

MATH, SCIENCE, AND TECHNOLOGY

Transfer students who took courses in this Corollary Studies Area at a community college should check with their advisor to see if additional courses taken that transferred into ASU as electives but not as ASU equivalent courses count in this SAC.

I. General Education Program Requirements: Six-eight semester hours (6-8 SH) of courses identified with an asterisk (*) may be applied to satisfy General Education requirements.

II. Math, Science, & Technology Concentration Requirements:18 SH
 Select courses from a minimum of two and a maximum of three different fields (prefixes).

ASTRONOMY

- AST 1001 Intro Astro I / Solar System* 4 (F)
- AST 1002 Intro Astro II / Star Galax* 4 (S)

BIOLOGY

- BIO 1101 Biology in Society I* 4 (F;S)
- BIO 1102 Biology in Society II* 4 (F;S)
- BIO 2000 Introduction to Botany 4 (F;S)
- BIO 2001 Introduction to Zoology 4 (F;S)
- BIO 2400 & 2410 Genetics & Lab 4 (F;S)
- BIO 3302 Ecology 4 (F;S)
- BIO 3308 Microbiology 4 (F;S)
- BIO 3310 Marine Sciences 3 (S)
- BIO 3312 Environmental Studies 3 (F;S)
- BIO 4551 Ornithology 4 (S)
- BIO 4552 Entomology 4 (F)
- BIO 4559 Mammalogy 4 (S)
- BIO 4569 Invertebrate Zoology 4 (F)

CHEMISTRY

- CHE 1101 & 1110 Intro Chem I & Lab* 4 (F;S)
- CHE 1102 & 1120 Intro Chem II & Lab* 4 (F;S)
- CHE 2201 & 2203 Organic Chem I & Lab 4 (F;S)
- CHE 2202 & 2204 Organic Chem II & Lab 4 (F;S)
- CHE 2210 Quantitative Analysis 3 (F;S)
- CHE 2211 Quantitative Analysis Lab 1 (F;S)

COMPUTER SCIENCE

- CS 1100 Discrete Mathematics 3 (F;S)
- CS 1440 Computer Science I 4 (F;S)
- CS 2440 Computer Science II 4 (F;S)

GEOGRAPHY

- GHY 1011 Global Climate Change* 4 (F;S)
- GHY 1012 Global Change of the Biosphere* 4 (F;S)
- GHY 3100 Weather and Climate 3 (S)

GEOLOGY

- GLY 1101 Intro to Physical Geology* 4 (F;S)
- GLY 1102 Intro to Historical Geology* 4 (F;S)
- GLY 1103 Intro Envir & Appl Geology* 4 (F;S)
- GLY 1104 Water: Mountains to Sea* 4 (F)

MATH

- MAT 1010 Intro to Math*(Preferred for EE) 4 (F;S)
- MAT 1020 College Algebra w/App* 4 (F;S)
- MAT 1025 Algebra & Elem Fun* 4 (F;S)
- MAT 1030 Calculus w/Bus App* 4 (F;S)
- MAT 1110 Calc Analy Geom I* 4 (F;S)
- MAT 1120 Calc Analy Geom II 4 (F;S)
- MAT 2130 Calc Analy Geom III 4 (F;S)
- MAT 2240 Intro Linear Algebra 3 (F;S)
- MAT/CI 3030 Investigating Mathematics
 and Learning (Required for EE-1 SH
 to be counted for SAC) 4 (F;S)
- MAT 3130 Intro to Differential Equations 3 (F;S)

PHYSICS

- PHY 1101 How Things Work* 4 (F)
- PHY 1102 Environment and Everyday Life 4 (S)
- PHY 1103 General Physics I* 4 (F;S)
- PHY 1104 General Physics II* 4 (F;S)
- PHY 1150 Analytical Physics I* 5 (F;S)
- PHY 1151 Analytical Physics II* 5 (F;S)

STATISTICS

- STT 1810 Basic Statistics* 3 (F;S)
- STT 2810 Introduction to Statistics* 3 (F;S)
- STT 3820 Statistical Methods I* 3 (F;S)

TECHNOLOGY

- TEC 2029 Society and Technology* 3 (F;S)

Contact Person: Students should contact their major program coordinator or advisor with questions. If question is in relation to a course on this list, the Chairperson of the department of the course should be contacted.

Note: Students are responsible for checking the catalog for prerequisites and co-requisites.