

## About the Program

The Bachelor of Applied Science degree in Information Systems Technology provides students with a comprehensive understanding of methodologies and best practices for rapidly advancing technologies. Students will select one of the following concentrations: Application Development, FinTech, or Information Technology Management. For more information about this program, visit [fscj.edu/S301](https://fscj.edu/S301).

FSCJ bachelor's degree programs are part of Florida's 2+2 Program. Learn more at [fldoe.org/core/fileparse.php/3/urll/pathways\\_to\\_success.pdf](https://fldoe.org/core/fileparse.php/3/urll/pathways_to_success.pdf).

## Program Requirements

This degree requires a minimum of 120 credit hours including 60 transferrable college credit hours that are completed prior to applying to the program.

This program includes a **Statistical Reasoning math pathway**. This pathway is intended for students whose academic program requires a foundation in descriptive statistics, probability, and inferential statistics to facilitate the use and interpretation of data.

## Application Procedure

To meet the minimum requirements for consideration for acceptance to this program, you must satisfy the bachelor's degree general admission requirements.

## Application Deadlines

A bachelor's degree admissions application may be submitted at any time through the term.

## Foreign Language Requirement

Baccalaureate degree-seeking students must meet a foreign language requirement before graduation. Students may fulfill the requirement by completing two college credit courses of the same foreign language or sign language. Courses in American Sign Language, Chinese, French, German, Latin and Spanish may be used to satisfy the foreign language requirement. For alternative options to satisfy the foreign language requirement, please meet with an advisor or visit the Bachelor's Degree page in the college catalog at [catalog.fscj.edu/academics/degree-certificate-programs/bachelors-degrees](https://catalog.fscj.edu/academics/degree-certificate-programs/bachelors-degrees). Courses in American Sign Language, French and Spanish are expected to be scheduled during the 2025-26 College Catalog year.

## Bachelor Degree Graduation Requirements

- Fulfill all academic requirements for the chosen program of study as outlined in the Florida State College at Jacksonville catalog and curriculum.
- Earn minimum prescribed semester hours for the selected bachelor's degree with at least a 2.0 (C) on a 4.0 scale for an all-college cumulative grade point average.
- Earn at least a C in each course used to satisfy the General Education Requirements and any other area designated with a C or higher in each course.
- Earn a minimum of 25 percent of all credits used to satisfy the baccalaureate degree course requirements from Florida State College at Jacksonville.
- Fulfill the 36-college credit Florida General Education Requirements.
- Demonstrate competency in civic literacy by:
  - Completion of one of three civic literacy courses (AMH 2010, AMH 2020 or POS 2041) with a grade of C or higher, and
  - Achievement of the standard score on a state-approved assessment.
- Fulfill the Foreign Language requirement.
- Fulfill all obligations, financial or otherwise, to the College before graduation.

## Catalog Year

**Students who enter under the 2025-26 catalog** will be assigned to the degree or certificate requirements in effect during the 2025-26 academic year. The student's assigned catalog year will remain in effect as long as the student maintains continuous enrollment. Changes to requirements as mandated by law or by rule of the District Board of Trustees may supersede this provision.

**To maintain continuous enrollment**, a student must have registration for, and successful completion of, at least one course within a three-term period. After three consecutive terms of no enrollment, the student will be discontinued from the current program of study and will need to apply to FSCJ to reenter under the same program of study. Upon readmission, the student will be assigned to the current catalog of record in the chosen program.

**Curriculum: Associate in Arts Pathway**

This document has been prepared for students who have been admitted to the Bachelor of Applied Science degree in Information Systems Technology with **2025-26 College Catalog year**. Prior to enrolling in classes, please **meet with an advisor** for specific guidance about your individual academic degree plan. **Terms Offered** are subject to change. Please verify course availability at [fscj.edu/schedules](https://fscj.edu/schedules). **A minimum grade of C or higher is required in all General Education, Upper Division and Upper Division Concentration coursework.**

**General Education Coursework**

A minimum grade of C or higher is required in all Lower Division Coursework.

- Communication State Core course**, Credit Hours: 3-4. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Communication course**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Communication course**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Humanities State Core course**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Humanities course**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- STA 2023 - Elementary Statistics**, Credit Hours: 3. *Mathematics*. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Mathematics course**, Credit Hours: 3-5. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Natural Sciences State Core course**, Credit Hours: 3-4. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Natural Sciences course(s)**, Credit Hours: 3-4. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Social and Behavioral Sciences State Core course**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Social and Behavioral Sciences**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Social and Behavioral Sciences**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_

**Lower Division Elective Coursework**

- Lower Division Elective Coursework**, Credit Hours: 15. Any associate degree may be used to satisfy this requirement.

**Sample Roadmap for Lower Division, Upper Division and Upper Division Concentration Coursework**

**Term 1**

- GEB 3213 - Business Writing**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- COP 1000C - Introduction to Computer Programming**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- CTS 1131C - Hardware Configuration**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- CTS 1133C - Software Configuration**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_

**Term 2**

- CTS 1120C - Fundamentals of Information Security**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- CGS 1100C - Microcomputer Applications for Business and Economics**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- CTS 2437C - SQL Server I - Fundamentals**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Select from* **COP 2551C - Introduction to Object Oriented Programming with Java**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer.  
*or* **COP 2360C - Introduction to C#**, Credit Hours: 3. **Terms Offered:** Fall.  
*or* **COP 2800C - Java 1**, Credit Hours: 3. **Terms Offered:** Fall, Spring.  
*or* **COP 2842C - Internet Programming**, Credit Hours: 4. **Terms Offered:** Fall, Spring, Summer.  
**Note:** Students who plan to select the Application Development concentration must take COP 2551C, COP 2360C or COP 2800C. Grade Earned: \_\_\_\_\_

**Term 3**

- Select from* **MAN 2582 - Introduction to Project Management**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer.  
*or* **CEN 2071C - Secure Software Testing**, Credit Hours: 3. **Terms Offered:** Fall 2025, Summer 2026, Spring 2027, Summer 2027  
**Note:** The Application Development concentration requires CEN 2071C. Grade Earned: \_\_\_\_\_
- CIS 2321C - Information Systems**, Credit Hours: 3. **Terms Offered:** Fall, Spring. Grade Earned: \_\_\_\_\_
- Select from* **CNT 2001C - Computer Networks and Telecommunications** *or* **CET 2600C - Network Fundamentals (Cisco 1)**,  
Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_

**Term 4**

- ISM 4212C - Database and Physical Design**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_

**Term 5**

- ISM 3113C - Systems Analysis and Design**, Credit Hours: 3. **Terms Offered:** Fall, Spring. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_

**Term 6**

- ISM 4117C - Business Intelligence**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_

**Curriculum: Associate in Science Pathway**

This document has been prepared for students who have been admitted to the Bachelor of Applied Science degree in Information Systems Technology with 2025-26 College Catalog year. The sample roadmap shows one possible pathway to program completion and may not be appropriate for all students. Prior to enrolling in classes, please **meet with an advisor** for specific guidance about your individual academic plan. **Terms Offered** are subject to change. Please verify course availability at [fscj.edu/schedules](https://fscj.edu/schedules). A minimum grade of C or higher is required in all General Education, Upper Division and Upper Division Concentration coursework.

**General Education**

The credits below are from the student's A.S. degree. **Additional General Education courses are listed in the Sample Roadmap.**

- Communication State Core course**, Credit Hours: 3-4. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Humanities course**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Mathematics: STA 2023 - Elementary Statistics**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Mathematics course**, Credit Hours: 3-5. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Natural Sciences course**, Credit Hours: 3-4. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Social and Behavioral Sciences course**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_

**Lower Division Coursework**

- CGS 1100C - Microcomputer Applications for Business and Economics**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- CIS 2321C - Information Systems**, Credit Hours: 3. **Terms Offered:** Fall, Spring. Grade Earned: \_\_\_\_\_
- Select from* **CNT 2001C - Computer Networks and Telecommunications** or **CET 2600C - Network Fundamentals (Cisco 1)**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- COP 1000C - Introduction to Computer Programming**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Select from* **COP 2551C - Introduction to Object Oriented Programming with Java**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. or **COP 2360C - Introduction to C#**, Credit Hours: 3. **Terms Offered:** Fall. or **COP 2800C - Java 1**, Credit Hours: 3. **Terms Offered:** Fall, Spring. or **COP 2842C - Internet Programming**, Credit Hours: 4. **Terms Offered:** Fall, Spring, Summer. Note: Students who plan to select the Application Development concentration must take COP 2551C, COP 2360C or COP 2800C. Grade Earned: \_\_\_\_\_
- CTS 1120C - Fundamentals of Information Security**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- CTS 1131C - Hardware Configuration**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- CTS 1133C - Software Configuration**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- CTS 2437C - SQL Server I - Fundamentals**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Select from* **MAN 2582 - Introduction to Project Management**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. or **CEN 2071C - Secure Software Testing**, Credit Hours: 3. **Terms Offered:** Fall 2025, Summer 2026, Spring 2027, Summer 2027. Note: The Application Development concentration requires CEN 2071C. Grade Earned: \_\_\_\_\_

**Lower Division Elective Coursework**

- Lower Division Elective Coursework**, Credit Hours: 15. Any associate degree may be used to satisfy this requirement.

**Sample Roadmap for General Education and Upper Division Coursework**

**Term 1**

- GEB 3213 - Business Writing**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Communication course**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Mathematics course**, Credit Hours: 3-5. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Social and Behavioral Sciences course**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_

**Term 2**

- Communication course**, Credit Hours: 3-4. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Natural Sciences course**, Credit Hours: 3-4. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Social and Behavioral Sciences course**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- ISM 4212C - Database and Physical Design**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_

**Term 3**

- ISM 3113C - Systems Analysis and Design**, Credit Hours: 3. **Terms Offered:** Fall, Spring. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_

**Term 4**

- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_

**Term 5**

- ISM 4117C - Business Intelligence**, Credit Hours: 3. **Terms Offered:** Fall, Spring, Summer. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_
- Upper Division Concentration course**, Credit Hours: 3. Grade Earned: \_\_\_\_\_

## Course Requirements

Prerequisites, corequisites, and conditions for any course are subject to change. Students must meet the prerequisite and corequisite requirements of any course at the time the student attempts to register for that course. If you have questions about the prerequisites, corequisites, or conditions for a course, please contact any academic advisor.

### General Education Communication Courses

Complete a minimum of 9 credits from the following courses.

**ENC 1101 - English Composition I**, Credit Hours: 3. *State Core course.*

**Note:** Students may select from ENC 1101 or ENC 1101C.

**Prerequisite(s):** Satisfactory score on the placement test for non-exempt students only. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Effective Spring 2014, students who entered the ninth grade in a Florida public high school in the 2003-2004 school year, or any year thereafter, and earned a standard Florida high school diploma, or students who are serving as active duty members in any branch of the United States Armed Services, will not be required to take the common placement test (P.E.R.T.) or to enroll in developmental education at any Florida College System institution, including Florida State College at Jacksonville (per Senate Bill 1720, State Board Rule 6A-10.0315). These students shall be considered exempt from common placement testing and developmental education instruction, and may accordingly enroll directly in ENC 1101 or ENC 1101C. For placement in any communications course beyond ENC 1101 or ENC 1101C, exempt students will be required to take the common placement test. Effective Fall 2022, students who earn a grade of C or higher will be automatically awarded the digital badge in Fundamentals of Written Communication. **Terms Offered:** Fall, Spring, Summer.

**ENC 1101C - English Composition I Enhanced**, Credit Hours: 4. *State Core course.* **Note:** Students may select from ENC 1101 or ENC 1101C.

**Prerequisite(s):** Satisfactory score on the placement test for non-exempt students only. **Corequisite(s):** None. **Conditions:** This course fulfills category A of students' General Education requirements in Communications. The additional one-credit hour of supplemental instruction and practice will appear as an Associate in Arts elective on students' college transcripts. This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Effective Spring 2014, students who entered the ninth grade in a Florida public high school in the 2003-2004 school year, or any year thereafter, and earned a standard Florida high school diploma, or students who are serving as active duty members in any branch of the United States Armed Services, will not be required to take the common placement test (P.E.R.T.) or to enroll in developmental education at any Florida College System institution, including Florida State College at Jacksonville (per Senate Bill 1720, State Board Rule 6A-10.0315). These students shall be considered exempt from common placement testing and developmental education instruction and may accordingly enroll directly in ENC 1101 or ENC 1101C. For enrollment in any communications course beyond ENC 1101/ENC 1101C, exempt students will be required to take the common placement test. This course is recommended for Associate in Arts degree seeking students. Associate in Science degree seeking students are advised to take ENC 1101 to avoid concerns regarding financial aid and excess hour surcharges. Effective Fall 2022, students who earn a grade of C or higher will be automatically awarded the digital badge in Fundamentals of Written Communication. **Terms Offered:** Fall, Spring, Summer.

**ENC 1102 - Writing About Texts**, Credit Hours: 3. **Prerequisite(s):** ENC 1101 or ENC 1101C each with a grade of C or higher. **Corequisite(s):** None.

**Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring, Summer.

**SPC 2017 - Introduction to Speech Communications**, Credit Hours: 3.

**Prerequisite(s):** ENC 1101 or ENC 1101C each with a grade of C or higher.

**Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

**SPC 2065 - Speech Communication for Business and the Professions**, Credit Hours: 3. **Prerequisite(s):** ENC 1101 or ENC 1101C each with a grade of C or higher. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

**SPC 2608 - Fundamentals of Public Speaking**, Credit Hours: 3.

**Prerequisite(s):** ENC 1101 or ENC 1101C each with a grade of C or higher.

**Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

### General Education Humanities Courses

Complete 6 credits from the following courses.

**AML 2010 - Early American Literature: Colonial Times to the Civil War**, Credit Hours: 3. **Prerequisite(s):** ENC 1101 or ENC 1101C each with a grade of C or higher. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring.

**AML 2020 - Late American Literature: The Civil War to the Present**, Credit Hours: 3. **Prerequisite(s):** ENC 1101 or ENC 1101C each with a grade of C or higher. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring, Summer.

**ARH 2000 - Art in the Humanities**, Credit Hours: 3. *State Core course.*

**Prerequisite(s):** Qualify for enrollment in ENC 1101. **Corequisite(s):** None.

**Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring, Summer.

**ARH 2050 - Art History from Prehistory to 15th Century**, Credit Hours: 3.

**Prerequisite(s):** Qualify for enrollment in ENC 1101. **Corequisite(s):** None.

**Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring, Summer.

**ARH 2051 - Art History from 15th to 21st Century**, Credit Hours: 3.

**Prerequisite(s):** Qualify for enrollment in ENC 1101. **Corequisite(s):** None.

**Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring, Summer.

**DAN 2100 - Dance in the Humanities**, Credit Hours: 3. **Prerequisite(s):** Qualify for enrollment in ENC 1101. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring, Summer.

**ENG 2100 - Film Studies**, Credit Hours: 3. **Prerequisite(s):** Qualify for enrollment in ENC 1101. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring, Summer.

**ENL 2012 - English Literature to 1750**, Credit Hours: 3. **Prerequisite(s):** ENC 1101 or ENC 1101C each with a grade of C or higher. **Corequisite(s):** None.

**Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** TBA.

**ENL 2022 - English Literature Since 1750**, Credit Hours: 3. **Prerequisite(s):** ENC 1101 or ENC 1101C each with a grade of C or higher. **Corequisite(s):** None.

**Conditions:** This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. **Terms Offered:** Fall, Spring.

**HUM 2020 - Topics in the Humanities**, Credit Hours: 3. *State Core course.*  
Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None.  
Conditions: This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. This course cannot be repeated for General Education or Elective Credit, regardless of the course topic, except for grade forgiveness purposes. Terms Offered: Fall, Spring, Summer.

**HUM 2210 - Humanities: Prehistory to the 15th Century**, Credit Hours: 3.  
Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None.  
Conditions: This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Terms Offered: Fall, Spring, Summer.

**HUM 2230 - Humanities: Mainstreams of Cultures, 14th to 19th Century**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101.  
Corequisite(s): None. Conditions: This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Terms Offered: Fall, Spring, Summer.

**HUM 2250 - Humanities: 20th & 21st Century Cultural Perspectives**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101.  
Corequisite(s): None. Conditions: This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Terms Offered: Fall, Spring, Summer.

**LIT 2000 - Literature in the Humanities**, Credit Hours: 3. *State Core course.*  
Prerequisite(s): ENC 1101 or ENC 1101C each with a grade of C or higher.  
Corequisite(s): None. Conditions: This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Terms Offered: Fall, Spring, Summer.

**LIT 2100 - Great Ideas in World Literature**, Credit Hours: 3. Prerequisite(s): ENC 1101 or ENC 1101C each with a grade of C or higher. Corequisite(s): None.  
Conditions: This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Terms Offered: Fall, Spring, Summer.

**MUL 2010 - Music in the Humanities**, Credit Hours: 3. *State Core course.*  
Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None.  
Conditions: This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Terms Offered: Fall, Spring, Summer.

**PHI 2010 - Philosophy in the Humanities**, Credit Hours: 3. *State Core course.*  
Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None.  
Conditions: This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Terms Offered: Fall, Spring, Summer.

**PHI 2600 - Introduction to Ethics**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Terms Offered: Fall, Spring.

**REL 2000 - Religion in the Humanities**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Terms Offered: Fall, Spring, Summer.

**REL 2300 - World Religions**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Terms Offered: Fall, Spring, Summer.

**THE 2000 - Theatre in the Humanities**, Credit Hours: 3. *State Core course.*  
Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None.  
Conditions: This course fulfills the Gordon Rule writing requirement and must be completed with a grade of C or higher pursuant to State Board of Education Rule 6A-10.030. Terms Offered: Fall, Spring, Summer.

### General Education Mathematics Courses

Complete STA 2023 and one additional Mathematics course.

**MAC 1105 - College Algebra**, Credit Hours: 3. *State Core course.* Note: Students may select from MAC 1105 or MAC 1105C. Prerequisite(s): MAT 1033 with a grade of C or higher or a satisfactory score on the placement test. Corequisite(s): None. Conditions: This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). Effective Spring 2014, students who entered the ninth grade in a Florida public high school in the 2003-2004 school year, or any year thereafter, and earned a standard Florida high school diploma, or students who are serving as active duty members in any branch of the United States Armed Services, will not be required to take the common placement test (P.E.R.T.) or to enroll in developmental education at any Florida College System institution, including Florida State College at Jacksonville (per Senate Bill 1720, State Board Rule 6A-10.0315). These students shall be considered exempt from common placement testing and developmental education instruction, and may accordingly enroll directly in MAT 1033 or MGF 1106 or MGF 1107. For placement in any college-credit math course beyond MAT 1033 or MGF 1106 or MGF 1107, exempt students will be required to take the common placement test. This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. Terms Offered: Fall, Spring, Summer.

**MAC 1105C - College Algebra Enhanced**, Credit Hours: 5. *State Core course.* Note: Students may select from MAC 1105 or MAC 1105C. Prerequisite(s): MAT 1033 with a grade of D or higher or MAC 1105 with a grade of D or lower or a satisfactory score on the placement test. Corequisite(s): None. Conditions: This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). Effective Spring 2014, students who entered the ninth grade in a Florida public high school in the 2003-2004 school year, or any year thereafter, and earned a standard Florida high school diploma, or students who are serving as active duty members in any branch of the United States Armed Services, will not be required to take the common placement test (P.E.R.T.) or to enroll in developmental education at any Florida College System institution, including Florida State College at Jacksonville (per Senate Bill 1720, State Board Rule 6A-10.0315). These students shall be considered exempt from common placement testing and developmental education instruction, and may accordingly enroll directly in MAT 1033 or MGF 1106 or MGF 1107. For placement in any college-credit math course beyond MAT 1033 or MGF 1106 or MGF 1107, exempt students will be required to take the common placement test. This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. Terms Offered: Fall, Spring, Summer.

**MAC 1114 - College Trigonometry**, Credit Hours: 3. Prerequisite(s): MAC 1105 or MAC 1105C each with a grade of C or higher. Corequisite(s): None. Conditions: A strong high-school Algebra background is recommended. This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030. Terms Offered: Fall, Spring, Summer.

**MAC 1140 - Precalculus Algebra**, Credit Hours: 4. Prerequisite(s): MAC 1105 or MAC 1105C each with a grade of C or higher or a satisfactory score on the placement test. Corequisite(s): None. Conditions: This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). Terms Offered: Fall, Spring, Summer.

**MAC 1147 - Precalculus Algebra and Trigonometry**, Credit Hours: 5.  
**Prerequisite(s):** MAC 1105 or MAC 1105C each with a grade of B or higher or satisfactory score on the placement test. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**MAC 2233 - Calculus for Business and Social Sciences**, Credit Hours: 3.  
**Prerequisite(s):** MAC 1105 or MAC 1105C or MAC 1140 each with a grade of C or higher or a satisfactory score on the placement test. **Corequisite(s):** None. **Conditions:** Appropriate technology is required. This course does not satisfy degree requirements for students majoring in mathematics or engineering. This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**MAC 2311 - Calculus With Analytic Geometry I**, Credit Hours: 4. *State Core course.* **Prerequisite(s):** MAC 1140 and MAC 1114 each with a grade of C or higher or MAC 1147 with a grade of a C or higher. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**MAC 2312 - Calculus With Analytic Geometry II**, Credit Hours: 4.  
**Prerequisite(s):** MAC 2311 with a grade of C or higher. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**MAC 2313 - Calculus With Analytic Geometry III**, Credit Hours: 4.  
**Prerequisite(s):** MAC 2312 with a grade of C or higher. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**MAP 2302 - Differential Equations**, Credit Hours: 3. **Prerequisite(s):** MAC 2312 with a grade of C or higher. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

**MGF 1130 - Mathematical Thinking**, Credit Hours: 3. *State Core course.*  
**Prerequisite(s):** Satisfactory score on the placement test for non-exempt students. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule of Computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). Effective Spring 2014, students who entered the ninth grade in a Florida public high school in the 2003-2004 school year, or any year thereafter, and earned a standard Florida high school diploma, or students who are serving as active duty members in any branch of the United States Armed Services, will not be required to take the common placement test or to enroll in developmental education at any Florida College System institution, including Florida State College at Jacksonville (per State Board Rule 6A-10.0315). These students shall be considered exempt from common placement testing and developmental education instruction, and may accordingly enroll directly in MAT 1033 or MGF 1130 or MGF 1131, depending on their program of study requirement. For placement in any math course beyond MAT 1033 or MGF 1130 or MGF 1131, exempt students will be required to take the common placement test. **Terms Offered:** Fall, Spring, Summer.

**MGF 1131 - Mathematics in Context**, Credit Hours: 3.  
**Prerequisite(s):** Satisfactory score on the placement test for non-exempt students. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule of Computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). Effective Spring 2014, students who entered the ninth grade in a Florida public high school in the 2003-2004 school year, or any year thereafter, and earned a standard Florida high school diploma, or students who are serving as active duty members in any branch of the United States Armed Services, will not be required to take the common placement test (P.E.R.T.) or to enroll in developmental education at any Florida College System institution, including Florida State College at Jacksonville (per Senate Bill 1720, State Board Rule 6A-10.0315). These students shall be considered exempt from common placement testing and developmental education instruction, and may accordingly enroll directly in MAT 1033 or MGF 1130 or MGF 1131. For placement in any college-credit math course beyond MAT 1033 or MGF 1130 or MGF 1131, exempt students will be required to take the common placement test. **Terms Offered:** Fall, Spring, Summer.

**STA 2023 - Elementary Statistics**, Credit Hours: 3. *State Core course.*  
**Prerequisite(s):** Satisfactory score on placement test or successful completion of MAT 1033 with a grade of C or higher. **Corequisite(s):** None. **Conditions:** This course fulfills the Gordon Rule computation requirement and must be completed with a grade of C or higher (pursuant to State Board of Education Rule 6A-10.030). **Terms Offered:** Fall, Spring, Summer.

### General Education Natural Sciences

Complete a minimum of 6 credits from the following courses.

**AST 1002 - Introduction to Astronomy**, Credit Hours: 3. *State Core course.*  
**Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** Suggested course: AST 1002L (course may be taken following or concurrent with AST 1002L). This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**AST 1002L - Astronomy Lab**, Credit Hours: 1. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** Suggested course: MAT 0028. Also recommended: AST 1002 or following AST 1002. **Terms Offered:** Fall, Spring, Summer.

**BOT 1010C - Introduction to Botany**, Credit Hours: 4. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

**BSC 1005 - Life in Its Biological Environment**, Credit Hours: 3. *State Core course.*  
**Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**BSC 1005L - Biology Laboratory**, Credit Hours: 1. **Prerequisite(s):** BSC 1005. **Corequisite(s):** BSC 1005. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

**BSC 2010C - Principles of Biology I**, Credit Hours: 4. *State Core course.*  
**Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** This course fulfills the General Education Requirements and the laboratory requirement needed by many students who plan to transfer to a four-year institution. **Terms Offered:** Fall, Spring, Summer.

**BSC 2011C - Principles of Biology II**, Credit Hours: 4. **Prerequisite(s):** BSC 2010C. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

**BSC 2020C - Human Biology**, Credit Hours: 4. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

**BSC 2050 - Biology of Environmental Systems**, Credit Hours: 3.  
**Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** TBA.

**BSC 2085C - Human Anatomy and Physiology I**, Credit Hours: 4. *State Core course.* Prerequisite(s): None. Corequisite(s): None. Conditions: High School Chemistry taken within the past five years. High School Biology taken within the past five years. This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**BSC 2086C - Human Anatomy and Physiology II**, Credit Hours: 4. Prerequisite(s): BSC 2085C with a grade of C or higher. Corequisite(s): None. Conditions: High School Chemistry taken within the past five years. High School Biology taken within the past five years. This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**CHM 1020 - Chemistry for Liberal Arts**, Credit Hours: 3. *State Core course.* Prerequisite(s): None. Corequisite(s): None. Conditions: This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**CHM 1025C - Introduction to General Chemistry**, Credit Hours: 4. Prerequisite(s): None. Corequisite(s): MAC 1105 or MAC 1105C or higher-level MAC course or MAP 2302. Conditions: This course meets the prerequisite for CHM 2045C. This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**CHM 1032C - Principles of General Chemistry**, Credit Hours: 4. Prerequisite(s): None. Corequisite(s): MAT 1033 or higher. Conditions: This course does not meet the prerequisite for CHM 2045C. This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**CHM 2045C - General Chemistry and Qualitative Analysis I**, Credit Hours: 4. *State Core course.* Prerequisite(s): MAC 1105 or MAC 1105C or higher-level MAC prefix course or MAP 2302, and CHM 1025C with a grade of C or higher. Corequisite(s): None. Conditions: Passing score on the Toledo Chemistry test may substitute for CHM 1025C prerequisite requirement. **Terms Offered:** Fall, Spring, Summer.

**CHM 2046C - General Chemistry and Qualitative Analysis II**, Credit Hours: 4. Prerequisite(s): CHM 2045C with a grade of C or higher. Corequisite(s): None. Conditions: None. **Terms Offered:** Fall, Spring, Summer.

**ESC 1000 - Earth and Space Science**, Credit Hours: 3. *State Core course.* Prerequisite(s): None. Corequisite(s): None. Conditions: None. **Terms Offered:** Fall, Spring, Summer.

**ESC 1000L - Earth and Space Science Laboratory**, Credit Hours: 1. Prerequisite(s): ESC 1000. Corequisite(s): ESC 1000. Conditions: None. **Terms Offered:** Fall, Spring, Summer.

**EVR 1001 - Introduction to Environmental Science**, Credit Hours: 3. *State Core course.* Prerequisite(s): None. Corequisite(s): None. Conditions: This course fulfills the General Education Physical Science requirement. **Terms Offered:** Fall, Spring, Summer.

**GLY 1010C - Physical Geology and Laboratory**, Credit Hours: 4. Prerequisite(s): None. Corequisite(s): None. Conditions: This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** TBA.

**ISC 1075 - Principles of Science and Investigation**, Credit Hours: 3. Prerequisite(s): None. Corequisite(s): None. Conditions: This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**MCB 2010C - Microbiology**, Credit Hours: 4. Prerequisite(s): CHM 1020 or CHM 1025C or CHM 1032C or CHM 2045C or other College level chemistry course or placement into CHM 2045C or higher by the chemistry placement exam. Corequisite(s): None. Conditions: It is recommended that students successfully complete BSC 1005 or BSC 2010C or BSC 2085C or BSC 2086C prior to enrollment in this course. **Terms Offered:** Fall, Spring, Summer.

**OCB 2000C - Fundamentals of Marine Biology**, Credit Hours: 4. Prerequisite(s): None. Corequisite(s): None. Conditions: None. **Terms Offered:** TBA.

**OCE 2001 - Survey of Oceanography**, Credit Hours: 3. *State Core course.* Prerequisite(s): None. Corequisite(s): None. Conditions: This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** TBA.

**OCE 2001L - Oceanography Laboratory**, Credit Hours: 1. Prerequisite(s): None. Corequisite(s): None. Conditions: None. **Terms Offered:** TBA.

**PHY 2020C - Physics for Liberal Arts with Laboratory**, Credit Hours: 3. *State Core course.* Prerequisite(s): MAT 1033 or higher. Corequisite(s): MAT 1033 or higher. Conditions: This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**PHY 2048C - Physics I with Calculus**, Credit Hours: 4. Prerequisite(s): MAC 2311. Corequisite(s): MAC 2312. Conditions: This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**PHY 2049C - Physics II With Calculus**, Credit Hours: 4. Prerequisite(s): PHY 2048C. Corequisite(s): MAC 2313. Conditions: This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**PHY 2053C - General Physics I**, Credit Hours: 4. *State Core course.* Prerequisite(s): (1) MAC 1140 and MAC 1114; or (2) MAC 2311; or (3) MAC 1147 with a grade of C or higher. Corequisite(s): None. Conditions: This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**PHY 2054C - General Physics II**, Credit Hours: 4. Prerequisite(s): PHY 2053C. Corequisite(s): None. Conditions: This course may require proctored testing at an approved location. Students may be charged testing fees at off-campus and virtual testing locations. For additional information and resources, please see the College's Online Learning website. **Terms Offered:** Fall, Spring, Summer.

**PSC 1341 - Physical Science**, Credit Hours: 3. Prerequisite(s): None. Corequisite(s): None. Conditions: None. **Terms Offered:** Spring.

**ZOO 1010C - General Zoology**, Credit Hours: 4. Prerequisite(s): None. Corequisite(s): None. Conditions: None. **Terms Offered:** TBA.

**General Education Social and Behavioral Sciences Courses**  
Complete 9 credits from the following courses.

**AMH 2010 - United States History to 1877**, Credit Hours: 3. *State Core course.* Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: Successful completion of this course satisfies the following Civic Literacy Competency Requirement: Prior to the award of an associate in arts or baccalaureate degree, first-time-in-college students entering a Florida College System institution in the 2018-2019 school year, and thereafter, must demonstrate competency in civic literacy (Florida Statute 1007.25, Section 4; State Board of Education Rule 6A-10.02413). Terms Offered: Fall, Spring, Summer.

**AMH 2020 - United States History from 1877 to the Present**, Credit Hours: 3. *State Core course.* Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: Successful completion of this course satisfies the following Civic Literacy Competency Requirement: Prior to the award of an associate in arts or baccalaureate degree, first-time-in-college students entering a Florida College System institution in the 2018-2019 school year, and thereafter, must demonstrate competency in civic literacy (Florida Statute 1007.25, Section 4; State Board of Education Rule 6A-10.02413). Terms Offered: Fall, Spring, Summer.

**AMH 2070 - History of Florida**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: The course may be organized according to themes or areas of focus that an instructor may be using; it may be organized chronologically or it may be a combination of approaches. Topical approach may also be utilized. Time allocation and sequence of topics will be determined by the instructor. Terms Offered: Fall, Spring, Summer.

**ANT 2000 - General Anthropology**, Credit Hours: 3. *State Core course.* Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**DEP 2004 - Human Growth and Development**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**ECO 2013 - Economics I - Principles of Macroeconomics**, Credit Hours: 3. *State Core course.* Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**INR 2002 - International Relations**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**LAH 2020 - History of Latin America**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring.

**POS 2041 - American Federal Government**, Credit Hours: 3. *State Core course.* Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: Successful completion of this course satisfies the following Civic Literacy Competency Requirement: Prior to the award of an associate in arts or baccalaureate degree, first-time-in-college students entering a Florida College System institution in the 2018-2019 school year, and thereafter, must demonstrate competency in civic literacy (Florida Statute 1007.25, Section 4; State Board of Education Rule 6A-10.02413). Terms Offered: Fall, Spring, Summer.

**POS 2112 - State and Local Government**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**PSY 1012 - General Psychology**, Credit Hours: 3. *State Core course.* Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**SYG 2000 - Introductory Sociology**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**WOH 1012 - World History to 1500**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring.

**WOH 1022 - World History Since 1500**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring.

**WOH 1012 - World History to 1500**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring.

**WOH 1022 - World History Since 1500**, Credit Hours: 3. Prerequisite(s): Qualify for enrollment in ENC 1101. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring.

### Lower Division Courses

Complete a minimum of 30 credits.

Note: Students may select from: either CNT 2001C or CET 2600C; either COP 2551C or COP 2360C or COP 2800C or COP 2842C; and either MAN 2682 or CEN 2071C.

**CEN 2071C - Secure Software Testing**, Credit Hours: 3. Note: Select from MAN 2582 or CEN 2071C. Students who plan to select the Application Development concentration must take CEN 2071C. Students who plan to select the Information Technology Management concentration must take MAN 2582. Prerequisite(s): COP 2551C or COP 2334C or COP 2360C or COP 2837C or COP 2220C or COP 2800C or COP 2034C. Corequisite(s): None. Conditions: None. Terms Offered: Fall 2025, Summer 2026, Spring 2027, Summer 2027.

**CET 2600C - Network Fundamentals (Cisco 1)**, Credit Hours: 3. Note: Select from CNT 2001C or CET 2600C. Prerequisite(s): CTS 1131C and CTS 1133C, both with a grade of C or higher. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**CGS 1100C - Microcomputer Applications for Business and Economics**, Credit Hours: 3. Prerequisite(s): None. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**CIS 2321C - Information Systems**, Credit Hours: 3. Prerequisite(s): CGS 1100C. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring.

**CNT 2001C - Computer Networks and Telecommunications**, Credit Hours: 3. Note: Select from CNT 2001C or CET 2600C. Prerequisite(s): CGS 1060C or CGS 1100C. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**COP 1000C - Introduction to Computer Programming**, Credit Hours: 3. Prerequisite(s): None. Corequisite(s): None. Conditions: Suggested Course: MAT 1033 with a grade of C or higher or satisfactory score on mathematics placement test. Terms Offered: Fall, Spring, Summer.

**COP 2551C - Introduction to Object Oriented Programming with Java**, Credit Hours: 3. Note: Select from COP 2551C, COP 2360C, COP 2800C or COP 2842C. Students who plan to select the Application Development concentration must take COP 2360C COP 2551C or COP 2800C. Prerequisite(s): COP 1000C with a grade of C or higher. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**COP 2360C - Introduction to C#**, Credit Hours: 3. Note: Select from COP 2551C, COP 2360C, COP 2800C or COP 2842C. Students who plan to select the Application Development concentration must take COP 2360C COP 2551C or COP 2800C. Prerequisite(s): COP 1000C. Corequisite(s): None. Conditions: None. Terms Offered: Fall.

**COP 2800C - Java 1**, Credit Hours: 3. Note: Select from COP 2551C, COP 2360C, COP 2800C or COP 2842C. Students who plan to select the Application Development concentration must take COP 2360C COP 2551C or COP 2800C. Prerequisite(s): COP 1000C with a grade of C or higher. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring.

**COP 2842C - Internet Programming**, Credit Hours: 4. Note: Select from COP 2551C, COP 2360C, COP 2800C or COP 2842C. Students who plan to select the Application Development concentration must take COP 2360C, COP 2551C or COP 2800C. Prerequisite(s): COP 2822C. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring.

**CTS 1120C - Fundamentals of Information Security**, Credit Hours: 3. Prerequisite(s): Prerequisite courses must be completed with a grade of C or higher. Option 1: CTS 1131C and CTS 1133C. Option 2: CGS 1060C and CNT 1015C and CNT 2001C. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**CTS 1131C - Hardware Configuration**, Credit Hours: 3. Prerequisite(s): None. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**CTS 1133C - Software Configuration**, Credit Hours: 3. Prerequisite(s): None. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**CTS 2437C - SQL Server I - Fundamentals**, Credit Hours: 3. Prerequisite(s): COP 1000C. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**MAN 2582 - Introduction to Project Management**, Credit Hours: 3. Note: Select from MAN 2582 or CEN 2071C. Students who plan to select the Application Development concentration must take CEN 2071C. Students who plan to select the Information Technology Management concentration must take MAN 2582. Prerequisite(s): None. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

### Upper Division Courses

Complete all of the following courses.

**GEB 3213 - Business Writing**, Credit Hours: 3. Prerequisite(s): ENC1101 or ENC1101C with a grade of C or higher. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**ISM 3113C - Systems Analysis and Design**, Credit Hours: 3. Prerequisite(s): CIS 2321C and COP 2800C or COP 2551C or COP 2334C or COP 2360C and CTS 2437C (each with a grade of C or higher). Corequisite(s): None. Conditions: Junior-level status. Terms Offered: Fall, Spring.

**ISM 4117C - Business Intelligence**, Credit Hours: 3. Prerequisite(s): CTS 2437C and ISM 4212C. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**ISM 4212C - Database and Physical Design**, Credit Hours: 3. Prerequisite(s): CTS 2437C with a grade of C or higher. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

### Application Development Upper Division Concentration Courses

Students who select the Application Development concentration must complete all of the following courses.

**CEN 3024C - Software Development I**, Credit Hours: 3. Prerequisite(s): COP 3330C. Corequisite(s): None. Conditions: None. Terms Offered: Fall.

**CEN 3083C - Introduction to Cloud Computing**, Credit Hours: 3. Prerequisite(s): CNT 2001C or CET 2600. Corequisite(s): None. Conditions: None. Terms Offered: Fall.

**CEN 4025C - Software Development II**, Credit Hours: 3. Prerequisite(s): CEN 3024C. Corequisite(s): CEN 4802C. Conditions: None. Terms Offered: Spring.

**CEN 4802C - Software Integration, Configuration and Testing**, Credit Hours: 3. Prerequisite(s): CEN 3024C and CEN 2071C. Corequisite(s): CEN 4025C. Conditions: None. Terms Offered: Spring.

**CEN 4940 - Application Development Capstone**, Credit Hours: 3. Prerequisite(s): CEN 4025C, COP 4655C, CEN 4802C and COP 4847C, with a grade of C or higher for each course. Corequisite(s): None. Conditions: Senior-Level Status. Terms Offered: Summer.

**COP 3330C - Object-Oriented Programming**, Credit Hours: 3. Prerequisite(s): COP 2551C or COP 2800C or COP 2360C. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Summer.

**COP 3813C - Web Application Development**, Credit Hours: 3. Prerequisite(s): None. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Summer.

**COP 4655C - Application Development for Mobile Devices**, Credit Hours: 3. Prerequisite(s): CTS 2437C, COP 3330C, CEN 2071C, and ISM 3113C. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Summer.

**COP 4847C - Advanced Web Application Development**, Credit Hours: 3. Prerequisite(s): COP 3330C and COP 3813C. Corequisite(s): None. Conditions: None. Terms Offered: TBA.

### FinTech Upper Division Concentration Courses

Students who select the FinTech concentration must complete all of the following courses.

**FIN 3400 - Financial Management**, Credit Hours: 3. Prerequisite(s): GEB 3213. Corequisite(s): GEB 3213. Conditions: None. Terms Offered: Fall, Spring, Summer.

**FIN 3450 - Foundations of FinTech**, Credit Hours: 3. Prerequisite(s): None. Corequisite(s): None. Conditions: None. Terms Offered: Fall, Spring, Summer.

**FIN 3740 - Data Ethics and Regulatory Concepts in FinTech**, Credit Hours: 3. Prerequisite(s): None. Corequisite(s): None. Conditions: None. Terms Offered: TBA.

**FIN 4451 - FinTech Capstone**, Credit Hours: 3. Prerequisite(s): FIN 3740 and ISM 3232C. Corequisite(s): None. Conditions: None. Terms Offered: TBA.

**IDC 3021C - Technology in FinTech**, Credit Hours: 3. Prerequisite(s): None. Corequisite(s): None. Conditions: None. Terms Offered: Fall.

**IDC 4022C - Machine Learning for FinTech**, Credit Hours: 3. Prerequisite(s): FIN 3450 and IDC 3021C. Corequisite(s): None. Conditions: None. Terms Offered: Summer.

**IDC 4251C - Data Mining for FinTech**, Credit Hours: 3. Prerequisite(s): FIN 3450 and IDC 3021C. Corequisite(s): None. Conditions: None. Terms Offered: Spring.

**IDC 4252C - Data Analytics for FinTech**, Credit Hours: 3. Prerequisite(s): FIN 3450 and IDC 3021C. Corequisite(s): None. Conditions: None. Terms Offered: Spring.

**ISM 3232C - FinTech Application Development**, Credit Hours: 3. Prerequisite(s): FIN 3450 and IDC 3021C. Corequisite(s): None. Conditions: None. Terms Offered: Spring.

### Information Technology Management Upper Division Concentration Courses

Students who select the Application Information Technology Management concentration must complete all of the following courses.

**BUL 3130 - Business Law and Ethics**, Credit Hours: 3. Prerequisite(s): None. Corequisite(s): None. Conditions: Junior-level status or above. Terms Offered: Fall, Spring, Summer.

**FIN 3400 - Financial Management**, Credit Hours: 3. Prerequisite(s): GEB 3213. Corequisite(s): GEB 3213. Conditions: None. Terms Offered: Fall, Spring, Summer.

**GEB 4891 - Strategic Management and Decision Making**, Credit Hours: 3. Prerequisite(s): GEB 3213. Corequisite(s): GEB 3213. Conditions: None. Terms Offered: Fall, Spring, Summer.

**ISM 3013 - Introduction to Information Technology Management**, Credit Hours: 3. Prerequisite(s): None. Corequisite(s): None. Conditions: Junior-level status or above. Terms Offered: Fall, Spring, Summer.

**ISM 4220C - Network Management for Information Professionals**, Credit Hours: 3. **Prerequisite(s):** CTS 1131C and CTS 1133C and CNT 2001C, or CET 2600C, each with a grade of C or higher. **Corequisite(s):** None. **Conditions:** Junior-level status or above. **Terms Offered:** Fall, Spring, Summer.

**ISM 4302 - Information Technology Planning**, Credit Hours: 3. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** Senior-level status or above. **Terms Offered:** Fall, Spring, Summer.

**ISM 4480 - Electronic Commerce Systems and Strategies**, Credit Hours: 3. **Prerequisite(s):** COP 2800C or COP 2551C or COP 2842C (each with a grade of C or higher). **Corequisite(s):** None. **Conditions:** Senior-Level Status. **Terms Offered:** Fall, Spring, Summer.

**ISM 4881 - Capstone in Information Technology Management**, Credit Hours: 3. **Prerequisite(s):** ISM 4480, ISM 4212C, and ISM 3113C (with a grade of C or higher for each course). **Corequisite(s):** None. **Conditions:** Senior-level status or above. **Terms Offered:** Fall, Spring, Summer.

**MAN 3240 - Organizational Behavior**, Credit Hours: 3. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

### Foreign Language Courses

For additional information, see the [Foreign Language Requirement](#).

**ASL 1140 - American Sign Language I**, Credit Hours: 4. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** This course can be taken by students not enrolled in the ASL/English Interpreting program to satisfy associate in arts elective credits and/or foreign language requirements. **Terms Offered:** Fall, Spring, Summer.

**ASL 1150 - American Sign Language II**, Credit Hours: 4. **Prerequisite(s):** ASL 1140 with a grade of C or higher. **Corequisite(s):** None. **Conditions:** This course can be taken by students not enrolled in the ASL/English Interpreting program to satisfy associate in arts elective credits and/or foreign language requirements. **Terms Offered:** Fall, Spring, Summer.

**FRE 1120 - French I**, Credit Hours: 4. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

**FRE 1121 - French II**, Credit Hours: 4. **Prerequisite(s):** FRE 1120 or equivalent with a grade of C or higher. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

**SPN 1120 - Spanish I**, Credit Hours: 4. **Prerequisite(s):** None. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.

**SPN 1121 - Spanish II**, Credit Hours: 4. **Prerequisite(s):** SPN 1120 or equivalent with a grade of C or higher. **Corequisite(s):** None. **Conditions:** None. **Terms Offered:** Fall, Spring, Summer.