

Jax Track DUAL ENROLLMENT

Science, Technology, Engineering, and Math

This Jax Track is for students who are interested in the following careers:

- Engineering
- Video Game Design
- Actuarial Science
- Auditing
- Cybersecurity
- Geology
- Mapping
- Software
- Development Chemistry
- Physics
- Biology
- Web Development
- Computer Science
- Geography
- Archaeology
- Data Science

Jax Tracks emphasize intentional course choices over quantity of courses taken. Therefore, students may use this list as a guide for selecting courses that will fit into this set of academic majors and careers.

Jax MIX Communication Course Choices

Course	Title	College Hours	High School Credit
EH 101	English Composition I	3	English 11 and/or English 12 (1)
EH 102	English Composition II	3	English 11 and/or English 12 (1)
EH 141	Speech	3	Elective (1)
MS 112*	Precalculus Algebra	3	Mathematics 4 (1)
MS 113*	Precalculus Trigonometry	3	Mathematics 4 (1)

Applied Engineering majors must make a C or better in all courses. Likewise, many medical schools may not accept C grades.

*Completing MS 112 and MS 113 before college is an excellent choice for students in this Jax Track.

Jax MIX Experience Course Choices

Course	Title	College Hours	High School Credit
HY 201	American History I	3	US History I (1)
HY 202	American History II	3	US History II (1)
PSC 100	Introduction to American Government	3	US Government (0.5)
PSY 201*	Principles of Psychology	3	Elective (1)

Applied Engineering majors must make a C or better in all courses. Likewise, many medical schools may not accept C grades.

*Computer Information Systems majors may only take PSY 201. The Occupational Safety and Health Management major requires PSY 201 with a grade of C or better. The Applied Engineering majors recommend taking PSY 201.

Jax MIX Expression Course Choices

Course	Title	College Hours	High School Credit
ART 130	Creative Thinking	3	Arts Education (1)
MU 233	Introduction to Music	3	Arts Education (1)
EH 201	American Literature I	3	English 11 and/or English 12 (1)
EH 202	American Literature II	3	English 11 and/or English 12 (1)
SH 101*	Beginner's Spanish I	3	World Languages (1)
SH 102*	Beginner's Spanish II	3	World Languages (1)

Applied Engineering majors must make a C or better in all courses. Likewise, many medical schools may not accept C grades.

*Spanish is currently only offered at select high schools.

Jax MIX Inquiry Course Choices

Course	Title	College Hours	High School Credit
BY 101 & BY 103*	Introductory Biology & Lab I	3	Science 3 and/or Science 4 (1)
BY 102 & BY 104*	Introductory Biology & Lab II	3	Science 3 and/or Science 4 (1)

Applied Engineering majors must make a C or better in all courses. Likewise, many medical schools may not accept C grades.

*Applied Engineering students must take Chemistry or Physics, not Biology. Therefore, students in these majors might hold on taking science until college.

*Some medical schools may not accept online science courses and labs.

Tax Track MAJORS

Science, Technology, Engineering, and Math

What are Tax Tracks?

At Jax State, we want to help you find the right path to your dream job. That path starts with our Dual Enrollment program where you can take college classes that lead you to the perfect major and career.

We know that figuring out a major is hard, so we developed five Jax Tracks to let you choose a more general grouping of careers and college majors. Choosing a Jax Track is the first step in figuring out your major.

We also know that high school and college is a time of exploration, when classes, instructors, and even clubs and extracurriculars can help you decide what you want to become. Therefore, it's never too late to change your Jax Track! Jax State's Dual Enrollment team will help you navigate your way to the right path for your dream job.

Math

Mathematics - Data Science

Mathematics - General

Mathematics - Traditional



DUAL ENROLLMENT



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Track information

Science

Biology

Cellular and Molecular Biology

Ecology and Environmental Biology

Marine Biology

Organismal Biology

Applied Chemistry

General Chemistry - ACS Certification

Medicinal Chemistry

Geography

Technology

Geography - Geospatial Technology

Computer Science - Data Science

Computer Science - Game Development

Computer Science - General

Computer Science - Information Assurance

Computer Science - Web Development

CIS - Data Science

CIS - General

CIS - Information Assurance

CIS - Web Development

Engineering

Applied Manufacturing Engineering: Automation and Robotics

Applied Manufacturing Engineering: Manufacturing Management

Industrial Leadership

Occupational Safety and Health Management

Pre-Engineering (Transfer Track)