Data Science Technician 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: 42 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.

Minimum Grade Requirement(s)

A minimum grade of C or higher is required in:

- ☐ All Professional coursework
- ☐ All General Education coursework

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.

More Information Online

Program Webpage: fscj.edu/program?pcode=6287

Program Catalog Page: catalog.fscj.edu/programs/6287

Sample Roadmap

Term 1

Course	Credits	Course Type	Terms Offered
MGF 1130 – Mathematical Thinking (recommended course) **or** MAC 1105 – College Algebra **or** MAC 1105C – College Algebra Enhanced **or** MAC 1114 – College Trigonometry **or** MAC 1140 – Precalculus Algebra **or** MAC 1147 – Precalculus Algebra and Trigonometry **or** MAC 2233 – Calculus for Business and Social Sciences **or** MAC 2311 – Calculus With Analytic Geometry I **or** MAC 2312 – Calculus With Analytic Geometry II **or** MAC 2313 – Calculus With Analytic Geometry III **or** MAP 2302 – Differential Equations **or** STA 2023 – Elementary Statistics	3–5	General Education	Fall, Spring, Summer
COP 1000C – Introduction to Computer Programming	3	Professional	Fall, Spring, Summer
CGS 2512C – Spreadsheet Concepts and Practices	3	Professional	Fall, Spring, Summer
CNT 1015C – Operating Systems Foundations	3	Professional	Fall, Spring, Summer

Term 2

Course	Credits	Course Type	Terms Offered
CGS 1060C – Introduction to Information Technology	3	Professional	Fall, Spring, Summer
COP 2034C – Programming in Python	3	Professional	Fall, Spring, Summer
COP 2822C – Web Technologies	4	Professional	Fall, Spring, Summer
COP 2800C – Java 1	3	Professional	Fall, Spring, Summer

Term 3

Course	Credits	Course Type	Terms Offered
CTS 2437C – SQL Server I – Fundamentals	3	Professional	Fall, Spring, Summer
CAP 2741C – Data Visualization	2	Professional	Fall, Spring, Summer
COP 2073C – Introduction to Statistical Programming with R	3	Professional	Fall, Spring, Summer
CTS 2456C – Introduction to SAS Programming	3	Professional	Fall, Spring, Summer

Term 4

Course	Credits	Course Type	Terms Offered
CIS 2349C – Introduction to Big Data Applications	3	Professional	Fall, Spring, Summer
CAP 2787C – Data Warehousing	3	Professional	Fall, Spring, Summer