Prerequisite to this major is basic understanding of computer programming, discrete math, calculus, and economics. Grades of 4 or 5 on high-school AP computer science, statistics, calculus, microeconomics, and macroeconomics signal adequate preparation for required courses in the CSEC major. For students who have not taken these or equivalent courses in high school, the programming prerequisite may be satisfied with CPSC 100 or CPSC 112; the discrete mathematics prerequisite may be satisfied with CPSC 202 or MATH 244; the calculus prerequisite may be satisfied with MATH 112; the microeconomics prerequisite may be satisfied with ECON 110 or ECON 115; and the macroeconomics prerequisite may be satisfied with ECON 111 or ECON 116. Other courses may suffice, and students should consult the director of undergraduate studies (DUS) Philipp Strack and their academic advisers if they are unsure whether they have the prerequisite knowledge for a particular required course.

Course Requirement: Prerequisites
Econ, Econ & Math, or CompSci & Econ: Computer Science and Economics

Source URL: https://economics.yale.edu/prerequisite