

RECOMMENDED HIGH SCHOOL COURSE PROGRESSION			
	Grades 9-10	Grade 11	Grade 12
<b>SCIENCE</b>	Science Sequence Biology 1 & 2	Physics or Chemistry	Physics or Chemistry
<b>SOCIAL SCIENCE</b>	Social Science Sequence	Psychology OR PSY 132-Dual Credit	Social Science Sequence (Economics Recommended)
<b>MATH</b>	Algebra 2	Pre-Calculus	Statistics OR MAT 120-Dual Credit (Calculus if Computer Science Track)
<b>ENGLISH</b>	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

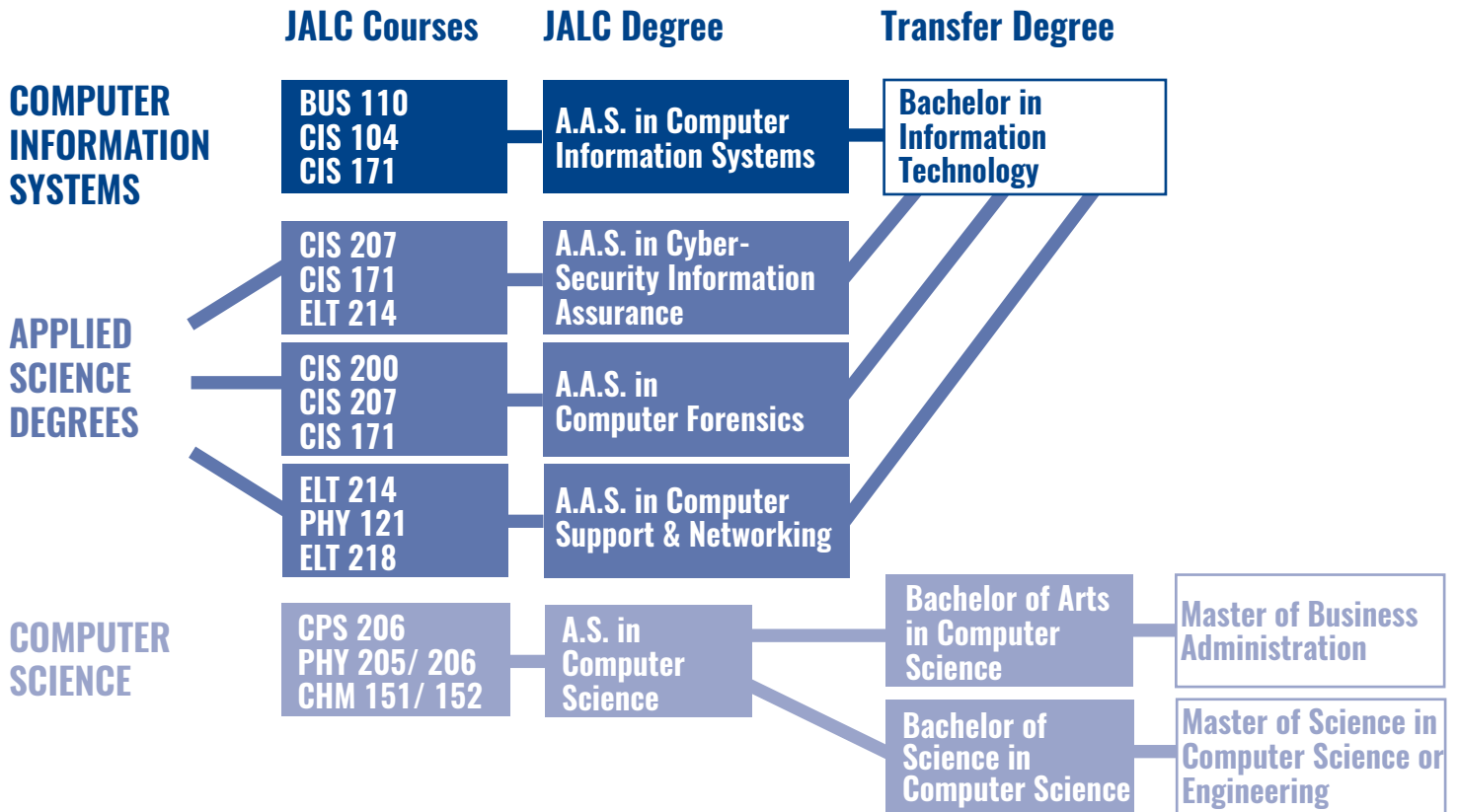
ECO 201/202:  
Intro to Microeconomics  
& Macroeconomics  
PSY 132: General Psychology

#### Recommended Clubs & Activities

Computer club  
JALC Computer Technology Day  
JALC Logan Defenders  
Robotics Club  
Video Game Club

RECOMMENDED DUAL ENROLLMENT COURSES		
	Grade 11	Grade 12
<i>COMPUTER INFORMATION SYSTEMS</i>	<b>CIS 200 CIS 207</b>	<b>CIS 208 CIS 230</b>
<i>APPLIED SCIENCE DEGREES</i>	<b>CIS 200 CIS 206</b>	<b>CIS 208 CIS 230</b>
<i>COMPUTER SCIENCE</i>	<b>BIO 101 MAT 108</b>	<b>MAT 109 MAT 131</b>

## 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
Computer Information Systems	Information Technology Directory/Manager	\$159,010	Bachelor's Degree	11%
	Software Developer	\$110,140	Bachelor's Degree	22%
	Computer Programmer/Coder	\$93,000	Bachelor's Degree	-10%
Applied Science Degrees	Information Security Analyst	\$102,600	Bachelor's Degree	33%
	Career & Technical Education Instructor	\$61,160	Bachelor's Degree	5%
	Forensic Science Tech	\$61,930	Bachelor's Degree	16%
	Computer/IT Support Specialist	\$57,910	Associate's Degree	9%
	Computer Assembler	\$37,170	Associate's Degree	-5%
Computer Science	Computer Systems Analyst	\$99,270	Bachelor's Degree	7%
	Computer Scientist	\$131,490	Master's Degree	22%
	Computer Hardware Engineer	\$128,170	Bachelor's Degree	2%

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