

Institute requirements for the Bachelor of Arts degree (50-54 credits)
(Covers state General Education requirements.)

Area 1—Communications (9 credits)

ENGL 1110 (3 credits)

ENGL 1120 (3 credits) -Must meet prerequisites to enroll.

ENGL 341 (3 credits) -Must meet prerequisites to enroll.

(Some discussion of allowing a choice of advanced communication courses in place of Technical Writing, e.g., TC 411 Persuasive Communication and Grant Writing)

Area 2—Mathematics and Quantitative Reasoning (6-8 credits)

The following classes may be used to fulfill Area 2. Programs can require specific courses on this list. At least one MATH course must be selected.

CSE 107 (4) Introduction to Computer Programming using Python

CSE XXXX Introduction to Data Science

MATH 1430. Applications of Calculus I 3 Credits

Prerequisite(s): adequate scoring on the Mathematics Placement Exam, or any ACT/SAT and GPA combination that is considered equivalent, or a C- or better in **MATH 1220** or higher

An algebraic and graphical study of derivatives and integrals, with an emphasis on applications to business, social science, economics and the sciences.

MATH 2350. Statistical Methods 3 Credits (3)

Prerequisite(s): adequate scoring on the Mathematics Placement Exam, or any ACT/SAT and GPA combination that is considered equivalent, or a C- or better in **MATH 1215** MATH 1220 or higher

MATH 1510 (4) Calculus 1

MATH 1520 (4) Calculus 2

Area 3—Basic Laboratory Sciences (14-16 (?) credits)

One semester in each of these fields, with appropriate lab (4 classes)

Biology (Biology 2110 +L)

Chemistry (Chem 109, Chem 1215+L (or CHEM XXXX)

Earth Sciences (ERTH 1110+L)

Physics (PHYS 109, PHYS 1310+L)

Area 4 - Social Sciences (9 credit hours)

Area 4a: Policy and Technology (3 cr)

At least one of “policy and technology” classes (PS/POLS; SOSC);

Area 4b: Other Social Sciences (6 cr)

Economics (ECON);
Political Science (PS/POLS);
Psychology (PSY/PSYC);
Anthropology (ANTH);
Women’s and Gender Studies (WGS);
Social Science (SS/SOSC)

Area 5 - Humanities (9 credit hours)

Area 5a: Ethics and Technology (3 cr)

At least one of “ethics and technology” classes

Area 5b: Other Humanities (6 cr)

English (ENGL) except 103, 111, 112, 341;
Communication (COMM);
History (HIST);
Philosophy (PHIL);
Humanities (HUMA);
Technical Communication (TC/TCOM) except 321, 420, 422;
Languages (SPAN, GRMN, PORT, etc.)

Area 6 – Creative and Fine Arts (3 credit hours)

Art History (ARTH);
Dance (DANC),
Music (MUS/MUSC);
Theater (THEA)

Area 7 (zero credits)

Zero courses from Area 4, Area 5, or EDUC