

## Academics

The College offers 40 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 participate in local water monitoring and mosquito trapping; and architecture students visit 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 also 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. Participation in the Hudson Valley Educational Consortium brings emergency response and innovative technology degree programs from other community colleges in the area to the classrooms of SUNY Orange.

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
- 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.

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
- 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.
- New Media A.A.S.
- Office Technologies A.A.S.: Legal Office Assistant
- Office Technologies A.A.S.: Office Management
- Office Technologies A.A.S.: Secretarial/Word Processing
- 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 "web-enhanced," "hybrid," or fully "online." Students may access these courses from home, on campus, or wherever they can obtain internet access.

### Web-enhanced

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.

### 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 one-third to three-quarters of the 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 full online course is one that can be accessed anywhere and anytime, 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 on-line, including live chats, bulletin board discussions and advising.

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.

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.

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

## Academic Calendar

The 2022-2023 [Academic Calendar](#) is posted on the Registrar's page.

A pdf file can be found [here](#).

*NOTE: In recent years, the College has operated 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 operate*

*on this 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 Course Listing****GE 1. MATHEMATICS**

- MAT 102 - Intermediate Algebra
- MAT 111 - Foundations of Elementary School Math
- MAT 113 - Math for the Liberal Arts
- MAT 120 - Introduction to Statistics
- MAT 121 - College Algebra
- MAT 122 - College Trigonometry
- MAT 131 - Pre-Calculus
- MAT 205 - Calculus 1
- MAT 206 - Calculus 2
- MAT 207 - Calculus 3

**GE 2. NATURAL SCIENCES**

## Biology

- BIO 101 - General Biology 1
- BIO 102 - General Biology 2
- BIO 110 - Introduction to Biology
- BIO 141 - 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

## Clinical Laboratory Science

- MLT 209 - General Microbiology

## 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

## Physical Sciences

- AST 120 - Astronomy
- CHM 100 - Introduction to Chemistry
- GLG 101 - Earth Science
- GLG 110 - Physical Geology
- GLG 210 - Historical Geology
- PSC 125 - Physical Science/Physical World
- PSC 140 - Physical Science/The Environment

## Physics

- PHY 101 - General Physics 1
- PHY 102 - General Physics 2
- PHY 103 - Physics for Science & Engineering 1
- PHY 104 - Physics for Science & Engineering 2
- PHY 105 - General Physics with Calculus 1
- PHY 106 - General Physics with Calculus 2
- PHY 108 - Acoustics
- PHY 111 - Architectural Physics
- PHY 203 - Physics for Science & Engineering 3

- PHY 204 - Modern Physics

## **GE 3. SOCIAL SCIENCES**

- ANT 101 - Cultural Anthropology
- ANT 102 - Human Evolution
- ANT 103 - Archeology and Prehistory
- ECO 201 - Macro-Economics
- ECO 202 - Micro-Economics
- GEO 102 - Human Geography
- POL 101 - Introduction to Political Science
- POL 102 - U.S. Government – State & Local
- POL 220 - Comparative Governments
- POL 221 - International Relations
- PSY 111 - Introduction to Psychology
- SOC 101 - Introduction to Sociology
- SOC 202 - Social Inequality
- SOC 242 - Sociology of Religion

## **GE 4. AMERICAN HISTORY**

- 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 - American Civil War and Reconstruction
- IDS 114 - American Civil Rights Movements
- POL 103 - U.S. Government – National

*\*only for students scoring 85 or above on NYS American History Regents*

## **GE 5. WESTERN CIVILIZATION**

- HIS 230 - The Greek and Roman World
- HIS 231 - Medieval and Renaissance Europe
- HIS 232 - The Age of Revolutions
- HIS 233 - Modern Europe

## **GE 6. OTHER/WORLD CIVILIZATIONS**

- 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 234 - History of Russia and Eastern Europe

## **GE 7. HUMANITIES**

- ART 127 - History of Western Art 1
- ART 128 - History of Western Art 2
- ART 201 - American Art 1700 - 1945
- ART 203 - Modern Art – the 20th Century
- ART 205 - Women in Art History
- ART 207 - Non-Western Art History
- 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-O'Neill
- ENG 206 - Drama: Contemporary
- ENG 207 - English Literature: 14th-18th Centuries

- ENG 208 - English Literature: 19th-20th Centuries
- 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 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 - Intro to Humanities 1: Ancient to Early Renaissance
- HUM 202 - Intro to Humanities 2: Renaissance to 1900
- HUM 203 - Intro to Humanities 3: 1900 to the Contemporary
- IDS 115 - Introduction to Gender
- 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
- THE 101 - Introduction to Theatre

#### **GE 8. ARTS**

- ART 101 - Introduction to Art
- ART 103 - Drawing 1
- ART 104 - Drawing 2
- ART 107 - Design 1
- ART 108 - Design 2
- ART 111 - Color
- ART 113 - Painting 1
- ART 114 - Painting 2
- ART 117 - Figure Drawing 1
- ART 118 - Figure Drawing 2
- ART 119 - Photography 1
- ART 120 - Photography 2
- ART 121 - Digital Photography 1
- ART 122 - Digital Photography 2
- ART 123 - VisCom & Graphic Design 1
- ART 124 - VisCom & Graphic Design 2
- ART 125 - Sequential Art: Comics Illustration
- ART 213 - Painting 3
- ART 214 - Painting 4
- ART 215 - Portrait Painting
- ART 223 - VisCom & Graphic Design 3
- ART 224 - VisCom & Graphic Design 4
- ART 230 - Arts and Communication Practicum
- COM 103 - Speaking Voice
- COM 107 - Intro to Video Production
- COM 108 - Digital Video Post-Production
- COM 111 - Digital Radio Production

- COM 113 - Digital Storytelling
- COM 115 - TV Studio Production
- COM 201 - Oral Interpretation
- COM 209 - Debate
- COM 221 - Cinematography
- COM 223 - Screenwriting
- COM 225 - Sound Design
- COM 227 - Visual Effects
- DNC 101 - Modern Dance 1
- DNC 102 - Modern Dance 2
- DNC 201 - Advanced Dance 1
- DNC 202 - Advanced Dance 2
- ENG 211 - Creative Writing: Fiction
- ENG 212 - Creative Writing: Poetry
- MUS 113 - Introduction to Audio Recording
- MUS 116 - Introduction to Orchestra
- MUS 121 - Fundamentals of Music
- MUS 123 - Basic Musicianship 1
- MUS 124 - Basic Musicianship 2
- MUS 131 - Elementary Piano 1
- MUS 132 - Elementary Piano 2
- MUS 141 - Group Voice 1
- MUS 142 - Group Voice 2
- MUS 151 - Chorus
- MUS 153 - Madrigal Singers
- MUS 155 - Orchestra
- MUS 157 - Chamber Ensemble
- MUS 159 - Band
- MUS 160 - Vocal Jazz Ensemble
- MUS 161 - Jazz Ensemble
- MUS 163 - Jazz Improvisation 1
- MUS 164 - Jazz Improvisation 2
- MUS 170-77 - Private Instruction
- MUS 223 - Advanced Musicianship 1
- MUS 224 - Advanced Musicianship 2
- MUS 226 - Elements of Arranging
- MUS 231 - Intermediate Piano 1
- MUS 232 - Intermediate Piano 2
- MUS 233 - Advanced Piano 1
- MUS 234 - Advanced Piano 2
- THE 101 - Introduction to Theater
- THE 103 - Acting 1: Fundamentals
- THE 105 - Improvisation for Theatre
- THE 107 - Theater Workshop
- THE 109 - Stage Make-Up
- THE 111 - Stage Movement
- THE 113 - Introduction to Technical Production
- THE 115 - Performing Arts Seminar
- THE 117 - Puppetry/Object Performance Theater

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

## **GE 9. FOREIGN LANGUAGE**

- 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
- FRE 102 - Elementary French 2
- FRE 201 - Intermediate French 1

- FRE 202 - Intermediate French 2
- FRE 203 - Advanced French 1
- FRE 204 - Advanced French 2
- GER 101 - Elementary German 1
- GER 102 - Elementary German 2
- ITA 101 - Elementary Italian 1
- ITA 102 - Elementary Italian 2
- JPN 101 - Elementary Japanese 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

#### **GE 10. BASIC COMMUNICATIONS**

- ENG 101 - Freshman English 1 and
- COM 101 - Foundations of Communication

or

- ENG 101 - Freshman English 1 and
- BUS 203 - Business Communications

*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.*

#### **Non-SUNY 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 Math, SUNY Social Science, etc., you must follow the SUNY General Education course listing.

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

Note: 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

ANT (except ANT 220), CRJ 101, CRJ 103, CRJ 105, CRJ 109, CRJ 111, CRJ 210, ECO, GEO 102, HIS (except HIS 104), IDS 114, POL, PSY, SOC

##### Math Elective

Any MAT or CSC courses.

##### Business Elective

ACC, BUS, MGT, MKT, OFT

##### Liberal Arts Science

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

##### Liberal Arts Elective

ANT (Except ANT 220), ARC 215, ARC 216, ART, AST, BIO, BUS 105, BUS 203, CHM, CHN, CCS 100, CCS 101, CIT 100, COM, CSC 101, CSC 102, CSC 103, CRJ 101, CRJ 103, CRJ 105, CRJ 109, CRJ 111, CRJ 210, ECO, EDU 207, ENG, FLD, FRE, GEO, GLG, HIS, HON, HMS 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

Any course including PES courses up to 3 credits.

Developmental courses are not applicable toward any degree program.

## Guide for Social Science Requirement

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 SUNY Social Science (GE3) and one SUNY History (GE4, GE5, or GE6) course.

### A. Economics, United States History, or United States Government

- ECO 201 - Macro-Economics (GE3)
- ECO 202 - Micro-Economics (GE3)
- ECO 203 - Economic Development+
- HIS 101 - United States History 1 (GE4)
- HIS 102 - United States History 2 (GE4)
- HIS 203 - History of African-Americans (GE4\*)
- HIS 204 - American Civil War and Reconstruction (GE4)
- IDS 114 - American Civil Rights Movement (GE4)
- POL 102 - U.S. Government-State and Local (GE3)
- POL 103 - U.S. Government- National (GE4)

### B. Psychology

- PSY 100 - Psych. of Adjustment
- PSY 111 - Introduction to Psychology (GE3)
- PSY 102 - General Psychology 2+
- 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+

### C. Anthropology, Criminal Justice, Human Geography, or Sociology

- ANT 101 - Cultural & Social Anthropology (GE3)
- ANT 102 - Human Evolution (GE3)
- ANT 103 - Archaeology and Prehistory (GE3)
- CRJ 101 - Criminal Justice
- CRJ 103 - Understand. Juvenile Offender
- CRJ 105 - Policy-Community Relations
- CRJ 111 - Criminology
- CRJ 210 - Terrorism and Society
- GEO 102 - Human Geography (GE3)
- SOC 101 - Introduction to Sociology (GE3)
- SOC 120 - Social Problems
- SOC 231 - The Family+

### D. History other than U.S., Comparative Government, or International Relations

- HIS 121 - World History 1 (GE6)
- HIS 122 - World History 2 (GE6)
- HIS 205 - Science, Technology and Society
- HIS 219 - Ancient Asia
- HIS 220 - Modern China and Japan (GE6)
- HIS 221 - Modern India and Southeast Asia (GE6)
- HIS 222 - The Middle East (GE6)
- HIS 223 - Latin American History (GE6)
- HIS 224 - Africa: Past and Present (GE6)
- HIS 230 - The Greek and Roman World (GE5)
- HIS 231 - Medieval and Renaissance Europe (GE5)
- HIS 232 - The Age of Revolution (GE5)
- HIS 233 - Modern Europe (GE5)
- HIS 234 - History of Russian and Eastern Europe
- POL 101 - Intro to Political Science (GE3)
- POL 104 - Intro to Political Thought
- POL 220 - Comparative Government (GE3)
- POL 221 - International Relations (GE3)

*\*only for students scoring 85 or above on NYS American History Regents*

*+these courses have a prerequisite*