

The Associate in Science (A.S.) Degree in Histologic Technology prepares graduates for employment as entry-level clinical laboratory professionals.

The program focuses on comprehension and mastery of the histotechnology body of knowledge in conjunction with clinical skill development.

<input checked="" type="checkbox"/> Task
<input type="checkbox"/> View career information at <a href="http://www.fscj.edu/careercoach">http://www.fscj.edu/careercoach</a>
<input type="checkbox"/> Meet with your advisor each term.
<input type="checkbox"/> Fulfill the Civic Literacy requirement.
<input type="checkbox"/> Satisfy the associate in science degree graduation requirements.

### Career Options

Histologic technology (HT) professionals will be used in hospitals or private pathology laboratories, playing an integral role in preparing tissue specimens for the microscopic diagnosis of disease. Additionally, histology, the science of demonstrating a multitude of cellular characteristics, will be found utilized in medical, pharmaceutical and industrial research settings.

### Certification/Licensing

This program enables the graduate to sit for the ASCP Histotechnician (HT) certification exam. Students who pass the HT (ASCP) exam will be eligible for Florida licensure in histology through the Board of Clinical Laboratory Personnel, Department of Health at [floridasclinicallabs.gov](http://floridasclinicallabs.gov).

**Note:** If you are considering employment in a state other than Florida, please visit <https://www.fscj.edu/academics/license-disclose> to determine if this program will meet the selected state's requirements to sit for licensure or certification testing.

### Application Procedure

**This is a Limited Access program.** Students must follow the application procedure outlined in the current College Catalog. The **application deadline** is May 15 of each year with classes starting in the Fall term.

### Advising

(904) 713-4545 or [hcic@fscj.edu](mailto:hcic@fscj.edu).

### Recommended Roadmap

This roadmap provides general guidance about recommended courses. For specific guidance about your individual academic degree plan, please see an advisor. Also refer to the College Catalog for additional information. A minimum grade of C or higher must be achieved in all prerequisite and histologic technology courses, as well as courses used to satisfy the general education and civic literacy requirements. Additionally, students must complete all campus-based courses with a grade point average of 2.0 or higher before entering the practicum phase of the program.

#### Prerequisites Taken Before Program Admission

If students take BSC 2085C as a prerequisite, they should take CHM 1025C in Term 1. If students take CHM 1025C as a prerequisite, they should take BSC 2085C in Term 1.

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
<input type="checkbox"/>	ENC 1101: English Composition I <b>or</b> ENC 1101C: English Composition I Enhanced <b>or</b> ENC 1102: Writing About Texts	3-4	Varies	Varies
<input type="checkbox"/>	MAC 1105: College Algebra <b>or</b> higher-level MAC prefix course <b>or</b> STA 2023: Elementary Statistics	3-5	Varies	Varies
<input type="checkbox"/>	BSC 2010C: Principles of Biology I	4	Varies	Varies
<input type="checkbox"/>	BSC 2085C: Human Anatomy and Physiology I <b>or</b> CHM 1025C: Introduction to General Chemistry	4	Varies	Varies

#### Term 1

If students take BSC 2085C as a prerequisite, they should take CHM 1025C in Term 1; if students take CHM 1025C as a prerequisite, they should take BSC 2085C in Term 1.

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
<input type="checkbox"/>	BSC 2085C: Human Anatomy and Physiology I <b>or</b> CHM 1025C: Introduction to General Chemistry	4	Varies	Varies
<input type="checkbox"/>	ARH 2000: Art in the Humanities <b>or</b> PHI 2010: Philosophy in the Humanities <b>or</b> MUL 2010: Music in the Humanities <b>or</b> LIT 2000: Literature in the Humanities <b>or</b> HUM 2020: Topics in the Humanities <b>or</b> THE 2000: Theatre in the Humanities	3	Varies	Varies
<input type="checkbox"/>	AMH 2020: United States History From 1877 to the Present <b>or</b> POS 2041: American Federal Government	3	Varies	Varies
<input type="checkbox"/>	HSC 1531: Medical Terminology (for Health Professions)	3	Varies	Varies

#### Term 2

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
<input type="checkbox"/>	BSC 2086C: Human Anatomy and Physiology II	4	Varies	Varies
<input type="checkbox"/>	MCB 2010C: Microbiology	4	Varies	Varies
<input type="checkbox"/>	CHM 2045C: General Chemistry and Qualitative Analysis I	4	Varies	Varies

## Important for You to Know

This academic roadmap does not include developmental education courses in reading, writing, and/or mathematics that you may be required to take. Students who place into developmental education courses are required to complete designated developmental education courses with a grade of C or higher regardless of program of study. In addition, it does not include MAT 1033: Intermediate Algebra, which, for many students, is a prerequisite course for MAC 1105.

## Program Learning Outcomes

Upon successful completion of the program, graduates will be able to demonstrate competency in the following domains:

**Knowledge:** Apply concepts of receiving and accessioning tissue samples; troubleshoot problem related to embedding, microtomy, staining, and coverslipping; recognize and identify cellular structures and tissue types and their staining characteristics; apply knowledge of tissues (gross & microscopic features) to problems in special fixation, processing, and embedding techniques; describe complex procedures for processing and staining tissues, including electron microscopy, enzymes histochemistry and immunohistochemistry techniques.

**Technical Skills:** Demonstrate proper safety procedures for handling chemical, biological, and physical laboratory hazards; perform the technical aspects of all histological techniques including cytological preparations; demonstrate safe and correct handling of the cryostat for frozen sectioning, and assisting in the frozen section procedure; evaluate the purpose, principle, and troubleshooting routes for selected advanced special stains and immunohistochemistry assays; perform quality control and quality assurance within predetermined limits; practice preventive and corrective maintenance of equipment and instruments or refer to appropriate sources for repairs.

**Communication, attitudes, behaviors, and decision-making abilities:** Demonstrate attributes necessary to be successful as a health care professional; apply communication skills (oral, written, non-verbal) in the histology laboratory setting; demonstrate the basic knowledge of principles of education and assessment in histotechnology education; comply with federal and state laws and regulations as they pertain to the histology laboratory; utilize sound judgment in processing information, professional decision-making and application of new technological assays to assure evidence-based patient care.

### Term 3: Fall

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Available Modalities
<input type="checkbox"/>	MLT 2190C: Histology	4	Online
<input type="checkbox"/>	MLT 2191: Histotechniques I	4	Online
<input type="checkbox"/>	MLT 2191L: Histotechniques I Lab	1	Hybrid
<input type="checkbox"/>	CHM 2046C: General Chemistry and Qualitative Analysis II or BSC 2011C: Principles of Biology II	4	Varies

### Term 4: Spring

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Available Modalities
<input type="checkbox"/>	MLT 2192: Histotechniques II	4	Online
<input type="checkbox"/>	MLT 2192L: Histotechniques II Lab	1	Hybrid
<input type="checkbox"/>	MLT 2193C: Histopathology	3	Online
<input type="checkbox"/>	MLT 2840L: Histotechnology Practicum I	5	In-Person (off campus)

### Term 5: Summer

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Available Modalities
<input type="checkbox"/>	MLT 2194: Histotechniques III	3	Online
<input type="checkbox"/>	MLT 2194L: Histotechniques III Lab	1	Hybrid
<input type="checkbox"/>	MLT 2930C: Special Topics in Histological Techniques	2	Hybrid
<input type="checkbox"/>	MLT 2841L: Histotechnology Practicum II	5	In-Person (off campus)

## Total Program Credit Hours

The Histologic Technology A.S. degree program requires a **minimum of 76 credit hours**. Total program hours may vary based on the student's individual degree plan. Please see an advisor for individual guidance.