



RECOMMENDED HIGH SCHOOL COURSE PROGRESSION

Grades 9-10

Grade 11

Grade 12

SCIENCE

Science Sequence
Biology 1 & 2

Physics or Chemistry

Physics or Chemistry

SOCIAL SCIENCE

Social Science Sequence

Social Science Sequence

Social Science Sequence
(Economics Recommended)

MATH

Algebra 2

Pre-Calculus OR
JALC Math Track

AP Calculus OR
JALC Math Track

ENGLISH

English Sequence

English Sequence

AP Language & Composition
OR ENG 101 English Comp I
AND ENG 102 English Comp II

RECOMMENDED ELECTIVES AND ACTIVITIES FOR THESE MAJORS

Humanities Electives

PHL 121:
Intro to Logic

Social Science Electives

ECO 201/202:
Intro to Microeconomics
& Macroeconomics

Recommended Clubs & Activities

Math Team
Rocket Team
Science Club
JALC STEM Club
JALC STEM Day

RECOMMENDED DUAL ENROLLMENT COURSES

Grade 11

Grade 12

ENGINEERING

MAT 111/ SCI 100
MAT 131/ BIO 225

MAT 202/ EGR 101
MAT 205/ PHY 205

MATHEMATICS

MAT 111/ SCI 100
MAT 131/ BIO 225

MAT 202/ ECON 201
MAT 205/ PHY 205

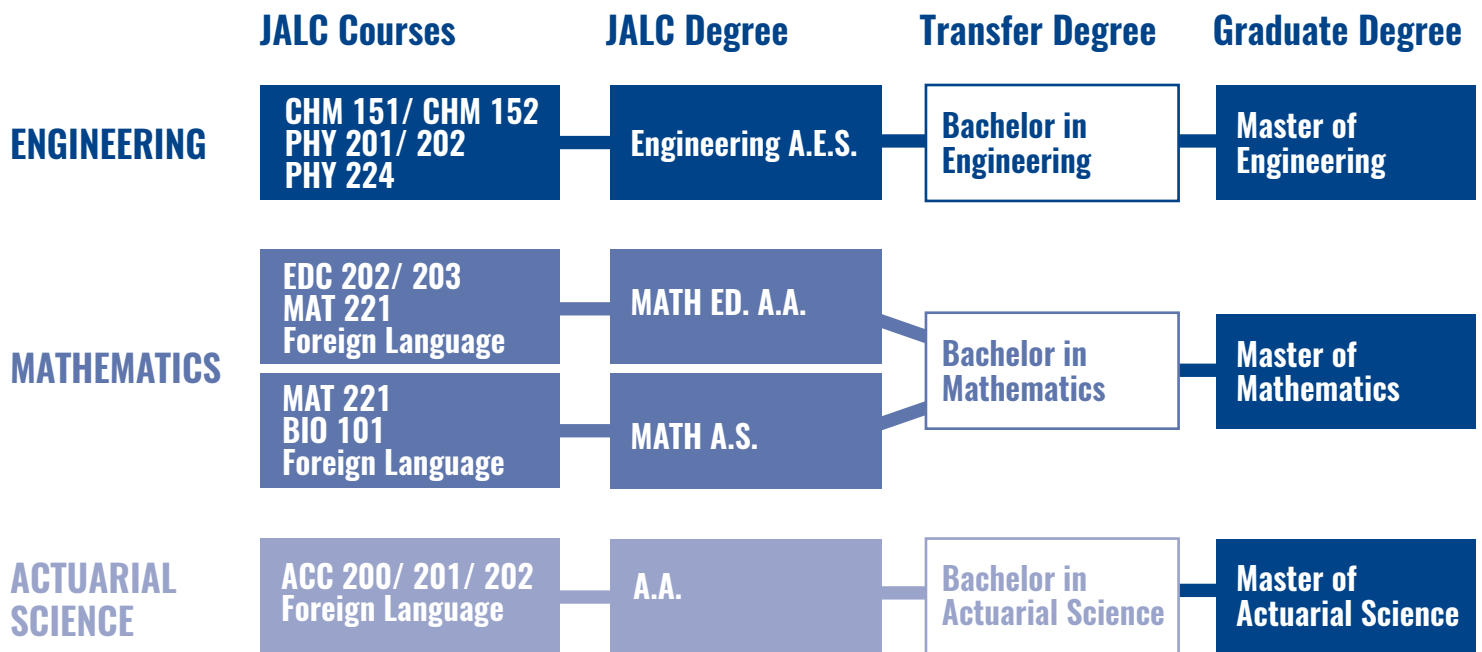
ACTUARIAL SCIENCE

MAT 111/ SCI 100
MAT 131/ BIO 225

MAT 202/ ECON 201
MAT 205/ PHY 205



MAJOR-SPECIFIC COURSES AT JALC



Click Here for more detailed information on each JALC program guide that follows this link: <https://www.jalc.edu/program-guides/>

Click Here for information on articulation agreements between JALC and area Universities that follows this link: <https://www.jalc.edu/academic-advisement/transferring-and-agreements/>

SELECTED OCCUPATIONS, WAGES, & JOB GROWTH

Program	Job Options	2021 Annual Average Pay*	Typical Education*	Growth Outlook in US: % Change over next 10 years
Engineering	Estimator	\$65,170	Bachelor's Degree	1%
	Various Engineering Positions	\$95,000-\$130,000	Bachelor's Degree	7-14%
	Technical Writer	\$78,060	Bachelor's Degree	12%
Math	Jr. High/High School Math Teacher	\$61,820	Bachelor's Degree	8%
	Accountant	\$77,250	Bachelor's Degree	7%
	Surveyor	\$61,600	Bachelor's Degree	2%
	Statistician	\$96,280	Bachelor's Degree	33%
	College Math Instructor	\$79,640	Ph.D.	12%
Actuarial Science	Financial Analyst	\$81,410	Bachelor's Degree	6%
	Actuaries	\$105,900	Bachelor's Degree	24%
	Business Analyst	\$93,000	Bachelor's Degree	14%

*US Bureau of Labor Statistics, (bls.gov)