discussed in BIO 121.

BIO 123 General Biology II

Credits: 3

Typical Class Size: 10 to 20

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Jason R. Wiles, Ph.D., Associate Professor, Syracuse University

Description: Second course in a survey of major biological concepts ranging from the molecular level to global ecology. Units include biodiversity, plant structure and function, human and comparative animal anatomy and function, ecology, and evolution.

BIO 124 General Biology II Laboratory

Credits: 1

Typical Class Size: 10 to 20

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Jason R. Wiles, Ph.D., Associate Professor, Syracuse University

Description: Laboratory course associated with BIO 123. Includes inquiry-based exploration and practical application of concepts discussed in BIO 123. One laboratory session per week. Includes inquiry-based exploration and practical application of concepts discussed in BIO 123.

CAR 102 Art and Craft of Animation

Credits: 3

Typical Class Size: 10 to 14

SUPA Administrator: Christina Parish, Ph.D., Director, Syracuse University Project Advance

Faculty Liaison: Heath Hanlin, Associate Professor, Syracuse University

Description: Introductory studio course explores animation history and practice, with a strong emphasis on practice. Students will learn important animation techniques and modalities and build a foundation for further coursework or personal exploration of animation.

CHE 106 General Chemistry Lecture I

Credits: 3

Typical Class Size: 15 to 24

SUPA Administrator: David Tate, Associate Director, Syracuse University Project Advance

Faculty Liaison: James T. Spencer, Ph.D., Professor, Syracuse University

Description: Fundamental principles and laws underlying chemical action, states of matter, atomic and molecular structure, chemical bonding, stoichiometry, properties of solutions, chemical equilibria, and introductory thermochemistry.

CHE 107 General Chemistry Laboratory I

Credits: 1

Typical Class Size: 15 to 24

SUPA Administrator: David Tate, Associate Director, Syracuse University Project Advance

Faculty Liaison: James T. Spencer, Ph.D., Professor, Syracuse University

Description: Experimental study of basic principles and techniques of chemistry. States of matter, determination of formulas and molecular weights, simple volumetric and gravimetric analysis, heats of reaction. Equilibrium, rates of reactions, and qualitative analysis.

CHE 113 Forensic Science

Credits: 4

Typical Class Size: 15 to 24

SUPA Administrator: David Tate, Associate Director, Syracuse University Project Advance

Faculty Liaison: James T. Spencer, Ph.D., Professor, Syracuse University

Description: Introduction to forensic science with focus upon the application of scientific methods and techniques to criminal justice and law. Methods specifically relevant to crime detection and analysis will be presented. Laboratory included.

CHE 116 General Chemistry Lecture II

Credits: 3

Typical Class Size: 15 to 24

SUPA Administrator: David Tate, Associate Director, Syracuse University Project Advance

Faculty Liaison: James T. Spencer, Ph.D., Professor, Syracuse University

Description: Builds upon the fundamental chemical principles learned in CHE 106 and introduces chemical kinetics and thermodynamics, intermolecular forces, advanced chemical equilibria, oxidation/reduction, and modern materials.

CHE 117 General Chemistry Laboratory II

Credits: 1

Typical Class Size: 15 to 24

SUPA Administrator: David Tate, Associate Director, Syracuse University Project Advance
Faculty Liaison: James T. Spencer, Ph.D., Professor, Syracuse University

Description: Noncovalent chemistry, understanding symmetry and chirality, empirical and rational aspects of thermodynamics of dissolving salts equilibrium of buffers and solubility and redox potentials, separation and identification of metal cations.

CLS 105 College Learning Strategies

Credits: 3

Typical Class Size: 15 to 25

SUPA Administrator: Kennia Delafe, Assistant Director, Syracuse University Project Advance
Faculty Liaison: Janine Nieroda-Madden, Ph.D., Associate Teaching Professor, Syracuse University

Description: Study and application of learning strategies in the context of lectures, reading, recitations and independent learning situations.

CPS 155 Introduction to Cyber Security

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance
Faculty Liaison: Ehat Ercanli, Ph.D., Associate Teaching Professor, Syracuse University

Description: This foundational course introduces students to network security, exploring its functions, vulnerabilities, and defenses against modern threats. Students will distinguish between physical, organizational, and personal security, investigating software, hardware, and operating system security mechanisms and evolution.

CRS 325 Presentational Speaking

Credits: 3

Typical Class Size: 10 to 20

SUPA Administrator: Christina Parish, Ph.D., Director, Syracuse University Project Advance
Faculty Liaison: Christopher Perrello, Assistant Teaching Professor, Syracuse University

Description: Conceptual and practical dimensions of formal presentations in organizational settings. Analysis, adaptation, strategic arrangement and development of ideas, verbal and nonverbal presentational skills.

CSE 283 Introduction to Object-Oriented Design

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance
Faculty Liaison: Ehat Ercanli, Ph.D., Associate Teaching Professor, Syracuse University

Description: This course introduces students to professional software engineering principles through functional decomposition and object-oriented design. It teaches core design principles like modularity, reusability, and extensibility. Students gain hands-on experience in C++ and Java through project-based learning. They analyze real-world problems, develop design solutions, and implement complete applications demonstrating industry-standard practices.

DES 203 Design Thinking

Credits: 3

Typical Class Size: 20 to 25

SUPA Administrator: Melanie Nappa-Carroll, Ed.D., Associate Director, Syracuse University Project Advance

Faculty Liaison: James W.R. Fathers, Ph.D., Professor, Syracuse University

Description: This course will introduce students to the principles and practices of Design Thinking. We will focus on the application of design strategies to problems in businesses, organizations in a creative and strategic manner.

EAR 203 Earth System Science

Credits: 4

Typical Class Size: 10 to 20

SUPA Administrator: Kennia Delafe, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Gregory Hoke, Ph.D., Department Chair, Syracuse University

Description: An integrated view of interactions among Earth's systems (lithosphere, biosphere, hydrosphere, atmosphere) and the timescales over which they operate. Topics covered in this course include: plate tectonics, atmospheric circulation, oceanic circulation, the greenhouse effect, the carbon cycle, the origin of the earth and life, and climate.

ECN 203 Economic Ideas and Issues

Credits: 3

Typical Class Size: 15 to 25

SUPA Administrator: Melanie Nappa-Carroll, Ed.D., Associate Director, Syracuse University Project Advance

Faculty Liaison: Jerry Evensky, Ph.D., Professor Emeritus, Economics Department

Description: Foundation of modern Western economic thought. The model economists have built on this foundation as applied to current issues facing individuals and society.

ECN 305 The Economics of Personal Finance

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Christina Parish, Ph.D., Director, Syracuse University Project Advance

Faculty Liaison: Donald H. Dutkowsky, Ph.D., Professor Emeritus, Syracuse University

Description: This introductory course applies fundamental economic and financial concepts qualitatively to cover aspects of consumer personal finance, including record keeping, banking, saving, borrowing, using credit, investing, insurance, doing taxes, retirement, and end-of-life considerations.

ECS 102 Introduction to Computing

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Ehat Ercanli, Ph.D., Associate Teaching Professor, Syracuse University

Description: Computational thinking, the foundation of major innovations in AI and sustainable engineering, is introduced in this course. Students learn programming principles and problem-solving strategies essential across engineering, computer science, and beyond. They'll learn to break down complex problems, develop algorithmic solutions, and implement working programs in C++ or Java.

ECS 104 Engineering Computational Tools (PILOT)

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Douglas Yung, Ph.D. Associate Teaching Professor, Biomedical Engineering Undergraduate Program Director

Description: This course introduces students to engineering problem-solving through computational tools, electronics, and design. They'll learn Python, CircuitPython, CAD, and physical computing with the Circuit Play-ground Express. The capstone project integrates coding, electronics, and CAD to solve a real-world problem.

EEE 370 Introduction Entrepreneurship and Emerging Enterprises

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Mirza Tihic, Ph.D., Assistant Teaching Professor, Syracuse University

Description: Course focuses on what it takes to start, grow, and sustain new ventures. Topics include: understanding entrepreneurs and their teams, evaluating opportunities, creating a venture plan, securing resources. Readings and guest lecturers emphasized.

ENG 181 Class and Literary Texts

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Sean M. Conrey, Ph.D., Associate Director, Syracuse University Project

Advance

Faculty Liaison: Sean M. Conrey, Ph.D., Associate Director, Syracuse University Project Advance

Description: Construction and representation of “class,” especially as it affects the production and reception of literary and other cultural texts.

ENG 192 Gender and Literary Texts

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Sean M. Conrey, Ph.D., Associate Director, Syracuse University Project Advance

Faculty Liaison: Carol W.N. Fadda, Ph.D., Associate Professor, Syracuse University

Description: Construction and representation of “gender,” especially as it affects the production and reception of literary and other cultural texts.

FMA 158 - Intro to Film and Media Arts: Digital Photography

Credits: 3

Typical Class Size: 20 to 25

SUPA Administrator: Melanie Nappa-Carroll, Ed.D., Associate Director, Syracuse University Project Advance

Faculty Liaisons: Susannah Sayler, Associate Professor, Syracuse University; Doug DuBois, Associate Professor, Syracuse University

Description: This course introduces the basic skills required in digital photography: shooting camera RAW files; adjusting images in photoshop and making inkjet prints. In addition, we will work with flash and strategies to deal with a variety of lighting situations.

FRE 201French III

Credits: 4

Typical Class Size: 10 to 20

SUPA Administrator: Kennia Delafe, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Christa Wirth, French Instructor, Syracuse University

Description: Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in French. Students cannot enroll in FRE 201 after earning credit for FRE 202 or higher.

HEB 101 Hebrew I

Credits: 4

Typical Class Size: 10 to 20

SUPA Administrator: Kennia Delafe, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Michal Downie, Hebrew Instructor, Syracuse University

Description: Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Hebrew. No prior experience or admission by placement testing.

HFS 202 Development of Children

Credits: 3

Typical Class Size: 10 to 20

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Matthew Mulvaney, Ph.D., Undergraduate Program Director and Associate Professor, Syracuse University

Description: Principles and patterns of child development. Influence of biological and experiential factors. Extra-familial and intra-familial relationships as they influence child development. Fieldwork or equivalent required.

HST 101 American History to 1865

Credits: 3

Typical Class Size: 15 to 25

SUPA Administrator: Melanie Nappa-Carroll, Ed.D., Associate Director, Syracuse University Project Advance

Faculty Liaison: Mark Schmeller, Ph.D., Associate Professor, Syracuse University

Description: Founding and development of institutions. The Revolution and the new nation. Problems of growth and sectionalism. Challenge to the union.

HST 102 American History Since 1865

Credits: 3

Typical Class Size: 15 to 25

SUPA Administrator: Melanie Nappa-Carroll, Ed.D., Associate Director, Syracuse University Project Advance

Faculty Liaison: Mark Schmeller, Ph.D., Associate Professor, Syracuse University

Description: Reconstruction. Industrialization and its effects. Emergence as a world power. Economic and social problems, reforms. Global war and global responsibilities.

IST 256 Introduction to Python for the Information Profession

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Michael Fudge, DPS, Professor of Practice, Syracuse University

Description: Computational literacy and learning to code are critical skills of the 21st century. Students are introduced to Python programming language with emphasis on practical applications relevant to everyday lives and common within the information field.

IST 263 Introduction to Front-End Web Development

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Laurie Ferger, Assistant Teaching Professor, Syracuse University

Description: This hands-on course teaches students to build professional, responsive websites from the ground up using HTML, CSS, and JavaScript. Students will master both the technical and strategic sides of web development. This course pairs well with DES 203, EEE 370, MAR 301.

IST 323 Introduction to Information Security

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Joon S. Park, Ph.D., Professor, Syracuse University

Description: Networks are critical infrastructure (as explored in CPS 155), but information security protects data, systems, and people across digital and physical contexts. This course examines security from the iSchool perspective, focusing on policies, authentication, cryptography, and organizational security posture.

Students will implement encryption, configure authentication systems, analyze security protocols, and evaluate real-world security incidents from technical and organizational perspectives through customized online laboratory exercises.

IST 387 Introduction to Applied Data Science

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Preeti Jagadev, Ph.D., Assistant Teaching Professor, Syracuse University

Description: Data science literacy transforms raw data into actionable insights. This course introduces students to the data science workflow, from cleaning and transforming data to building predictive models with R, a powerful open-source language for statistical analysis. Students apply data science responsibly to real-world problems across diverse domains. Hands-on projects develop skills in data wrangling, visualization, statistical analysis, and machine learning fundamentals, while critically examining the ethical implications of data-driven decision-making.

ITA 201 Italian III

Credits: 4

Typical Class Size: 10 to 20

SUPA Administrator: Kennia Delafe, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Stefano Giannini, Ph.D., Associate Professor, Syracuse University

Description: Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Italian.

LAT 201 Latin III

Credits: 4

Typical Class Size: 10 to 20

SUPA Administrator: Kennia Delafe, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Jeffrey S. Carnes, Ph.D., Associate Professor, Syracuse University

Description: Continuing course with review of morphology and syntax and further study of idioms, rhetorical figures, and syntactic peculiarities. Reading and study of representative prose authors.

LAT 310 Latin Prose Authors

Credits: 3

Typical Class Size: 10 to 20

SUPA Administrator: Kennia Delafe, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Jeffrey S. Carnes, Ph.D., Associate Professor, Syracuse University

Description: Readings from selected authors. Review of grammar and syntax.

LAT 320 Latin Poets

Credits: 3

Typical Class Size: 10 to 20

SUPA Administrator: Kennia Delafe, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Jeffrey S. Carnes, Ph.D., Associate Professor, Syracuse University

Description: Readings from selected Latin poets. Review of grammar and syntax. Latin metrics and prosody.

MAR 301 Essentials of Marketing

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Gerard Athaide, Ph.D., Adjunct Faculty, Syracuse University

Description: Principles of marketing as a major business function and social process. Analysis of marketing forces. Marketing opportunities. Determination of price, product, distribution , promotion and organizational policies required.

MAT 221 Elementary Probability and Statistics I

Credits: 4

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance
Faculty Liaison: Thomas T. John, Ph.D., Assistant Teaching Professor, Syracuse University

Description: First of a two-course sequence. For students in fields that emphasize quantitative methods. Probability, design of experiments, sampling theory, introduction of computers for data management, evaluation of models, and estimation of parameters.

MAT 222 Elementary Probability and Statistics II

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance
Faculty Liaison: Thomas T. John, Ph.D., Assistant Teaching Professor, Syracuse University

Description: Continuation of MAT 221. Further methods of statistical analysis emphasizing statistical reasoning and data analysis using statistical software. Basic concepts of hypothesis testing, estimation and confidence intervals, t-tests and chi-square tests, linear regression, analysis of variance.

MAT 295 Calculus I

Credits: 4

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance
Faculty Liaison: Pawel Grzegorzolka, Ph.D., Assistant Teaching Professor, Syracuse University

Description: Calculus, the mathematics of change, is essential for understanding planetary motion, population dynamics, and optimization in engineering. This rigorous first course is designed for students in mathematics, physical sciences, engineering, or other technical fields requiring deep quantitative fluency. Students master foundational concepts like limits, continuity, differentiation, and integration, applying them to solve real problems from physics, engineering, and the sciences. Curve sketching develops geometric intuition, while applications span optimization, related rates, motion analysis, and area calculations.

MAT 296 Calculus II

Credits: 4

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance
Faculty Liaison: Duane T. Graysay, Ph.D., Associate Professor, Syracuse University

Description: This course is the second sequence in calculus. Applications of the definite integral, integration by parts, partial fractions, trigonometric substitutions, improper integrals, series, power series, parametric equations, polar coordinates.

MAT 397 Calculus III

Credits: 4

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance
Faculty Liaison: Dan Zacharia, Ph.D., Professor Emeritus, Syracuse University

Description: This course completes the calculus sequence by teaching techniques for analyzing functions of multiple variables, essential for modeling electromagnetic fields, fluid flow, heat distribution, and other physics and engineering phenomena. Students work with vectors in three-dimensional space, analyze motion along curves, optimize functions of several variables, and evaluate integrals over regions and surfaces. The course culminates in vector calculus, unifying concepts through fundamental theorems connecting different types of integrals.

MAT 414 Introduction to Ordinary Differential Equations

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Tavish Van Skoik, Assistant Director, Syracuse University Project Advance
Faculty Liaison: Dan Zacharia, Ph.D., Professor Emeritus, Syracuse University

Description: Differential equations describe how quantities change over time, from modeling spring oscillations to predicting population dynamics and analyzing electrical circuits. This course introduces essential mathematical techniques for science and engineering applications where rates of change govern system behavior. Students master analytical and qualitative methods for solving first-order equations, second-order linear systems, and systems of equations. Advanced techniques like power series solutions, Laplace transforms, and special functions extend problem-solving capabilities.

PHY 101 Major Concepts of Physics I

Credits: 4

Typical Class Size: 10 to 20

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance
Faculty Liaison: Carl Rosenzweig, Ph.D., Professor Emeritus, Syracuse University

Description: Explores the fundamental laws which govern the universe with emphasis on the concept of energy as a unifying principle. No science prerequisites. Knowledge of elementary algebra required. Includes Laboratory.

PHY 102 Major Concepts of Physics II

Credits: 4

Typical Class Size: 10 to 20

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance
Faculty Liaison: Carl Rosenzweig, Ph.D., Professor Emeritus, Syracuse University

Description: Explores the fundamental laws which govern the universe. Presents overview of basic ideas and contemporary research in physics. No science prerequisites. Knowledge of elementary algebra required. Includes Laboratory.

PHY 211 General Physics I

Credits: 3

Typical Class Size: 10 to 20

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Carl Rosenzweig, Ph.D., Professor Emeritus, Syracuse University

Description: First half of a two semester introduction to classical physics including mechanics and thermal physics. Uses calculus. Knowledge of plane trigonometry required.

PHY 212 General Physics II

Credits: 3

Typical Class Size: 10 to 20

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Carl Rosenzweig, Ph.D., Professor Emeritus, Syracuse University

Description: Second half of a two semester introduction to classical physics including electricity, magnetism and light.

PHY 221 General Physics Laboratory I

Credits: 1

Typical Class Size: 10 to 20

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Carl Rosenzweig, Ph.D., Professor Emeritus, Syracuse University

Description: Techniques of laboratory work: treatment of random errors, graphical representation of data. Experimental demonstration of principles of mechanics, thermodynamics, and waves (of vector forces, conservation of momentum and energy, thermal properties of gases).

PHY 222 General Physics Laboratory II

Credits: 1

Typical Class Size: 10 to 20

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Carl Rosenzweig, Ph.D., Professor Emeritus, Syracuse University

Description: Experimental study of principles of electromagnetism and their application in electrical circuits. Use of electronic instruments, such as the oscilloscope.

PST 101 An Introduction to the Analysis of Public Policy

Credits: 3

Typical Class Size: 15 to 25

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Richard Barton, Ph.D., Assistant Teaching Professor, Syracuse University

Description: Develop research and problem solving skills to create government policies that address current social and economic problems facing the United States. Students study policy problems of their choice.

PSY 205 Foundations of Human Behavior

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Sean M. Conrey, Ph.D., Associate Director, Syracuse University Project Advance

Faculty Liaison: Meredith Martin, Ph.D., Associate Teaching Professor, Syracuse University

Description: Fundamental principles of mental life and human behavior. Significance of psychology in human relationships and self-understanding.

SOC 101 Introduction to Sociology

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Christina Parish, Ph.D., Director, Syracuse University Project Advance

Faculty Liaison: Andrew S. London, Ph.D., Professor, Syracuse University

Description: Principal concepts, methods, and findings in sociology. Societal structures, processes, institutions, and social roles from both macro- and microanalytic human behavior perspectives.

SPA 201 Spanish III

Credits: 4

Typical Class Size: 10 to 20

SUPA Administrator: Kennia Delafe, Assistant Director, Syracuse University Project Advance

Faculty Liaison: Elizabeth Juarez-Cummings, Ph.D., Associate Teaching Professor, Syracuse University

Description: Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Spanish.

SPM 200 Principles of Esports

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Joey Gawrysiak, Ph.D., Professor of Practice, Syracuse University

Description: Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester.

Repeatable

SPM 205 Principles and Contemporary Issues in Sport Management

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Eric Young, Senior Associate Director, Syracuse University Project Advance

Faculty Liaison: Gina Arlene Pauline, Ed. D, Associate Professor, Syracuse University

Description: Overview of the sport industry through examination of problems and issues faced by contemporary sport managers. Unique characteristics of sport and resulting social and ethical responsibilities of sport managers are discussed using case study method.

URP 150 Undergraduate Research I

Credits: 4

Typical Class Size: Max 25

SUPA Administrator: David Tate, Associate Director, Syracuse University Project Advance

Faculty Liaison: James T. Spencer, Ph.D., Professor, Syracuse University

Description: Research or other academic work in conjunction with faculty-generated and sponsored research or professional work project as administered through the Undergraduate Research Program.

URP 250 Undergraduate Research Program II

Credits: 4

Typical Class Size: Max 25

SUPA Administrator: David Tate, Associate Director, Syracuse University Project Advance

Faculty Liaison: James T. Spencer, Ph.D., Professor, Syracuse University

Description: Research or other academic work in conjunction with faculty-generated and sponsored research or professional work project as administered through the Undergraduate Research Program.

WGS 101 Introduction to Women's and Gender Studies

Credits: 3

Typical Class Size: 10 to 25

SUPA Administrator: Sean M. Conrey, Ph.D., Associate Director, Syracuse University Project Advance

Faculty Liaison: Gwendolyn D. Pough, Ph.D., Associate Dean of Strategic Initiatives, Syracuse University; Dana Olwan, Ph.D, Associate Professor, Syracuse University

Description: Introduces the interdisciplinary field of women's and gender studies; gender as a social construct shaped by race, social class, sexuality, disability, and nation; and feminist theories of oppression, power, and resistance.

WRT 105 Studio 1: Practices of Academic Writing

Credits: 3

Typical Class Size: 15 to 20

SUPA Administrator: Sean M. Conrey, Ph.D., Associate Director, Syracuse University Project Advance

Faculty Liaison: Jonna Gilfus, Ph.D., Associate Teaching Professor, Syracuse University

Description: Study and practice of writing processes, including critical reading, collaboration, revision, editing, and the use of technologies. Focuses on the aims, strategies, and conventions of academic prose, especially analysis and argumentation.

WRT 114 Writing Culture: Introduction to Creative Nonfiction

Credits: 3

Typical Class Size: 15 to 20

SUPA Administrator: Sean M. Conrey, Ph.D., Associate Director, Syracuse University Project Advance

Faculty Liaison: Ivy Kleinbart, Professional Writing Instructor, Syracuse University

Description: Nonacademic writing; creative nonfiction, memoir, the essay. Students write texts experimenting with style, genre, and subject; read contemporary nonfiction texts by varied authors; attend lectures/readings of visiting writers.