

# ARCHITECTURAL ENGINEERING APPROVED ELECTIVES

## MATH/SCIENCE

CH 302	Principles of Chemistry II
BIO 311C	Introductory Biology I
M 427L	Adv Calculus for Applications II
M 340L	Matrices and Matrix Calculations
M 361	Theory of Functions of a Complex Variable
M 364K	Vector and Tensor Analysis I
M 372	Fourier Series & Boundary Value Problems
M 374	Fourier and Laplace Transforms

**NOTE:** It may be possible to substitute other courses that are not on the above list. Prior approval from the Undergraduate Advisor is required. Courses in the Course Schedule that include the statement “Designed for nonscience majors” or “May not be counted toward a degree in X” cannot count under any circumstance.

Frequently requested courses that are **NOT** acceptable as an approved mathematics/science elective:

- **Astronomy:** AST 301, 302, 303, 307, 309, 309L, 309N, 309Q, 309R, 309S, 309T
- **Biology:** BIO 301C, 301D, 301L, 301M, 305E, 305F, 406D, 307D, 309D, 309F
- **Computer Science:** C S 302, 307
- **Geology:** GEO 302C, 302D, 302E, 302K, 302M, 302P, 305E, 307
- **Mathematics:** M 325K, 362K
- **Physical Science:** P S 303, 304

## ARCHITECTURAL HISTORY

These University of Texas at Austin courses satisfy the fine arts/humanities requirement for three hours of credit in one of the following areas: archaeology, architecture, art (excluding studio art), classics, theatre/dance (excluding studio courses), fine arts, humanities, music (excluding instruments and ensemble), or philosophy (excluding courses in logic). Courses other than those on the list may be approved by the designated CAEE department Undergraduate Advisor; approval must be obtained prior to taking the course. Some courses shown may require prerequisites normally not satisfied in Civil or Architectural Engineering; consult the Course Schedule or Undergraduate Catalog, or inquire at the department offering the course.

ARC 308	Architecture and Society
ARC 318K	History of Architecture, Survey I
ARC 318L	History of Architecture, Survey II

## SOCIAL SCIENCE

These University of Texas at Austin classes satisfy the social science requirement for three hours of credit in one of the following areas: anthropology, economics, geography, linguistics, psychology, or sociology. Courses other than those on the list may be approved by the designated CAEE department Undergraduate Advisor; approval must be obtained prior to taking the course. Some courses shown may require prerequisites normally not satisfied in Civil or Architectural Engineering; consult the Course Schedule or Undergraduate Catalog, or inquire at the department offering the course.

ANT 302	Cultural Anthropology
ANT 318L	Mexican American Culture
ANT 322M	Topics in Cultures of the World
ANT 324L	Topics in Anthropology
ANT 327C	Topics in American Cultures
ECO 304K	Introduction to Microeconomics
ECO 304L	Introduction to Macroeconomics
GRG 305	This Human World: An Introduction to Geography
GRG 315	The City: An Introduction to Urban Geography
GRG 324	Cultural Geography of North America
GRG 334	Conservation, Resources, and Technology
GRG 337	The Modern American City
LIN 306	Introduction to the Study of Language
LIN 325	Introduction to the Study of African American English
PSY 301	Introduction to Psychology
SOC 302	Introduction to the Study of Society
SOC 309	Chicanos in American Society
SOC 313K	Introduction to the Study of Religion
SOC 333K	Sociology of Gender
SOC 344	Racial & Ethnic Relations
SOC 346	The City and Urbanization