



# University of Texas at Austin Coordinated Admission Program

## CAP Curriculum

### University of Texas at Tyler – Fall 2023 / Spring 2024

To be eligible for guaranteed fall 2024 admission to the UT Austin College of Liberal Arts (excluding the Environmental Science major), Coordinated Admission Program students must complete 30 transferable semester hours of approved coursework (including a mathematics course other than College Algebra) with at least a 3.2 grade point average by June 1, 2024.

CAP students may compete for fall 2024 external transfer admission in Business, Communication, Education, Engineering, Fine Arts, Geosciences, Informatics, Liberal Arts (Environmental Science), Natural Sciences, Nursing, pre-Pharmacy,

and Social Work. Pursuing admission in these UT Austin programs does not compromise guaranteed admission to Liberal Arts.

Approved CAP general education courses are listed below (with UT Austin transfer credit evaluations). For CAP purposes you can take any listed course, subject to availability and UT Tyler's placement, prerequisite, or other requirements. Courses with grades lower than C- are not transferable and will not count toward the required 30 CAP hours. Consult an academic advisor before selecting courses, and review the Recommended Courses following the list.

### Approved CAP Course List

English Composition (core 010)	Humanities (core 040)	Social Science (core 080)
<p><b>English Composition (core 010)</b> 1st &amp; 2nd semester courses for any UT Austin degree:</p> <p>ENGL 1301 (= RHE 306) ENGL 1302 (= RHE 309K)</p> <p><b>Mathematics (core 020)</b> Choose at least one course.</p> <p>MATH 1332 (= M 602A) MATH 1333 (= M 602B) MATH 1342 (= SDS 301) MATH 2312 (= M 305G) MATH 2413 (= M 408K*) MATH 2414 (= M 408L*) MATH 2415 (= M 408M)</p> <p>* Natural Science majors receive alternative 408N &amp; 408S credit for Calculus I &amp; II.</p> <p>College Algebra (MATH 1314) does not count in UT Austin degrees. It counts in the required 30 CAP hours (but is excluded from the CAP GPA) if taken in the fall semester as prerequisite to a second course listed above.</p> <p><b>Science/Technology (core 030 &amp; 093)</b> Three lecture courses, with related labs as recommended. Different disciplines may be combined.</p> <p>ALHS 1315 (= NTR 306)</p>	<p>BIOL 1301 (= BIO 302E) BIOL 1302 (= BIO 302D) BIOL 1306 (= BIO 311C) BIOL 1106 (lab) (= BIO 206LA) BIOL 1307 (= BIO 311D) BIOL 1107 (lab) (= BIO 206LB) CHEM 1305 (= CH 313N) CHEM 1105 (= CH 113P) CHEM 1311 (= CH 301) CHEM 1111 (lab) (= CH 104M) CHEM 1312 (= CH 302) CHEM 1112 (lab) (= CH 104N) CHEM 1320 (= CH 308) CHEM 1321 (= CH 308) CHEM 1330 (= CH 308) COSC 1337 (= C S 312) GEOG 1301 (= GRG 301C) PHYS 1301 (= PHY 302K) PHYS 1101 (lab) (= PHY 102M) PHYS 1302 (= PHY 302L) PHYS 1102 (lab) (= PHY 102N) PHYS 1303 (= AST 301) PHYS 2325 (= PHY 303K) PHYS 2125 (lab) (= PHY 103M) PHYS 2326 (= PHY 303L) PHYS 2126 (lab) (= PHY 103N)</p> <p><i>Of PHYS 1301 and 2325 only one may count. Of PHYS 1101 and 2125 only one may count. Of PHYS 1302 and 2326 only one may count. Of PHYS 1102 and 2126 only one may count.</i></p> <p><b>Visual &amp; Performing Arts (core 050)</b> ART 1301 (= ARH 301) ART 2303 (= ARH 302) ART 2304 (= ARH 303) MUSI 1306 (= MUS 302L) MUSI 1313 (= MUS 307) THTR 1301 (= T D 301) THTR 1356 (= RTF 306)</p> <p><b>U.S. History (core 060)</b> Two courses for any UT Austin degree: HIST 1301 (= HIS 315K) HIST 1302 (= HIS 315L) HIST 1303 (= HIS 317L)</p> <p><b>U.S. &amp; Texas Government (core 070)</b> Two courses for any UT Austin degree: POLS 2305 (= GOV 305C) POLS 2306 (= GOV 306C)</p>	<p>ANTH 2346 (=ANT 3 HRS) CRIJ 1301 (=ELV 3 HRS) ECON 2301 (= ECO 304L) ECON 2302 (= ECO 304K) GEOG 1313 (=GRG 3 HRS) PSYC 1301 (= PSY 301) SOC 1301 (= SOC 302) SOC 1306 (= SOC 307E)</p> <p><b>Foreign Language</b> CHIN 1611*, 2611 (= CHI 604, 612) <i>*1611 counts as beginning proficiency 2611 counts as intermediate proficiency</i> FREN 1611*, 2611 (= FR 604, 612) <i>*1611 counts as beginning proficiency 2611 counts as intermediate proficiency</i> SPAN 1611* (= SPN 306+307) SPAN 2611 (= SPN 312K+312L) <i>*1611 counts as beginning proficiency 2611 counts as intermediate proficiency</i></p> <p><b>Other Coursework</b> COSC 1336 (= C S 3 hrs) <i>Recommended only as prerequisite to COSC 1337.</i></p>

### Recommended Courses by UT Austin Major

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

It is not a CAP requirement to follow a particular major or complete all recommended courses, but taking courses needed in your planned field of study avoids delays in degree progress and ability to declare a UT Austin major.

#### UT Austin School of Architecture recommended courses

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

**Mathematics** – for Architecture: MATH 2413+2414.

**Science & Technology** –

- for Architecture: PHYS 1301+1302+1101+1102 or (for engineering dual degree) 2325+2326+2125+2126.
- for Interior Design: PHYS 1301+1302.

**Visual & Performing Arts** –

- for Architecture: a two-course architectural history sequence is required, unavailable at UT Tyler.
- for Interior Design: one course chosen from ART 1301, 2303, or 2304.

**Social Science** – for Interior Design: PSYC 1301.

#### UT Austin McCombs School of Business recommended courses

Note: admission to Business requires completion of ECON 2301+2302 and MATH 2413+2414.

**Mathematics** – MATH 2413+2414. Add MATH 3404 for the Science & Technology Management major.

**Science & Technology** – for the Science & Technology Management major: CHEM 1311 and PHYS 2325+2326+2125+2126.

**Social Science** – ECON 2301+2302.

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

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(UT Tyler recommended CAP courses, continued)

#### UT Austin Moody College of Communication recommended courses

##### Mathematics –

- for *Advertising or Public Relations*: select a course other than MATH 1342.
- for *Speech, Language, & Hearing Sciences*: MATH 1342.

**Foreign Language** – intermediate proficiency.

#### UT Austin College of Education recommended courses

**Mathematics** – for *Kinesiology/Exercise Science major*: MATH 2413.

**Science & Technology** – for *Kinesiology, all majors*: BIOL 1306 and CHEM 1311+1312. Add PHYS 1301+1101 for the Exercise Science major.

**Social Science** – PSYC 1301.

**Foreign Language** – for *Applied Learning, all majors*: beginning proficiency. Spanish is recommended for prospective Texas teachers.

#### UT Austin Cockrell School of Engineering recommended courses

Note: admission to Engineering requires completion of at least four technical courses including MATH 2413, MATH 2414, PHYS 2325+2125, and others in BIOL, CHEM, MATH, or PHYS chosen from those listed below. Applicants exceeding the four course minimum are more competitive.

**Mathematics** – MATH 2413+2414+3404 for all degrees.

**Science & Technology** – PHYS 2325+2326+2125+2126 for all degrees.

Additionally...

- for *Aerospace, Architectural, Computational, or Mechanical Engineering*: CHEM 1311.
- for *Biomedical Engineering*: BIOL 1306+1106 and CHEM 1311+1312+1111+1112.
- for *Chemical Engineering*: CHEM 1311+1312+1111+1112.
- for *Civil, Geosystems, or Petroleum Engineering*: CHEM 1311+1312.
- for *Environmental Engineering*: BIOL 1306 and CHEM 1311+1312+1111+1112.

**Visual & Performing Arts** – for *Architectural Engineering*: a dedicated architectural history course is required, unavailable at UT Tyler.

#### UT Austin College of Fine Arts recommended courses

##### Visual & Performing Arts –

- for the majors in *Art Education, Art History, or Studio Art*: ART 2303+2304.
- for the *Design major*: ART 2304.
- for all other degrees & majors: one course outside the student's major field of study.

**Foreign Language** – beginning proficiency for the BA Studio Art major; intermediate proficiency for all other BA degrees.

#### UT Austin Jackson School of Geosciences recommended courses

Note: **Geological Science** applicants are strongly encouraged to complete CHEM 1311 and MATH 2413. **Environmental Science** applicants must complete BIOL 1306, CHEM 1311, and MATH 2413 with grades of at least C-. Majors level Physical Geology also is strongly recommended for Geological Science and required for Environmental Science admission, but is not offered at UT Tyler. Students who successfully complete CAP may pursue internal transfer in these programs after earning credit for GEO 401 or 303 at UT Austin.

##### Mathematics –

- for *BA Geological Sciences*: MATH 2413.
- for *BS Geological Sciences/Teaching option*: MATH 2413+2414.
- for *BS Geological Sciences/nonteaching options*: MATH 2413+2414+3404.
- for *Environmental Science*: MATH 2413+2414+3404.

##### Science & Technology –

- for *BA Geological Sciences*: CHEM 1311+1312 and either PHYS 1301 or 2325.
- for *BS Geological Sciences*: CHEM 1311+1312+1111+1112 and PHYS 2325+2326+2125+2126.
- for *Environmental Science*: BIOL 1306+1307, CHEM 1311+1312+1111+1112, and PHYS 2325+2326+2125+2126.

**Social Science** – for *Environmental Science*: ECON 2302.

**Foreign Language** – intermediate proficiency for BA Geological Sciences; beginning proficiency for BS Geological Sciences.

#### UT Austin School of Information recommended courses

**Foreign Language** – beginning proficiency for the BA or BS in Informatics.

#### UT Austin College of Liberal Arts recommended courses

Note: for *Environmental Science* admission see School of Geosciences.

##### Science & Technology –

- for *Environmental Science*: BIOL 1306+1307, CHEM 1311+1312+1111+1112, and PHYS 2325+2125.
- for *Health & Society*: BIOL 1306.
- for *Psychology (BS)*: two sequences in different disciplines, chosen from BIOL 1306+1307, CHEM 1311+1312+1111+1112, and PHYS 1301+1302+1101+1102 or 2325+2326+2125+2126.

#### UT Austin College of Liberal Arts (continued)

##### Mathematics –

- for *Economics or Environmental Science*: MATH 2413+2414.
- for *Psychology (BS) or Urban Studies*: MATH 2413 & 1342 (minimum grades of C+ required for admission to Urban Studies).

##### Social Science –

- for *Environmental Science*: ECON 2302.
- for *Sustainability Studies*: SOCI 1301 and either ECON 2301 or 2302.

**Foreign Language** – intermediate proficiency for any BA degree; beginning proficiency for Environmental Science and Psychology (BS).

#### UT Austin College of Natural Sciences recommended courses

Note: to be competitive for admission to **Natural Sciences** students should at minimum complete MATH 1342 or MATH/HNRS 2413 and two courses from BIOL 1306, BIOL 1307, CHEM 1311, CHEM 1312, COSC 1337, PHYS 2325, or PHYS 2326 and have grades of A or B in all math and science coursework. For **Environmental Science** admission see School of Geosciences.

**Mathematics** – MATH 2413 for all degrees/majors. Additionally...

- MATH 2414 for *Biochemistry (BSA), Biology, Chemistry (BSA), Computer Science (BA, BSA), Environmental Science, Mathematics, or Neuroscience*.
- MATH 2414+3404 for *Astronomy, Biochemistry (BS), Chemistry (BA, BS), Computer Science (BS), or Physics*.
- MATH 1342 for *Textiles & Apparel*.

##### Science & Technology –

- for *Astronomy*: PHYS 2325+2326+2125+2126.
- for *Biochemistry*: BIOL 1306+1307, CHEM 1311+1312+1111+1112, and PHYS 2325+2326+2125+2126.
- for *Biology*: BIOL 1306+1307+1106+1107, CHEM 1311+1312+1111+1112, and either PHYS 1301+1101 or 2325+2125. Add PHYS 1302+1102 or 2326+2126 for the BS degree.
- for *Chemistry*: CHEM 1311+1312+1111+1112 and PHYS 2325+2326+2125+2126.
- for *Computer Science*: COSC 1337; and a sequence chosen from BIOL 1306+1307, CHEM 1311+1312, or PHYS 2325+2326.
- for *Environmental Science*: BIOL 1306+1307, CHEM 1311+1312+1111+1112, and PHYS 2325+2125.
- for *Human Ecology or Human Development & Family Sciences*: BIOL 1306, CHEM 1311, and either BIOL 1307 or CHEM 1312.
- for *Mathematics*: a sequence chosen from BIOL 1306+1307+1106+1107, CHEM 1311+1312+1111+1112, or PHYS 2325+2326+2125+2126.
- for *Medical Laboratory Science or Public Health*: BIOL 1306+1307 and CHEM 1311+1312+1111+1112.
- for *Neuroscience*: BIOL 1306+1307+1106+1107, CHEM 1311+1312+1111+1112, and PHYS 2325+2326+2125+2126.
- for *Nutrition*: BIOL 1306 and CHEM 1311+1312+1111+1112.
- for *Physics*: PHYS 2325+2326+2125+2126. Add CHEM 1311+1312+1111+1112 for the BA & BS degrees; add BIOL 1306, CHEM 1311, or COSC 1337 for the BSA degree.
- for *Textiles & Apparel*: BIOL 1306 and CHEM 1311+1312+1111+1112.

##### Social Science –

- for *Environmental Science*: ECON 2302.
- for *Mathematics/Actuarial Science option*: ECON 2301+2302.
- for *Nutrition*: one course chosen from ECON 2301 or 2302, PSYC 1301, or SOCI 1301.
- for *Public Health*: one course chosen from ECON 2301 or 2302 or PSYC 1301.
- for *Textiles & Apparel/Merchandising option*: ECON 2302.

**Foreign Language** – intermediate proficiency for any BA degree; beginning proficiency for Environmental Science.

#### UT Austin School of Nursing recommended courses

Note: admission to Nursing requires completion of BIOL 1306, CHEM 1311, and MATH 1342.

**Mathematics** – MATH 1342.

**Science & Technology** – BIOL 1306, CHEM 1311, and ALHS 1315.

**Social Science** – PSYC 1301.

#### UT Austin College of Pharmacy recommended courses

**Mathematics** – MATH 2413 and MATH 1342.

**Science & Technology** – BIOL 1306+1307, CHEM 1311+1312+1111+1112, and either PHYS 1301+1101 or 2325+2125.

#### UT Austin School of Social Work recommended courses

**Science & Technology** – at least one chosen from BIOL 1301, 1302, or 1306.

**Social Science** – PSYC 1301, SOCI 1301, and either ECON 2301 or 2302.

**Foreign Language** – beginning proficiency.