

COMPUTER SCIENCE, ASSOCIATE OF SCIENCE



The Associate of Science (AS) degree is designed for students who plan to transfer to a four-year or upper-level college or university and major in mathematics, one of the sciences (biology, chemistry, geology, physics, biotechnology, or related field), engineering, or computer science. For more information, students may refer to the Core Curriculum (<https://publications.sanjac.edu/general-information/educational-programs/basics-core-curriculum-general-education-outcomes/>) and Fields of Study (<https://publications.sanjac.edu/general-information/educational-programs/field-study/>) sections of the catalog. The AS degree differs from an Associate of Arts (AA) degree in the amount or level of mathematics and science required for degree completion. The College requires a minimum of 12 hours of mathematics, 12 hours in science, or 12 hours in computer sciences beyond the Core requirement for the degree. Please note the Field of Study AS degree options contain state-required courses recommended for the degree.

Students seeking an AS degree should take science courses designed for majors rather than courses for non-majors. Science courses designed for allied health students are not intended for academic transfer toward a science major.

Students choosing to pursue an AS degree should select from the following areas of study: Natural Science, Computer Science, Engineering, or Mathematics. Courses designed for non-majors do not apply to an AS degree:

- BIOL 1308 Biology for Non-Science Majors I (lecture)/BIOL 1108 Biology for Non-Science Majors I (lab);
- BIOL 1309 Biology for Non-Science Majors II (lecture)/BIOL 1109 Biology for Non-Science Majors II (lab);
- CHEM 1305 Introductory Chemistry I (lecture)/CHEM 1105 Introductory Chemistry I (lab); and
- GEOL 1301 Earth Sciences for Non-Science Majors I (lecture)/GEOL 1101 Earth Sciences for Non-Science Majors I (lab).

The College recommends these courses for the AA degrees.