

## Academics

The College offers degree and certificate programs within the broad categories of business, health professions, human services, technology and liberal arts.

As a member of the 64-school State University of New York, SUNY Orange affords its students the confidence that all, or most, of their credits will transfer to a four-year SUNY institution, meaning they can remain on track to complete their studies. The College has also established transfer agreements with many other colleges and universities to facilitate smooth transitions for our students.

The College is committed to providing “experiential learning” opportunities. For example, accounting students have assisted community members with filing their taxes; engineering students have developed a solar-powered car and boat; biology students have participated in local water monitoring and mosquito trapping; and architecture students have visited local sites to enhance their classroom learning. Health professions students enjoy the highest-quality clinical experiences available.

Student research, as another means of expanding academic horizons, is encouraged. The College supports such endeavors by hosting an annual SUNY Orange Achievements in Research and Scholarship (SOARS) conference. There is also a robust Honors Program for students who desire a more challenging academic experience. In addition, SUNY Orange offers students a chance to secure a bachelor’s degree in certain programs without ever leaving Orange County, thanks to its relationship with Franklin University and its Community College Alliance.

Continuing and Professional Education (CAPE) programming provides non-credit courses in a host of subject areas, including technology, healthcare, business and enrichment.

### Associate Degrees

Orange County Community College operates under the supervision of the State University of New York and is authorized by the Board of Regents of the University of the State of New York to award three degrees—the Associate in Arts (A.A.), the Associate in Science (A.S.), and the Associate in Applied Science (A.A.S.).

The Associate in Arts and the Associate in Science degrees are designed for students who intend to transfer to four-year colleges or universities. The Associate in Applied Science degree is awarded in professional/technical fields and is designed to prepare the graduate for the demands of the world of work.

### One-Year Certificate Programs

The College also offers a number of one-year certificate programs. They are designed to develop job-entry skills at the collegiate level.

### General Degree Requirements

The following academic standards apply to all first degrees:

- 6 credits of Freshman English
- 6 credits of Social Sciences
- Achievement of at least an overall “C” average (CGPA of 2.00)
- 30 of the total number of required credits must be taken at SUNY Orange
- For all A.A.S. degree programs, students are also required to achieve at least an overall “C” average (CGPA of 2.00) in their professional/technical major

Each of the degrees must meet the minimum requirements as set forth by New York State Education Law. These include at least 60 credit hours of study of which 45 credits must be in the liberal arts for the A.A. degree, 30 credits for the A.S. degree and 20 credits for the A.A.S. degree. Each degree program must also meet General Education requirements set forth by the State University of New York.

As of the Spring 2011 semester, students enrolled in the Business Management, Criminal Justice, Criminal Justice–Police, Human Services, Liberal Arts: Humanities and Social Science, Liberal Arts: Individual Studies and Nursing degree programs on the Newburgh campus can complete all of their degree requirements at that campus. Additionally, as of Fall 2021 students enrolled in the Business Administration degree programs on the Newburgh campus can complete all of their degree requirements at that campus. Students enrolled in the College’s remaining degree programs may take courses in Newburgh but must also complete a portion of their degree requirements at the Middletown campus.

Students may complete no more than 30 of their credits online, unless they are enrolled in a program for which the College has approval from SUNY to offer in the distance learning format. A notation appears on each of the individual programs for which SUNY has approved the distance learning format.

- Accounting A.S.
- Accounting A.A.S.

- Accounting Procedures Certificate
- Business Administration A.S.
- Business Management A.A.S.
- Clerical Office Assistant Certificate (no longer accepting new students)
- Criminal Justice A.S.
- Criminal Justice-Police A.A.S.
- Human Services A.S.
- International Studies A.A.
- Law Enforcement/Security Certificate
- Liberal Arts and Sciences: Individual Studies A.S.
- Liberal Arts & Sciences: Humanities and Social Sciences A.A.
- Liberal Arts & Science: Mathematics and Science A.S.
- Marketing A.A.S. (no longer accepting new students)
- Medical Office Management A.A.S. (no longer accepting new students)
- New Media A.A.S.
- Office Technologies A.A.S.: Legal Office Assistant (no longer accepting new students)
- Office Technologies A.A.S.: Office Management (no longer accepting new students)
- Office Technologies A.A.S.: Secretarial/Word Processing (no longer accepting new students)
- Public Health A.S.
- Teaching Assistant Certificate
- Visual Communications Technology: Graphic Arts/Printing A.A.S.

The degree earned depends upon the educational and career goals of the individual. Each of the degrees offered at SUNY Orange is listed by degree title on the pages that follow with a description of the purpose, goals and specific course requirements.

## Online Learning

SUNY Orange currently offers several courses online through the internet each year. In addition, students may take courses which are "hybrid" or fully "online." Students may access these courses from home, on campus, or wherever they can obtain internet access.

## Web Enhancement

Students should expect to be exposed to academic technologies as part of their educational experience at SUNY Orange. Many courses make use of internet technology to support the distribution of course materials and student access to additional resources. This can include graded assignments that require participation in an online activity or activities in addition to the required meeting time on campus. Students should consult with their faculty if they have questions about any of the assignments within their courses or need assistance with an assignment that requires the use of technology. Expectations will be made explicit on course syllabi.

## Hybrid

Hybrid courses make use of educational technology to deliver instructional content and reduce the amount of time a student is required to be physically present in the classroom. The hybrid instructor may deliver a portion of instructional content of the course in an online format. On-campus presence of a student enrolled in a hybrid course is still required, though reduced.

## Online

A fully online course is one that can be accessed via the internet with a web browser. It supports all the other services mentioned previously, as well as builds a learning community with the course taking place completely online.

To participate in online learning, students must have internet access (a broadband connection is recommended) and use a current software browser (Firefox, Microsoft Edge, Safari or Chrome). In addition, pop-up blockers must be disabled and cookies and javascript must be enabled. Adobe Acrobat Reader (a free download) is also recommended. Students must use their SUNY Orange email accounts. Online courses will be delivered via the College's Learning Management System (LMS).

It is strongly recommended that students use a desktop or laptop computer for viewing or completing assignments in online coursework as the course experience can be significantly different when viewed on a cell phone, a mobile app, or a tablet.

The [online learning web page](#) offers more information about courses being offered, FAQs, etc..

## Academic Calendar

The 2023-2024 [Academic Calendar](#) is posted on the Registrar's page.

*NOTE: The College operates on a summer schedule during the months of June and July. During those months the College is closed on Fridays, and open extended hours on Monday through Thursday. The decision on whether or not to utilize a Summer schedule is made during the Spring semester. Please check the SUNY Orange website for the latest information on the College's operating Summer schedule.*

**SUNY General Education Knowledge and Skills Course Listing****G1A. MATHEMATICS (AND QUANTITATIVE REASONING)****Also known as G1A (SUNY Mathematics)**

- MAT 102 Intermediate Algebra
- MAT 111 Foundations of Elementary School Mathematics
- MAT 113 Mathematics for the Liberal Arts
- MAT 120 Introduction to Statistics
- MAT 121 College Algebra
- MAT 122 College Trigonometry
- MAT 131 Pre-Calculus
- MAT 136 Introduction to Discrete Mathematics
- MAT 205 Calculus 1
- MAT 206 Calculus 2
- MAT 207 Calculus 3
- MAT 211 Linear Algebra
- MAT 214 Differential Equations and Series

**G2A. NATURAL SCIENCES (AND SCIENTIFIC REASONING)****Also known as G2A (SUNY Natural Sciences)**

- AST 120 Astronomy
- BIO 101 General Biology 1
- BIO 102 General Biology 2
- BIO 110 Introduction to Biology
- BIO 111 Anatomy and Physiology 1
- BIO 112 Anatomy and Physiology 2
- BIO 115 Human Biology
- BIO 141 The Diversity of Life
- BIO 143 Field Biology
- BIO 148 Environmental Conservation
- BIO 201 Genetics
- BIO 204 General Botany
- BIO 205 General Ecology
- BIO 210 Study of Biological Habitats
- CHM 100 Introduction to Chemistry
- CHM 101 General Chemistry 1
- CHM 102 General Chemistry 2
- CHM 103 Applied Chemistry 1
- CHM 104 Applied Chemistry 2
- CHM 201 Organic Chemistry 1
- CHM 202 Organic Chemistry 2
- GLG 101 Earth Science
- GLG 110 Physical Geology
- GLG 210 Historical Geology
- HRT 101 General Horticulture
- HRT 150 Horticultural Cannabis
- MLT 209 General Microbiology
- PHY 101 General Physics 1
- PHY 102 General Physics 2
- PHY 103 Physics for Science and Engineering 1
- PHY 104 Physics for Science and Engineering 2
- PHY 105 General Physics 1 with Calculus
- PHY 106 General Physics 2 with Calculus
- PHY 108 Acoustics
- PHY 111 Architectural Physics
- PHY 203 Physics for Science and Engineering 3
- PHY 204 Modern Physics
- PSC 125 Physical Science: The Physical World
- PSC 140 Physical Science: The Environment

## **G3A. SOCIAL SCIENCES**

### **Also known as G3A (SUNY Social Sciences)**

- ANT 101 Cultural and Social Anthropology
- ANT 102 Human Evolution
- ANT 103 Archaeology and Prehistory
- BUS 105 Business and Contemporary Economic Issues
- ECO 201 Macro-Economics
- ECO 202 Micro-Economics
- GEO 102 Human Geography
- HMS 101 Introduction to Human Services
- IDS 115 Introduction to Gender
- POL 101 Introduction to Political Science
- POL 220 Comparative Governments
- POL 221 International Relations
- PSY 111 Introduction to Psychology
- PSY 220 Developmental Psychology
- PSY 230 Abnormal Psychology
- SOC 101 Introduction to Sociology
- SOC 120 Social Problems
- SOC 202 Social Inequality
- SOC 231 The Family

## **G4A. US HISTORY AND CIVIC ENGAGEMENT**

### **Also known as G4A (SUNY US History & Gov)**

- HIS 101 United States History 1
- HIS 102 United States History 2
- HIS 107 Diversity and Inclusion: The American Experience
- HIS 203 History of African-Americans
- HIS 204 The American Civil War and Reconstruction
- IDS 114 American Civil Rights Movements
- POL 102 U.S. Government - State and Local
- POL 103 U.S. Government - National

## **G5A. WORLD HISTORY AND GLOBAL AWARENESS**

### **Also known as G5A (SUNY World History)**

- ANT 105 Native Nations of North America
- HIS 121 World History 1
- HIS 122 World History 2
- HIS 219 Ancient Asia
- HIS 220 Modern East Asia: China, Japan and Korea
- HIS 221 Modern India and Southeast Asia
- HIS 222 The Middle East
- HIS 223 Latin American History
- HIS 224 Africa: Past and Present
- HIS 230 The Greek and Roman World
- HIS 231 Medieval and Renaissance Europe
- HIS 232 The Age of Revolutions
- HIS 233 Modern Europe
- HIS 234 The History of Russia and Eastern Europe

## **G6A. DIVERSITY: EQUITY, INCLUSION AND SOCIAL JUSTICE**

### **Also known as G6A (SUNY Diversity)**

- ANT 101 Cultural and Social Anthropology
- BUS 209 Diversity in Business
- CRJ 109 Critical Issues in Law Enforcement
- ENG 218 Latin American Literature
- ENG 225 International Literature: Non-European
- ENG 230 African-American Literature
- GEO 102 Human Geography

- HIS 107 Diversity and Inclusion: The American Experience
- HIS 204 The American Civil War and Reconstruction
- HIS 232 The Age of Revolutions
- HIS 233 Modern Europe
- HMS 101 Introduction to Human Services
- HUM 202 Intro to Humanities 2: Renaissance to the 1900
- IDS 114 American Civil Rights Movements
- IDS 115 Introduction to Gender
- PSY 220 Developmental Psychology
- SOC 101 Introduction to Sociology
- SOC 120 Social Problems
- SOC 202 Social Inequality
- SOC 220 Race, Ethnicity and Society
- SOC 231 The Family

### **G7A. HUMANITIES**

#### **Also known as G7A (SUNY Humanities)**

- ART 127 History of Art 1
- ART 128 History of Art 2
- ART 203 Modern Art: The 20th Century
- COM 105 Media and Society
- ENG 102 Freshman English 2
- ENG 120 Introduction to Mythology
- ENG 203 World Literature: Ancient World Through The Renaissance
- ENG 204 World Literature: Enlightenment to the Modern Age
- ENG 205 Drama: Ibsen to O'Neill
- ENG 206 Drama: Contemporary
- ENG 207 English Literature: 14th Through 18th Century
- ENG 208 English Literature: 19th and Early 20th Century
- ENG 209 American Literature: To The Civil War
- ENG 210 American Literature: 1865 to the Present
- ENG 213 Journalism: Survey of Mass Media
- ENG 215 Shakespeare
- ENG 216 Children's Literature
- ENG 217 Film and Literature
- ENG 218 Latin American Literature
- ENG 220 Women Writers
- ENG 221 Contemporary Short Story
- ENG 222 Contemporary Novel
- ENG 223 Contemporary Poetry
- ENG 225 International Literature: Non-European
- ENG 226 Fantasy Fiction
- ENG 230 African-American Literature
- ENG 297 Special Studies in Literature: Science Fiction
- HUM 201 Introduction to Humanities: Ancient to Early Renaissance
- HUM 202 Intro to Humanities 2: Renaissance to the 1900
- MUS 101 Introduction to Music
- MUS 103 History of Western Music to 1750
- MUS 104 History of Western Music from 1750
- MUS 105 History of Jazz
- MUS 107 History of Rock Music
- PHL 111 Hebrew Bible (Old Testament)
- PHL 112 New Testament
- PHL 210 Philosophy
- PHL 220 Ethics
- PHL 230 Concepts of World Religions

### **G8A. THE ARTS**

#### **Also known as G8A (SUNY Arts)**

- ARC 215 Architecture to the 18th Century

- ARC 216 Architecture from the 19th Century
- ART 101 Introduction to Art
- ART 107 Design 1
- ART 108 Design 2
- ART 111 Color
- ART 123 Visual Communications and Graphic Design 1
- COM 103 The Speaking Voice
- COM 111 Digital Radio Production and Podcasting
- COM 207 Public Speaking
- COM 223 Screenwriting
- ENG 211 Creative Writing: Fiction
- ENG 212 Creative Writing: Poetry
- MUS 121 Fundamentals of Music
- MUS 123 Basic Musicianship 1
- MUS 124 Basic Musicianship 2
- MUS 223 Advanced Musicianship 1
- MUS 224 Advanced Musicianship 2
- THE 109 Stage Make-Up

Note: Arts courses must be combined with other one and two credit courses for a total of three credits.

## **G9A. WORLD LANGUAGES**

**Also known as G9A (SUNY World Languages)**

- CHN 101 Elementary Chinese 1
- CHN 102 Elementary Chinese 2
- CHN 201 Intermediate Chinese 1
- CHN 202 Intermediate Chinese 2
- FRE 101 Elementary French 1
- SPN 101 Elementary Spanish 1
- SPN 102 Elementary Spanish 2
- SPN 201 Intermediate Spanish 1
- SPN 202 Intermediate Spanish 2
- SPN 203 Spanish Conversation and Composition
- SPN 204 Introduction to Spanish Literature

## **G10A. COMMUNICATION - ORAL and WRITTEN**

**Also known as G10A (SUNY Communication [w]) and G10A (SUNY Communication [o])**

- ENG 101 Freshman English 1 (G10A [w]) and
- COM 101 Foundations of Communication (G10A [o])

or

- ENG 101 Freshman English 1 (G10A [w]) and
- BUS 203 Business Communications (G10A [o])

or

- ENG 101 Freshman English 1 (G10A [w]) and
- COM 100 Oral Communication (G10A [o])

*Note: Courses that are a part of the College's General Education requirement and which are followed by an H are Honors sections of regular courses. As such, they are enriched versions of courses that already meet the SUNY General Education requirement.*

## **SUNY General Education Core Competencies Course Listing**

### **G11A. CRITICAL THINKING AND REASONING**

**Also known as G11A (SUNY Critical Thinking)**

- BUS 203 Business Communications
- COM 101 Foundations of Communication
- CSC 138 Introduction to Applied Logic Through Scripting
- ENG 101 Freshman English 1

### **G12A. INFORMATION LITERACY**

**Also known as G12A (SUNY Info Literacy)**

- ENG 102 Freshman English 2

### Elective Categories

The following list is intended to provide guidance in selecting courses that must fall within specific categories to meet degree requirements. This list is not to be confused with degree requirements that state a specific SUNY General Education course must be taken. For example, if your degree requires you to take a SUNY Mathematics course or a SUNY World History course, you must follow the SUNY General Education course listing.

Also, if you are pursuing the A.A. Liberal Arts: Humanities and Social Science degree, the Social Science requirements are restricted to those courses listed within specific (A-D) categories.

Note: Regarding the lists below, when just a department is noted as meeting the requirement (for example ACC) and there is no number after this designation, this means that all course numbers preceded by ACC meet the requirement.

#### Social Science Elective (SSE)

ANT, CRJ 101, CRJ 103, CRJ 105, CRJ 109, CRJ 111, CRJ 210, ECO, GEO 102, HIS, IDS 114, IDS 115, POL, PSY, SOC

#### Math Elective (MATH)

MAT or CSC 101, CSC 102, CSC 130, CSC 201, CSC 204

#### Business Elective (BUSE)

ACC, BUS, MGT, MKT, OFT

#### Liberal Arts Science (LASC)

AST, BIO, CHM, GEO 101, GLG, MLT 101, MLT 106, MLT 110, MLT 209, PHY, PSC

#### Liberal Arts Elective (LIB)

ANT, ARC 215, ARC 216, ART, AST, BIO, BUS 105, BUS 203, BUS 209, CHM, CHN, CCS 100, CCS 101, CIT 100, COM, CSC 101, CSC 102, CSC 103, CSC 130, CSC 201, CSC 204, CRJ 101, CRJ 103, CRJ 105, CRJ 109, CRJ 111, CRJ 210, ECO, EDU 207, ENG, FLD, FRE, GEO, GLG, HIS, HON, HMS 101, HRT 101, HUM, IDS, ITA, MAT, MLT 101, MLT 106, MLT 110, MLT 209, MUS, PHL, PED 111, PED 112, PSC, PHY, POL, PSY, SOC, SPN, THE

#### General Elective (ELEC)

Any course including PES courses up to 3 credits.

#### Art at Orange Elective (ARTO)

ART 101, ART 103, ART 104, ART 107, ART 108, ART 111, ART 113, ART 114, ART 117, ART 118, ART 121, ART 122, ART 123, ART 124, ART 125, ART 223, ART 224, ART 230, COM 103, COM 107, COM 108, COM 111, COM 113, COM 115, COM 201, COM 207, COM 209, COM 221, COM 223, COM 225, COM 227, ENG 211, ENG 212, MUS 101, MUS 121, MUS 123, MUS 124, MUS 131, MUS 132, MUS 141, MUS 142, MUS 151, MUS 153, MUS 155, MUS 157, MUS 159, MUS 161, MUS 163, MUS 164, MUS 170, MUS 171, MUS 172, MUS 173, MUS 174, MUS 175, MUS 176, MUS 177, MUS 223, MUS 224, MUS 226, MUS 231, MUS 232, MUS 233, MUS 234, THE 103, THE 105, THE 107, THE 109

Developmental courses are not applicable toward any degree program.

### Guide for Social Science Requirements within the A.A. Liberal Arts: Humanities and Social Science Degree Program

12 Credits of Social Science are required (select one course from group A, B, C and D). Categories A - D must include at least one G3A (SUNY Social Science) course and one course from either G4A (SUNY US History & Gov) or G5A (SUNY World History).

#### Category A. UNITED STATES HISTORY AND GOVERNMENT

##### Also known as Cat. A

- ECO 201 Macro-Economics (G3A)
- ECO 202 Micro-Economics (G3A)
- ECO 203 Economic Development+
- HIS 101 United States History 1 (G4A)
- HIS 102 United States History 2 (GA4)
- HIS 107 Diversity and Inclusion: The American Experience (G4A & G6A)
- HIS 203 History of African-Americans (G4A)
- HIS 204 American Civil War and Reconstruction (G4A)
- IDS 114 American Civil Rights Movement (G4A & G6A)
- POL 102 U.S. Government-State and Local (G4A)

- POL 103 U.S. Government- National (G4A)

## Category B. PSYCHOLOGY

### Also known as Cat. B

- PSY 100 Psych. of Adjustment
- PSY 111 Introduction to Psychology (G3A)
- PSY 220 Developmental Psychology+
- PSY 221 Child Psychology+
- PSY 222 Psychology of Adolescence+
- PSY 223 Psychology of Adulthood and Aging+
- PSY 230 Abnormal Psychology+
- PSY 240 Social Psychology+

## CATEGORY C. SOCIAL SCIENCES (ANTHROPOLOGY, CRIMINAL JUSTICE, HUMAN GEOGRAPHY, POLITICAL SCIENCE, SOCIOLOGY)

### Also known as Cat. C

- ANT 101 Cultural & Social Anthropology (G3A & G6A)
- ANT 102 Human Evolution (G3A)
- ANT 103 Archaeology and Prehistory (G3A)
- CRJ 101 Criminal Justice
- CRJ 103 Understanding the Juvenile Offender
- CRJ 105 Policy-Community Relations
- CRJ 109 Critical Issues in Law Enforcement (G3A & G6A)
- CRJ 111 Criminology
- CRJ 210 Terrorism and Society
- GEO 102 Human Geography (G3A & G6A)
- POL 101 Introduction to Political Science (G3A)
- POL 221 International Relations (G3A)
- SOC 101 Introduction to Sociology (G3A & G6A)
- SOC 120 Social Problems (G3A & G6A)
- SOC 202 Social Inequality+ (G3A & G6A)
- SOC 231 The Family+ (G3A & G6A)
- SOC 242 Sociology of Religion

## CATEGORY D. WORLD HISTORY

### Also known as Cat. D

- HIS 121 World History 1 (G5A)
- HIS 122 World History 2 (G5A)
- HIS 205 Science, Technology and Society
- HIS 219 Ancient Asia
- HIS 220 Modern China and Japan (G5A)
- HIS 221 Modern India and Southeast Asia (G5A)
- HIS 222 The Middle East (G5A)
- HIS 223 Latin American History (G5A)
- HIS 224 Africa: Past and Present (G5A)
- HIS 230 The Greek and Roman World (G5A)
- HIS 231 Medieval and Renaissance Europe (GE5)
- HIS 232 The Age of Revolution (G5A & G6A)
- HIS 233 Modern Europe (G5A)
- HIS 234 History of Russian and Eastern Europe
- POL 104 Intro to Political Thought
- POL 220 Comparative Government (G3A)

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## CATEGORY E. EQUITY

### Also known as Cat. E

Some degree programs may require a Social Science course/elective that carries a G6A (SUNY Diversity) designation. Such courses are listed below.

- ANT 101 Cultural & Social Anthropology (G3A & G6A)



- CRJ 109 Critical Issues in Law Enforcement (G3A & G6A)
- GEO 102 Human Geography (G3A & G6A)
- HIS 107 Diversity and Inclusion: The American Experience (G4A & G6A)
- HIS 232 The Age of Revolution (G5A 7 G6A)
- HMS 101 Introduction to Human Services (G3A & G6A)
- IDS 114 - American Civil Rights Movement (G4A & G6A)
- IDS 115 Introduction to Gender (G3A & G6A)
- SOC 101 Introduction to Sociology (G3A & G6A)
- SOC 120 Social Problems (G3A & G6A)
- SOC 202 Social Inequality+ (G3A & G6A)
- SOC 220 Race, Ethnicity and Society+ (G6A)
- SOC 231 The Family+ (G3A & G6A)

*+these courses have a prerequisite*