Approved CAP Course List

English Composition (core 010)

Two courses for any UT Austin degree:

WRC 1013 (≈ RHE 306)
WRC 1023 (≈ RHE 309K)

Mathematics (core 020)

Choose at least one course.

MAT 1043 (≈ M 302)
MAT 1053 (≈ M 305G)
MAT 1193 (≈ M 308N)
MAT 1214 (≈ M 408K*)
MAT 1224 (≈ M 408L*)
MAT 2214 (≈ M 408M)
STA 1053 (≈ SDS 301)

Science/Technology Part 1 (core 030)

Choose a sequence in one discipline:

AST 1013 (≈ AST 301)
AST 1033 (≈ AST 309S)
AST 1043 (≈ AST 309G)
AST 1073 (≈ AST 309L)
AST 1031 (≈ AST 103L)

Combine AST 1013 with 1033, 1043, or 1073

BIO 1233 (≈ BIO 301L)
BIO 1243 (≈ BIO 301M)
BIO 1404 (≈ BIO 311C+206LA)
BIO 1414 (≈ BIO 311D+206LB)

Visual & Performing Arts (core 050)

ART 1413 (≈ ARC 308)
ART 2413 (≈ ARC 318K)

Chemical/Physical Science Part 2 (core 093)

In a discipline different from the one used to satisfy the Part 1 requirement, choose one course listed below or from the Science/Technology Part 1 list.


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Recommended Courses by UT Austin Major

The following recommendations cover major-specific Mathematics, Science & Technology, Visual & Performing Arts, Social Science, or Foreign Language requirements in UT Austin degrees. (English Composition, Humanities, History, and Government requirements are the same in all degrees.)

While it is not a CAP requirement to follow a particular degree plan or take all recommended coursework, you are strongly encouraged to choose courses needed in your planned major field of study. Otherwise, you may delay your degree progress or affect your eligibility to declare a major (especially in programs that require completion of specific courses for admission).

Some majors explicitly require beginning (freshman year) or intermediate (sophomore year) foreign language proficiency. Students in all majors are required to have two years of high school credit in a single foreign language; if you do not meet this standard you must achieve beginning proficiency in university-level courses.

UT Austin School of Architecture recommended courses

Note: admission to Architecture requires completion of 24 semester hours at Austin in addition to the 30 hours earned in the CAP program.

Mathematics – for Architecture: MAT 1214+1224 or 1193+1224.

Science & Technology –

• for Architecture: choose a sequence from PHY 1603+1623+1611+1631 or (required in engineering dual degree) 1943+1963+1951+1971.

• for Interior Design: PHY 1603+1623.

Visual & Performing Arts – ARC 2413+2423 for Architecture; ARC 2423 and either ARC 1113 or 1133 for Interior Design.

Social Science – for Interior Design: PSY 1013.

UT Austin McCombs School of Business recommended courses

Note: admission to Business requires completion of ECO 2013+2023 and MAT 1214+1224 or 1193+1224.

Mathematics – MAT 1214+1224 or 1193+1224. Add MAT 2214 for the Science & Technology Management major.

Science & Technology – for the Science & Technology Management major:

CHE 1103 or 1143 and PHY 1943+1963+1951+1971.


Foreign Language – for International Business: intermediate proficiency in a language associated with the world region in which the student plans to specialize.

Approved CAP courses are listed below (with UT Austin transfer credit evaluations). For CAP purposes you can take any listed course, subject to availability and UT Austin’s placement, prerequisite, or other requirements. Courses in which grades lower than C– are earned do not transfer. Consult an academic advisor before selecting courses, and review the Recommended Courses following the list.

Courses and recommendations below are preliminary and subject to ongoing revision, as changes in UT San Antonio courses and UT Austin degree requirements become known for 2019–2020. Final information is expected in late May/early June 2019.

(continued →)
Note: admission to Engineering requires completion of at least four technical courses including MAT 1214 or 1193, GEO 1103 or 1111, and MAT 1214 or 1193 with grades of at least C- and GEO 1103 or 1111 with a grade of at least B-.

Mathematics –
- for the BA Geological Sciences: MAT 1214 or 1193.
- for the BS Environmental Science: MAT 1214+1224 or 1193+1224.
- for the BS Geological Sciences/Teaching option: MAT 1214+1224 or 1193+1224.

Science & Technology –
- for the BA Geological Sciences: CHE 1103+1111 or 1143+1153.
  GEO 1103+1123+1111+1131, and one chosen from PHY 1603 or 1943.
- for the BS Environmental Science: BIO 1404+1414, CHE 1103+1111+1121+1131 or 1143+1153+1121+1131, GEO 1103+1111, and PHY 1943+1963+1951+1971.

Social Science –
- for the BS Environmental Science: ECO 2023.

Foreign Language – intermediate proficiency for the BA Geological Sciences; beginning proficiency for the BS Geological Sciences/teaching option.

UT Austin College of Liberal Arts recommended courses

Note: admission to Economics requires completion of ECO 2013 or 2023 and MAT 1214+1224 or 1193+1224. For admission to Environmental Science see note under School of Geosciences.

Mathematics –
- for Environmental Science: BIO 1404+1414; CHE 1103+1111 (or 1143+1153) +1121+1131; GEO 1103+1111; and PHY 1943+1951.
- for Health & Society: BIO 1404.
- for Psychology (BS): two sequences in different disciplines, chosen from BIO 1404+1414; CHE 1103+1111 (or 1143+1153) +1121+1131; and PHY 1603+1623+1611+1631 or 1943+1963+1951+1971.
- for Economics or Environmental Science: MAT 1214+1224 or 1193+1224.
- for Psychology (BS) or Urban Studies: MAT 1214 or 1193 and STA 1053 (minimum grades of C+ required for admission to Urban Studies).

Social Science –
- for Environmental Science: ECO 2023.
- for Sustainability Studies: one course chosen from ECO 2013 or 2023 and one course chosen from ANT 2053 or SOC 1013.

Foreign Language – beginning proficiency for Psychology (BS); intermediate proficiency for all BA degrees.

UT Austin College of Natural Sciences recommended courses

Note: to be competitive for admission to Natural Sciences students should at minimum complete MAT 1214 or 1193 and two courses from BIO 1404, BIO 1141, CHE 1103 or 1143, CHE 1113 or 1153, PHY 1943, or PHY 1963 and have grades of A or B in all math and science coursework. For admission to Environmental Science see note under School of Geosciences.

Mathematics – MAT 1214 or 1193 for all degrees/majors. Additionally...
- MAT 1224 for Biochemistry (BA, BS), Biology (BS options I, II, IV, V, VIII), Chemistry (BSA), Environmental Science, or Neuroscience (BSA).
- MAT 1223+2214 for Astronomy, Biology (BS option X), Chemistry (BA, BS), Computer Science (BS), Mathematics, Neuroscience (BS), or Physics.

Science & Technology –
- for Biochemistry: BIO 1404+1414; CHE 1103+1113 (or 1143+1153) +1121+1131; and PHY 1943+1963+1951+1971.
- for Biology: BIO 1404+1414 and CHE 1103+1113 (or 1143+1153) +1121+1131.
- for Computer Science: a sequence chosen from BIO 1404+1414; CHE 1103+1113 (or 1143+1153) +1121+1131; GEO 1103+1123+1111+1131; or PHY 1943+1963+1951+1971.
- for Environmental Science: BIO 1404+1414; CHE 1103+1113 (or 1143+1153) +1121+1131; GEO 1103+1111; and PHY 1943+1951.
- for Human Development & Family Sciences: BIO 1404; CHE 1103 or 1143; and one chosen from BIO 1414 or CHE 1113 or 1153.
- for Mathematics: a sequence chosen from BIO 1404+1414; CHE 1103+1113 (or 1143+1153) +1121+1131; GEO 1103+1123+1111+1131; or PHY 1603+1623+1611+1631; or PHY 1943+1963+1951+1971.
- for Medical Laboratory Science or Public Health: BIO 1404+1414 and CHE 1103+1113 (or 1143+1153) +1121+1131.
- for Nutrition: BIO 1404 and CHE 1103+1113 (or 1143+1153) +1121+1131.
- for Physics: PHY 1943+1963+1951+1971. Add CHE 1103+1113 (or 1143+1153) +1121+1131 for BA & BS degrees; add BIO 1404, CHE 1103 or 1143, or GEO 1103+1111 for the BSA degree.
- for Textiles & Apparel: CHE 1103+1113 (or 1143+1153) +1121+1131.

Social Science –
- for Environmental Science: ECO 2023.
- for Mathematics/Actuarial Science option: ECO 2013 or 2023.
- for Nutrition: ANT 2053, ECO 2013 or 2023, PSY 1013, or SOC 1013. In the International option ECO 2013 or 2023 must be chosen.
- for Public Health: ECO 2013 or 2023 or PSY 1013.

Foreign Language – intermediate proficiency for all BA degrees.

UT Austin School of Nursing recommended courses

Note: admission to Nursing requires completion of BIO 1404, CHE 1103 or 1143, and STA 1053.

Mathematics – STA 1053.

Science & Technology – BIO 1404; BIO 2043 or NDT 2043; and CHE 1103 or 1143.

Social Science – PSY 1013.

UT Austin College of Pharmacy recommended courses

Mathematics – MAT 1214+1224 or 1193+1224, and STA 1053.

Science & Technology – BIO 1404+1414; CHE 1103+1113+1121+1131 or 1143+1153+1121+1131; and either PHY 1603+1611 or 1943+1951.

UT Austin School of Social Work recommended courses

Science & Technology – BIO 1233, 1243, or 1404 is required in Part 1 or Part 2.

Social Science – PSY 1013, SOC 1013, and either ECO 2013 or 2023.

Foreign Language – beginning proficiency.

Course recommendations are based on degree requirements published in UT Austin’s Undergraduate Catalog 2018-2020 and on UT San Antonio courses available during the 2019-2020 academic year. Produced by the UT Austin Office of Admissions. Revised 15 January 2019.