

# Syracuse University

## Project Advance

### **Program Description:**

Syracuse University Project Advance is a cooperative program between Syracuse University and your high school that allows high school students to enroll in Syracuse University courses. Teachers who are also adjunct SU instructors teach these classes in the high school, and they follow the curriculum and guidelines established by the University. The Project Advance program enables high school students to gauge their ability to do college work prior to full-time college study. Upon successful completion of a Syracuse University course, students are awarded SU transcripts that record credits earned. These credits are transferable to hundreds of colleges and universities nationwide. Please note that there is a per-credit tuition charge associated with SU courses, although this charge is significantly discounted and financial aid is available to eligible students. For more information about Syracuse University Project Advance, contact your guidance counselor or visit [www.supa.syr.edu](http://www.supa.syr.edu).

### **Course Descriptions:**

#### **ACC 151**

##### **Introduction to Financial Accounting**

Syracuse University credit: 4 credits

Prerequisites: Students should have an average grade of B or better in high school math courses and be recommended by their high school math or business instructor.

This course introduces students to financial accounting concepts that aid entrepreneurs, managers, and investors in planning, operating, and analyzing a business. Through its emphasis on interpreting financial statements, this class provides a foundation for managing a business as well as for making personal investment decisions. Students are required to complete a comprehensive project that demonstrates their ability to analyze the financial statements of publicly traded companies and make an informed investment decision based on the analysis. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

#### **BIO 121-123/124**

##### **General Biology I and II**

Syracuse University credit: 8 credits

This is a two-semester, eight-credit college course offered through Syracuse University. The course teaches modern biological concepts, including classification of organisms, ecology, human influences on natural ecosystems, microscopy, cells, organic and inorganic chemistry, animal development, genetics, energy, and plant structure and function. During a session, the student may be asked to carry out an experiment, view a demonstration, interpret experimental

results, make a drawing to document observations, and so on. Students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

### **CHE 106/107**

#### **General Chemistry**

Syracuse University credit: 4 credits

This lecture and lab course make up the first semester of a yearlong course sequence in general chemistry offered through Syracuse University. The lecture course covers the basic concepts of chemistry that are necessary for continued study in chemistry, medicine, biology, engineering, and physics. These concepts include molecules, charged particles, atomic structure, trends in periodicity, chemical bonding, molecular geometry, kinetic molecular theory, and properties of liquids and solutions. The lab teaches basic laboratory procedures and techniques. These are college courses offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

### **CHE 116/117**

#### **General Chemistry**

Syracuse University credit: 4 credits

This second-semester lecture course covers more advanced and in-depth topics such as chemical kinetics, reaction mechanisms, chemical equilibrium, thermochemistry and thermodynamics, electrochemistry, voltaic cells, nuclear chemistry, organic chemistry, and polymers. The lab course continues to develop students' lab techniques and involves some qualitative analysis procedures. These are college courses offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

### **CHE 113**

#### **Forensic Science**

Syracuse University credit: 4 credits

This course is intended to provide an introduction to understanding the science behind crime detection. Recent advances in scientific methods and principles have had an enormous impact upon law enforcement and the entire criminal justice system, and this course will present a number of those methods that are relevant to crime detection and analysis. The course will emphasize the techniques used in evaluating physical evidence; laboratory exercises will include techniques commonly employed in forensic investigations. Topics included are blood analysis, organic and inorganic evidence analysis, microscopic investigations, hair analysis, DNA, drug chemistry and toxicology, fiber comparisons, paints, glass composition and fragmentation, fingerprints, soil comparisons, and arson investigations, among others. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **CLS 105**

### **College Learning Strategies**

Syracuse University credit: 3 credits

Co-requisite: A college or AP course must be taken simultaneously with CLS 105.

College Learning Strategies is the study and application of strategic approaches to learning. Strategies are presented and practiced in order for students to maximize their learning in the context of college lectures, readings, recitations, and independent learning situations. After studying a variety of learning techniques, students will create their own strategies by defining their goals, selecting and implementing strategies, and evaluating the effectiveness of those strategies in their other courses. Some of the topics covered include time and stress management, organizational patterns, note taking, graphic organizers, memory, exam preparation, motivation, collaborative learning, and self-assessment. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **CPS 155**

### **Introduction to Cybersecurity**

Syracuse University credit: 3 credits

This course presents fundamental concepts of security, network organization and operation. Through lectures and lab time, the class will introduce mechanisms and history of software, hardware, and OS security, and it will differentiate between physical, organizational and personal security. By the end of the course, students will be able to monitor a network's functions and performance, control a network's configuration, determine what security is and how it relates to a network, detect and respond to an attack on a network, determine if a network is vulnerable to an attack, prevent harm to a network, and analyze the impact of the protection. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **CPS 185**

### **Introduction to Animation and Game Development**

Syracuse University credit: 3 credits

This three-credit course offers a highly visual, non-mathematical introduction to computing and computer programming. Our vehicle is the Alice development environment, which allows students without prior experience to rapidly create 3D virtual worlds like those seen in video games. Students will choose environments, populate them with features, creatures and sounds, and animate these elements in simulated three-dimensional space to tell stories, play games, give interactive instructions, etc.

Students work in a small team creating virtual worlds for assignments and a final project, learning the principles of computer programming in the process. You will see the results of your efforts immediately. We aim to improve your skills in exact thinking, analysis/design, and problem-solving, while providing an enjoyable path to more formal study of computing and programming. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **CRS 325**

### **Presentational Speaking**

Syracuse University credit: 3 credits

This course presents the conceptual and practical dimensions of formal presentations in organizational settings. We will examine analysis, adaptation, strategic arrangement, development of ideas, and verbal and nonverbal presentation skills. This course is designed to build a solid understanding of the fundamentals of public presentations, as well as the ability to employ those skills flexibly so that a speaker can adjust selected topics and tactics to specific audiences. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **CSE 283**

### **Introduction to Object-Oriented Design**

Syracuse University credit: 3 credits

This course focuses on software design principles. It covers the design of computer programs, including top-down and object-oriented design, analysis, testing, user interface, documentation, data structures and graphic I/O. Applications are drawn from science and engineering, and are programmed in C++. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **EAR 203**

### **Earth System Science**

Syracuse University credit: 4 credits

In today's world, with increasing global population, the threat of global warming, and a growing demand for raw materials and energy, a basic understanding of the Earth system is more important than ever. Students taking this course will learn how the basic elements of the Earth interact through various linkages and feedbacks that operate over timescales from a few years to millions of years. This course illustrates the interconnectedness of biologic, hydrologic, atmospheric, and geologic processes in shaping our planet. This new approach to geology reflects a more integrated view towards the study of the Earth. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **ECN 203**

### **Economic Ideas and Issues**

Syracuse University credit: 3 credits

This course provides an introduction to modern Western (neoclassical) economic thought. Beginning with the individual in the simplest of situations, a one-person society, the course moves step by step to develop a model of a complex society based on division of labor and exchange through markets. The process takes students from the microeconomic to the macroeconomic level, emphasizing the connection between these two perspectives. Students will examine the benefits, as well as the problems, inherent in a market-oriented economy. The course prepares students to analyze and understand the ongoing economic policy debate between

interventionists and non-interventionists. Students will also develop a strong foundation in neoclassical analysis that is applicable to other academic fields as well as to students' everyday experiences. The course is rigorous, but not heavily mathematical. Students should understand basic algebra and geometry. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

### **ECN 305**

#### **The Economics of Personal Finance**

Syracuse University credit: 3 credits

This three-credit course is an Economics course. It applies the fundamental Economic problem – how to efficiently allocate (finite) resources in order to most effectively meet (infinite) human wants and needs – to the study of Personal Finance. In this context, the course covers vocabulary, institutional structures, concepts, and issues to take on the problem of most efficiently allocating finite financial resources to effectively meet students' wants and needs as households in terms of gaining and preserving financial security, now and throughout their lives. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

### **ECS 102**

#### **Introduction to Computing**

Syracuse University credit: 3 credits

This introductory college course covers computing concepts, principles of programming, applications of computing concepts, and problem solving in engineering and computer science. Laboratory topics will include problem-solving projects from various engineering disciplines. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

### **EEE 370**

#### **Introduction to Entrepreneurship**

Syracuse University credit: 3 credits

This is an introductory course intended to provide students with a solid foundation and understanding of the vital role played by entrepreneurs and entrepreneurship in the 21<sup>st</sup> century global economy. During the course, we will assess, explore, critique, and celebrate the phenomenon of entrepreneurship, including its role in society, its process nature, and its ethical dilemmas. Our emphasis is on entrepreneurship as a manageable process that can be applied in virtually any organizational setting, and our primary focus will be on the creation of new ventures, the ways that they come into being, and the factors associated with their success. This course integrates a number of different disciplines, ranging from sociology and psychology to economics, finance, marketing, and human resource management. It also mixes theory and practice, and students will be challenged to apply principles, concepts, and frameworks to real-world situations. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **ENG 181**

### **Class and Literary Texts**

Syracuse University credit: 3 credits

ENG 181: Class & Literary Texts explores the construction and representation of social class, especially as it affects the production and reception of literary and other cultural texts. Concepts such as social stratification, inequality, and the relationship between wealth, privilege and power provide critical lenses through which to read texts. Fostering a richer understanding of their own implication within these systems of power, this course helps students become better writers and stronger interpretive readers by practicing close reading, evidence-based analysis and argumentation, and independent-inquiry skills. Thus through interpretive practice students develop a basic understanding of core concepts of social class, including stratification, inequality, privilege, capitalism and labor.

## **ENG 192**

### **Gender and Literary Texts**

Syracuse University credit: 3 credits

ENG 192: Gender & Literary Texts explores the construction and representation of ‘gender,’ especially as it affects the production and reception of literary and other cultural texts. The course foregrounds readers’ *interpretive* practices, i.e., how we read and make meaning in texts, particularly if we interpret them using the premise that gender is a social construct—rather than a natural, ahistorical “essence” that somehow “expresses” our true “selves.” To examine the ways in which literature participates in the social reproduction of gender, as well as the difference that gender makes in the production and reception of literary texts, students will practice extensive close reading, evidence-based analysis and argumentation, and independent-inquiry. Raising awareness of how meanings are created through acts of critical reading, students will thus learn to analyze the ways texts construct categories of difference, including differences of gender, race and social class.

## **FRE 201**

### **French III (Intermediate French)**

Syracuse University credit: 4 credits

This course allows students with skills at the intermediate level to continue their learning of the language and to prepare them for continuing into advanced university courses. By the end of the course, students should be able to sustain understanding of main ideas and details over long stretches of continued discourse, whether written or oral. They should also be able to read a variety of texts with increased comprehension and to write well enough to meet practical needs. Course work will include the use of film and video to develop listening and note-taking skills; role-playing, interviews, and extended narrative accounts to develop speaking skills; and the composition of letters, journals, summaries and reports to develop writing skills. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **GER 201** **Intermediate German**

Syracuse University credit: 4 credits

GER 201 is a four-credit intermediate level class. The class is conducted in German and targeted to students who have reached the novice high to intermediate low level of proficiency in German. In GER 201, students review grammatical concepts they are already familiar with from earlier German classes and improve and refine their abilities to speak, write, and understand German. The goal of GER 201 is to bridge the gap between beginners' classes and more advanced studies in the language and culture of the German speaking countries. In addition to work in the textbook, students engage in a variety of activities and projects working with authentic material, such as literary texts; newspaper articles; Internet resources and exercises; songs; films; and excerpts of TV and radio shows. The material allows students to increase their language proficiency as well as broaden their cultural knowledge. By the end of GER 201, students will be able to use the language independently. They will understand the main ideas of a complex text, interact with a degree of fluency and spontaneity, produce clear, detailed text on a wide range of subjects, and explain a viewpoint on a topical issue. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **HFS 202** **The Development of Children**

Syracuse University credit: 3 credits

HFS 202, The Development of Children, is an overview of the principles of development during infancy, childhood, and youth and the factors that contribute to children's optimal development. The course provides students with an understanding of developmental theories, research methodology, developmental milestones, and the outcomes of developmental processes. In addition, students learn to apply the knowledge and skills they acquire in the classroom to applied settings in order to integrate these experiences. Dr. Carter has developed exercises to accomplish these goals or local instructors can tailor experiences to the individual needs of students or to the resources available in their schools. Students may be able to apply this experience to certifications such as the Child Development Associate (CDA) administered in New York.

## **HFS/SPM 327** **Human Development and Sport**

Syracuse University credit: 3 credits

Human Development and Sport, examines the dynamics of youth development, social change, and social inclusion in the context of sport. Students examine perspectives of youth development and principles of sport that facilitate personal, social, and cultural development. Students explore ways in which sport-for-development programs provide positive environments and opportunities for collaboration, social change, inclusion, and human enrichment. The connections of sport-based initiatives to community, national, and global developmental issues are explored.

## **HST 101-102**

### **American History**

Syracuse University credit: 6 credits

The American History sequence is a full-year college course comprised of History 101: American History to 1865 and History 102: The United States Since 1865. In this course we will study American attitudes and beliefs about political democracy, social justice, economic opportunity, equality, and the environment, and we will trace how those attitudes and beliefs have evolved in the first two-and-a-half centuries of American history. We will study history as a process through which our society and our country came to be as they are today. It is hoped that, by the end of the course, students will not only know more about the American experience, but will have learned how to read critically, to construct persuasive arguments, to use evidence effectively, and to hone a variety of crucial analytic skills. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **IST 195**

### **Information Technologies**

Syracuse University credit: 3 credits

Information Technologies is a basic course in personal information management tools and the place of information technology in the workplace. Going beyond a basic computer literacy course, IST 195 exposes students to a wide variety of techniques to manage information in computerized form, from basic spreadsheet concepts to complex database management systems. Students learn how to develop search strategies to find information in the library, on the World Wide Web, and in massive commercial information retrieval systems.

## **IST 256**

### **Applications Programming for Information Systems**

Syracuse University credit: 3 credits

Due to the prevalence of technology in our lives, learning to program has become the critical skill of the 21st century. Students will learn practical applications of computer programming such as how to automate tasks, manipulate data and solve problems applicable to almost any academic discipline.

Structured program design, development testing, implementation, and documentation of common information system applications using structured programming languages. Lectures and laboratory.

## **IST 263**

### **Design and Management of Internet Services**

Syracuse University credit: 3 credits

Combining entrepreneurial methods with real world projects, Web Design and Management is an intensive course that covers the construction and publication of websites for the Internet. Students study and utilize a user-based approach to planning, design, implementation, and management of the websites, all with an entrepreneurial focus. Students



become very proficient in HTML, CSS, and PHP, and develop their final projects utilizing a Content Management System (CMS). After taking the course, every student should have the ability and confidence to design and program a website for a small- to medium-sized business or organization. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

### **IST 322**

#### **Digital Strategy**

Syracuse University credit: 3 credits

IST 322, Digital Strategy and Analytics (3 credit course) offers students a behind the scene peek into an organization's digital strategy. With communicators relying less on traditional mediums, digital marketing landscape continues to grow at rapid pace. Organizations are not just creating great websites they are implementing techniques to attract and measure user interactions. IST 322 will give students a hands-on experience with key digital strategies like SEO, Online advertising, email marketing, and deep web analytics. This has a pre-req of IST 263.

### **IST 323**

#### **Introduction to Information Security**

Syracuse University credit: 3 credits

IST 323 is intended to teach fundamental elements in information security and introduce the key areas of security challenges, countermeasures, and real-life examples. Topics include security properties, vulnerabilities, cryptography, security policies, access control, authentication, firewalls, wireless security, Internet security protocols, security management, security evaluation, and case studies. Students will also have hands-on experiences in information security through customized online labs.

### **ITA 201**

#### **Italian III (Intermediate Italian)**

Syracuse University credit: 4 credits

This course is designed to further develop, strengthen, and refine students' language skills. Conducted completely in Italian, the course will review Italian grammar, polish writing and speaking skills, and offer consistent exposure to Italian language and culture. Class work will include interactive oral activities, weekly compositions, and reading and discussion of a variety of authentic texts that span literature, current events, and cultural life. In addition, students will watch films, documentaries, and Italian television programs as the basis for written assignments and discussion. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **LAT 201**

### **Latin III**

Syracuse University credit: 4 credits

Through review of elementary morphology and syntax and further study of idioms, rhetorical figures, and increasingly complex syntactical constructions, the student will transition from reading adapted to un-adapted Latin text. Both medieval and classical texts will be studied. In addition to increasing skill in reading Latin texts, students will learn about classical Roman culture, and should gain a greater appreciation for the eloquence of Latin prose style. The class structure will be largely lecture and discussion. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **LAT 310**

### **Latin Prose Authors**

Syracuse University credit: 3 credits

In this course, students will continue to develop their Latin skills as they read Catullus and other selected Roman authors chosen by the students. Students in LAT 310 also will read about the history of the late Republic and Early Empire. The course will cover the *De Catilinae Coniuratione* of Sallust and the *Catilinarian Orations* of Cicero. Selections from other prose authors will be introduced throughout the course for review, sight reading, and parallel purposes. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **LAT 320**

### **Latin Poets**

Syracuse University credit: 3 credits

Latin 320 begins with prose texts (Cicero's *Catilinarian Orations*, Sallust's *De Catilinae Coniuratione*), then moves on to poetry (selections from Catullus and Lucretius). Students will read a variety of secondary sources on the history of the late Republic and Early Empire. They also will learn how to scan and read the Latin meters of the poems they're reading, and will do some brief English-to-Latin translation exercises. Students can expect to read 60 to 100 lines per week. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **MAT 221-222**

### **Elementary Probability and Statistics I and II**

Syracuse University credit: 6 credits (3 credits per course)

Prerequisite: Algebra competency

This is a two-course sequence in college statistics. The first-semester course provides students with knowledge of elementary probability and statistics. Students will learn basic concepts of descriptive statistics, data collection, probability, and random variables. These concepts prepare students for the second-semester course, which develops a working understanding of the use of a variety of inferential techniques. The sequence culminates in a data analysis project, in which students develop and solve a statistical problem using the methods

learned in the course. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

**MAT 295**  
**Calculus I**

Syracuse University credit: 4 credits

MAT 295 is the first course of a three-semester course in Calculus offered by the Department of Mathematics. This sequence is designed for science and engineering majors, and for students in other disciplines who intend to take upper level mathematics courses. The sequels to MAT 295 are MAT 296 and MAT 397. Each of these three courses carries 4 credits.

MAT 295 covers concepts of functions, limits, differentiation, integration, and includes applications of these concepts such as graph sketching, optimization, linearization, and the computation of areas, volumes, and arc lengths. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

**MAT 296**  
**Calculus II**

Syracuse University credit: 4 credits

MAT 296 is the second course of a three-semester course in Calculus offered by the Department of Mathematics. This sequence is designed for science and engineering majors, and for students in other disciplines who intend to take upper level mathematics courses. The sequel to MAT 296 is MAT 397. Each of these three courses carries 4 credits.

MAT 296 covers concepts of areas between curves, volumes of revolution, techniques of integration, further applications of integration to find the arc length and area of the surface of revolution, parametric equations and polar coordinates and infinite sequences and series.

**MAT 397**  
**Calculus III**

Syracuse University credit: 4 credits

Prerequisite: Students must fulfill one of the following prerequisites: 1) passing Syracuse University MAT 295 and 296 with a grade of C- or better; 2) earning a score of 4 or better on the AP BC Calculus exam; or 3) earning a qualifying score on University examinations.

This is the third course in a three-semester calculus sequence designed for mathematics, science, and engineering majors. Concepts covered include vectors, vector-valued functions, functions of several variables, partial derivatives, and multiple-integration. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **MAT 414**

### **Introduction to Ordinary Differential Equations**

Syracuse University credit: 3 credits

Prerequisites: Passing Syracuse University MAT 295 and 296 with a grade of C- or better; **or** earning a score of 4 or better on the AP BC calculus examination; **or** earning a qualifying score on university examinations **and** passing MAT 397 with a grade of C or better.

MAT 414 is a first course in the study of differential equations. Topics covered include the analytic and qualitative aspects of first-order differential equations (linear and nonlinear), second order linear equations, Laplace transforms, and systems of first order linear equations. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **PST 101**

### **An Introduction to the Analysis of Public Policy**

Syracuse University credit: 3 credits

This course is designed to provide students with basic research, communication, and decision-making skills used in public policy analysis. Students will develop a range of applied social science skills that will help them to make more informed choices as citizens, as workers, and as consumers. While studying particular public policy issues, students will practice collecting information and will examine the use of graphs, tables, statistics, surveys, and other informal interviewing procedures. In addition, students will identify a social problem and come up with a proposed public policy to deal with it. They will forecast the impact of that policy on societal conditions, analyze the political factors affecting the policy, and develop strategies to implement the proposed public policy. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **PHY 101-102**

### **Major Concepts of Physics I and II**

Syracuse University credit: 8 credits (4 credits per course)

This is the one-year introductory, non-calculus physics sequence offered through Syracuse University. This algebra-based course includes a regularly scheduled lab and provides the necessary physics background for health professionals and others who need physics but are not required to take a calculus-based course. The first semester, PHY 101, will cover traditional topics in mechanics, such as kinematics, Newton's laws, circular motion, gravity and planetary motion, work, energy, momentum, rotational motion, vibrations, and kinetic theory. This semester stresses problem solving and conceptual understanding. The second semester, PHY 102, treats topics dealing with electricity, magnetism, and optics. Students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

**PSY 205****Foundations of Human Behavior**

Syracuse University credit: 3 credits

This is an introductory psychology course that surveys the basic principles and research findings within the major areas of psychology, including learning, memory, cognition, development, personality, and social psychology. Students will be presented with opportunities to conduct their own research and to discuss current topics, events, real-life experiences, and applications of psychological theories and research. The course also provides a degree of freedom for students to pursue individual topics of interest. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

**SOC 101****Introduction to Sociology**

Syracuse University credit: 3 credits

This is an analytic, skills-based introduction to sociology class that encourages students to see and think about the social world, themselves, and the relations between themselves and the social world in new ways. As this writing-intensive course progresses, students should develop increasing skill in analytic reading and writing, sociological reasoning, empirical research and investigation, and the ability to make empirical and conceptual generalizations about self and society in an increasingly global world. Major topics include: culture, groups, and social structure; the power and influence of the media; self and identity; social inequalities based on race, class, and gender; and social change. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

**SPA 201****Spanish III (Intermediate Spanish)**

Syracuse University credit: 4 credits

Using film, TV/radio, and literary texts, this proficiency-based course reviews understanding of the formal structures of language, refines previously acquired linguistic skills, and builds awareness of Spanish culture. Students will use sources in a variety of media to develop oral, listening, writing, and reading skills. By the end of the course, students can be expected to communicate effectively in the language in order to give and get information; survive both predictable and complicated situations; narrate and describe in present, past, and future time; support opinions; and hypothesize. Classes are conducted in Spanish. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **SPM 205**

### **Principals & Contemporary Issues in Sport Management**

Syracuse University credit: 3 credits

SPM 205: Principles and Contemporary Issues in Sport Management is an introductory course offered through the Syracuse University David Falk College of Sport and Human Dynamics. SPM 205 introduces the student to sport management concepts and sectors through an examination of problems and issues faced by contemporary sport managements. Unique characteristics of sport and resulting social and ethical responsibilities of sport managers will be discussed. In addition to the use of traditional pedagogical teaching methods to deliver basic sport management concepts, students are required to complete a comprehensive, hands-on project that demonstrates their comprehension of the different sectors of the industry covered throughout the semester. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **URP 150/250**

### **Science Research 1**

Syracuse University credit: 4 credits

The primary goals of the SUPA Science research Program is to provide critical opportunities for gifted students to understand what constitutes modern scientific research and to gain first-hand mentored experience in research in the scientific disciplines. These goals are achieved through both a close examination of the scientific discovery and communication process and through direct "hands-on" involvement in carefully guided basic and applied research projects. The scientific development and encouragement of young scientists in this Program is promoted and fostered through direct and frequent interactions between teachers, science research professionals and other program participants.

## **WRT 105**

### **Practices of Academic Writing**

Syracuse University credit: 3 credits

This course teaches students strategies of critical academic writing in various genres, including analysis, argument, and researched writing. The course challenges students to understand that effective communication requires people to be aware of the complex factors that shape every rhetorical context, including issues of power, history, difference, and community; and that writing as a process involves reflection and revision. This writing course is a site of active learning where students have responsibility for their own progress and for that of their peers. Students write formal papers for each major unit, in addition to various informal writing assignments and a culminating portfolio. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.

## **WRT 114**

### **Writing Culture: Intro to Creative Nonfiction**

Syracuse University credit: 3 credits

WRT 114 focuses on the genre of creative nonfiction. Students explore varieties of creative nonfiction, such as memoir; biography; the personal essay; travel, science, and food writing; and “new journalism.” As its name suggests, creative nonfiction borrows elements from fiction and poetry (e.g., description, scene construction, dialogue, etc.) yet still aims to tell the truth. For a writer to “tell it slant,” however, is to acknowledge the ways in which one’s subjective viewpoint shapes what counts as “the truth” in telling a story about one’s own or another’s experiences.

Students will have the opportunity to experiment with style, genre, and subject in a writing studio environment and to read varied examples of contemporary creative nonfiction (e.g., Michael Pollan’s *The Omnivore’s Dilemma*, Rebecca Skloot’s *The Immortal Life of Henrietta Lacks*, George Saunders’ *The Braindead Megaphone*, etc.). Students will craft and workshop their own creative nonfiction compositions. This is a college course offered through Syracuse University, and students paying the (discounted) fee for SU credit will receive a Syracuse University transcript.