Requirements of the Major

The B.S. degree program requires successful completion of fourteen term courses (not including courses taken to satisfy prerequisites) and the senior project. Nine of the fourteen courses are listed below; the remaining five courses are electives. With permission of the DUS Philipp Strack and the academic adviser, a student may substitute a more advanced course in the same area as a required course. When a substitution is made, the advanced course counts toward the nine required courses and not toward the five electives.

The required courses include CPSC 201; CPSC 223; CPSC 323; CPSC 365 or CPSC 366; ECON 121 or ECON 125; two courses in econometrics (ECON 117 and ECON 123 or ECON 135 and ECON 136); ECON 351; one course in the intersection of computer science and economics (e.g., CPSC 455, ECON 417, or ECON 433). With permission of the DUS Philipp Strack, S&DS 241 and S&DS 242 may be taken instead of ECON 135.

Elective courses are essentially those courses that count as electives in the Computer Science major, the Economics major, or both. Exceptions are courses such as CPSC 455, ECON 417, and ECON 433 in the intersection of computer science and economics that count as electives in CPSC or ECON or both. At least one such course is required for CSEC, and students may not count the same course as an elective for CSEC. At least two electives must be taken in the CPSC department, and at least one must be taken in the ECON department. With the permission of the academic adviser, a student may use as the fourth and/or fifth elective one or two courses in related departments that do not usually serve as electives in CPSC or ECON.

**Credit/D/Fail** Courses taken Credit/D/Fail may not be counted toward the major.

**Course Requirement:** Computer Science and Economics Requirements

**Econ, Econ & Math, or CompSci & Econ:** Computer Science and Economics

**Source URL:** https://economics.yale.edu/requirements-major