

Chemical Laboratory Specialist Program Roadmap

Use this roadmap to guide your progress and keep you moving toward graduation.

- ☒ **Avoid surprises** – Meet with your advisor each term to monitor your progress and address concerns early.
- ☒ **Review course requirements** – Check course prerequisites, corequisites, and conditions before registering each term to ensure you meet all requirements and stay on track for graduation.
- ☒ **Stay eligible** – Maintain your GPA and complete required courses to remain in good standing.
- ☒ **Graduate on time** – Stay on schedule to avoid delays and excess credit hours that may not be covered by financial aid.

About the Program

Credit Hours: 37 total credit hours. Total hours may vary based on individual academic plan. Prior to enrolling in classes, please meet with an advisor for specific guidance about your individual academic plan.

Stay on Track

Meet the technical certificate 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 chosen program of study with a cumulative grade point average of 2.0 (C) on a 4.0 scale on all courses that apply to the chosen program of study.
- ☐ Complete a minimum of 25 percent of the total hours required for the program in residence at Florida State College at Jacksonville. Credit by examination and credit for prior learning do not count toward this residency requirement.
- ☐ Fulfill all obligations, financial or otherwise, to the College before graduating.

Available Electives

Minimum credit hours: 21.

- BSC 2020C – Human Biology, Credit Hours: 4. Terms Offered: Fall, Spring, Summer.
- BSC 2050 – Biology of Environmental Systems, Credit Hours: 3. Terms Offered: TBA.
- CHM 1025C – Introduction to General Chemistry, Credit Hours: 4. Terms Offered: Fall, Spring, Summer.
- CHM 1032C – Principles of General Chemistry, Credit Hours: 4. Terms Offered: Fall, Spring, Summer.
- MAC 1114 – College Trigonometry, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.
- MAC 1140 – Precalculus Algebra, Credit Hours: 4. Terms Offered: Fall, Spring, Summer.
- MAC 1147 – Precalculus Algebra and Trigonometry, Credit Hours: 5. Terms Offered: Fall, Spring, Summer.
- MAC 2311 – Calculus With Analytic Geometry I, Credit Hours: 4. Terms Offered: Fall, Spring, Summer.
- MAC 2312 – Calculus With Analytic Geometry II, Credit Hours: 4. Terms Offered: Fall, Spring, Summer.
- MAC 2313 – Calculus With Analytic Geometry III, Credit Hours: 4. Terms Offered: Fall, Spring, Summer.
- MCB 2010C – Microbiology, Credit Hours: 4. Terms Offered: Fall, Spring, Summer.
- PHY 2048C – Physics I with Calculus, Credit Hours: 4. Terms Offered: Fall, Spring, Summer.
- PHY 2053C – General Physics I, Credit Hours: 4. Terms Offered: Fall, Spring, Summer.
- PHY 2049C – Physics II With Calculus, Credit Hours: 4. Terms Offered: Fall, Spring, Summer.
- PHY 2054C – General Physics II, Credit Hours: 4. Terms Offered: Fall, Spring, Summer.
- STA 2023 – Elementary Statistics, Credit Hours: 3. Terms Offered: Fall, Spring, Summer.

More Information Online

Program Webpage: fscj.edu/program?pcode=6501

Program Catalog Page: catalog.fscj.edu/programs/6501

Sample Roadmaps

Biological Sciences Option

Term 1

Course	Credits	Course Type	Terms Offered
BSC 2085C – Human Anatomy and Physiology I	4	Professional	Fall, Spring, summer
Professional Elective course	3-5	Professional Elective	Fall, Spring, Summer
Professional Elective course	3-5	Professional Elective	Fall, Spring, Summer

Term 2

Course	Credits	Course Type	Terms Offered
BSC 2010C – Principles of Biology I	4	Professional	Fall, Spring, summer
Professional Elective course	3-5	Professional Elective	Fall, Spring, Summer
Professional Elective course	3-5	Professional Elective	Fall, Spring, Summer

Term 3

Course	Credits	Course Type	Terms Offered
BSC 2011C – Principles of Biology II	4	Professional	Fall, Spring, summer
Professional Elective course	3-5	Professional Elective	Fall, Spring, Summer

Term 4

Course	Credits	Course Type	Terms Offered
BSC 2086C – Human Anatomy and Physiology II	4	Professional	Fall, Spring, summer

Chemical Laboratory Option

Term 1

Course	Credits	Course Type	Terms Offered
CHM 2045C – General Chemistry and Qualitative Analysis I	4	Professional	Fall, Spring, summer
Professional Elective course	3-5	Professional Elective	Fall, Spring, Summer
Professional Elective course	3-5	Professional Elective	Fall, Spring, Summer

Term 2

Course	Credits	Course Type	Terms Offered
CHM 2046C – General Chemistry and Qualitative Analysis II	4	Professional	Fall, Spring, summer
Professional Elective course	3-5	Professional Elective	Fall, Spring, Summer
Professional Elective course	3-5	Professional Elective	Fall, Spring, Summer

Term 3

Course	Credits	Course Type	Terms Offered
CHM 2210C – Organic Chemistry I	4	Professional	Fall, Spring, summer
Professional Elective course	3-5	Professional Elective	Fall, Spring, Summer

Term 4

Course	Credits	Course Type	Terms Offered
CHM 2211C – Organic Chemistry II	4	Professional	Fall, Spring, summer