



University of Texas at Austin Coordinated Admission Program

CAP Curriculum

University of Texas at Tyler – Fall 2009/Spring 2010

To be eligible for fall 2010 enrollment in the UT Austin School of Undergraduate Studies, Coordinated Admission Program students at UT Tyler must complete 30 transferable semester hours of coursework (including a mathematics course other than College Algebra) with at least a 3.2 grade point average by June 1, 2010.

Approved CAP courses are listed below (with UT Austin transfer credit evaluations). For CAP purposes you can take any listed course, subject to UT Tyler's placement, prerequisite, or other requirements. Consult an academic advisor before selecting courses, and review the Recommended Courses following the course list.

Approved CAP Course List

English Composition (core 010)

Two courses for all UT Austin degrees:

- ENGL 1301 (= RHE 306)
- ENGL 1302 (= RHE 309K)

Mathematics (core 020)

- MATH 1316 (= M 304E)
- MATH 1324 (= M 303D)
- MATH 1332 (= M 602A)
- MATH 1342 (= M 316)
- MATH 2412 (= M 405G)
- MATH 2413 (= M 408K)
- MATH 2414 (= M 408L)
- MATH 3404 (= M 408M)

While it does not satisfy UT Austin requirements, MATH 1314 counts in the required 30 CAP semester hours (but is excluded from the CAP GPA) because UT Tyler may require it as a prerequisite for other math courses. If required, students should take 1314 in the fall semester or they may not complete the CAP math requirement within the available two-semester timeframe.

Natural Science, part 1 (core 030)

Choose a sequence in one discipline:

- BIOL 1306 (= BIO 311C)
- BIOL 1307 (= BIO 311D)
- BIOL 1106 (= BIO 105L)
- BIOL 1107 (= BIO 106L)
- BIOL 2301+2101 (= BIO 416K)
- BIOL 2302+2102 (= BIO 416L)
- CHEM 1311 (= CH 301)
- CHEM 1312 (= CH 302)
- CHEM 1111+1112 (= CH 204)
- CHEM 1305 (= CH 313N)
- CHEM 1307 (= CH 314N)
- CHEM 1105 (= CH 113P)
- CHEM 1107 (= CH 114P)
- PHYS 1301 (= PHY 302K)
- PHYS 1302 (= PHY 302L)
- PHYS 1101 (= PHY 102M)
- PHYS 1102 (= PHY 102N)
- PHYS 2325 (= PHY 303K)
- PHYS 2326 (= PHY 303L)
- PHYS 2125 (= PHY 103M)
- PHYS 2126 (= PHY 103N)

Natural Science, part 2 (core 031)

Choose one course listed below or from the Natural Science part 1 list, in a discipline different from the one used to satisfy the part 1 requirement.

- COSC 1301 (= C S 302)

Humanities (core 040)

For students with credit by exam for ENGL 1301 or 1302, choose one for all UT Austin degrees:

- ENGL 2310 (= E 316K)
- ENGL 2322 (= E 316K)
- ENGL 2323 (= E 316K)
- ENGL 2350 (= E 316K)
- ENGL 2362 (= E 316K)
- ENGL 2363 (= E 316K)

Visual / Performing Arts (core 050)

- ART 1301 (= ARH 301)
- ART 2303 (= ARH 302)
- ART 2304 (= ARH 303)
- MUSI 1306 (= MUS 302L)
- MUSI 2301 (= MUS 302P)
- THTR 1301 (= T D 301)
- THTR 1351 (= T D 303)
- THTR 2336 (= T D 303C)

U.S. History (core 060)

Two courses for all UT Austin degrees:

- HIST 1301 (= HIS 315K)
- HIST 1302 (= HIS 315L)

U.S. / Texas Government (core 070)

Two courses for all UT Austin degrees:

- POLS 2305 (= GOV 3 US)
- POLS 2306 (= GOV 3 TX)

Social Science (core 080)

- ECON 2301 (= ECO 304L)
- ECON 2302 (= ECO 304K)
- GEOG 1313 (= GRG 305)
- PSYC 1301 (= PSY 301)
- SOCI 1301 (= SOC 302)
- SOCI 1306 (= SOC 308)

Foreign Language

- FREN 1401 (= FR 406)
- FREN 1402 (= FR 407)
- FREN 2301 (= FR 312K)
- FREN 2302 (= FR 312L)
- GERM 1401 (= GER 406)
- GERM 1402 (= GER 407)
- GERM 2301 (= GER 312K)
- GERM 2302 (= GER 312L)
- JAPN 1411 (= JPN 406)
- JAPN 1412 (= JPN 407)
- JAPN 2311 (= JPN 312K)
- JAPN 2312 (= JPN 312L)
- LATN 1301 (= LAT 306)
- LATN 1302 (= LAT 307)
- LATN 2301 (= LAT 311)
- LATN 2302 (= LAT 312M)
- SPAN 1413 (= SPN 406)
- SPAN 1414 (= SPN 407)
- SPAN 2311 (= SPN 312K)
- SPAN 2312 (= SPN 312L)

Recommended Courses

Major-specific recommendations below and on the next page differentiate the various Mathematics, Natural Science, Visual & Performing Arts, Social Sciences, or Foreign Language course requirements in UT Austin degrees.

While it is not a CAP requirement to follow a particular degree plan, 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 Business, Engineering, Geoscience, and Natural

Science programs, which require completion of specific courses for admission).

English Composition, Humanities, History, and Government requirements are identical in all UT Austin degrees, and applicable courses can be selected from the list above.

These recommendations conform to degree requirements in the UT Austin *Undergraduate Catalog 2008-2010*.

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** – MATH 2413 & 2414.
- Natural Science** – choose a sequence from PHYS 1301+1302+1101+1102 or PHYS 2325+2326+2125+2126.
- Social Science** – for Interior Design: PSYC 1301.

UT Austin College of Communication recommended courses

- Mathematics** – for Advertising or Public Relations: choose one course from the list excluding MATH 1342.
- Foreign Language** – a sequence in one language through the 4th course.

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.
- Natural Science** – for the Engineering Route to Business major: CHEM 1311 and PHYS 2325+2326+2125+2126.
- Social Science** – ECON 2301 & 2302.
- Foreign Language** – for International Business: a sequence in one language through the 4th course. Students should select a language associated with the world region in which they plan to specialize.

(continued→)

(UT Tyler recommended CAP courses, continued)

UT Austin College of Education recommended courses

Mathematics –

- for *Athletic Training or Kinesiology/Applied Movement Science* major: choose one from MATH 2412 or 2413.
- for *Kinesiology/Exercise Science* major: MATH 2413.
- for *Applied Learning & Development or Kinesiology (other majors)*: choose one from MATH 1324, 1332, 1342, 2412, or 2413.

Natural Science – for *Athletic Training or Kinesiology*: BIOL 1306 and CHEM 1311+1312. Additionally, PHYS 1301+1302 for the *Kinesiology/Exercise Science* major.

Visual & Performing Arts – for *students pursuing teacher certification*: choose one from ART 1301, MUSI 1306, or THTR 1301.

Social Science – PSYC 1301.

Foreign Language –

- for *Applied Learning & Development/EC-6 Bilingual* major: a sequence in Spanish through the 4th course.
- for *other degrees/majors*: a sequence in one language through the 2nd course. Spanish is recommended for prospective Texas teachers.

UT Austin Cockrell School of Engineering recommended courses

Note: admission to Engineering requires completion of MATH 2413. Applicants who complete CHEM 1311, MATH 2414, MATH 3404, PHYS 2325, and/or PHYS 2326 are more competitive.

Mathematics – MATH 2413, 2414, & 3404.

Natural Science – PHYS 2325+2326+2125+2126 for all majors; CHEM 1311 for all majors except *Electrical Engineering*.

Social Science – choose one from ECON 2301 or 2302, GEOG 1313, PSYC 1301, or SOCI 1301.

UT Austin College of Fine Arts recommended courses

Mathematics – for the *B.Music/Recording Technology* major: MATH 2413, 2414, & 3404.

Natural Science – for the *B.Music/Recording Technology* major: PHYS 2325+2326.

Visual & Performing Arts – two courses outside the student's major field of study, chosen from ART 1301, MUSI 1306, & THTR 1301.

Foreign Language –

- for the *B.Music/Voice Performance* major: FREN 1401 & GERM 1401.
- for *BA degrees*: a sequence in one language through the 4th course.
- for *other degrees/majors*: a sequence in one language through the 2nd course.

UT Austin Jackson School of Geosciences recommended courses

Note: admission to Geosciences requires completion of MATH 2413.

Mathematics –

- for the *BA degree*: MATH 2413.
- for the *BS degree/Teaching option*: MATH 2413 & 2414.
- for the *BS degree (other options)*: MATH 2413, 2414, & 3404.

Natural Science –

- for the *BA degree*: CHEM 1311+1312+1111+1112 and one chosen from PHYS 1301 or 2325.
- for the *BS degree*: CHEM 1311+1312+1111+1112 and PHYS 2325+2326+2125+2126.

Foreign Language –

- for the *BA degree*: a sequence in one language through the 4th course.
- for the *BS degree/General, Geophysics, or Hydrogeology options*: a sequence in one language through the 2nd course.

UT Austin College of Liberal Arts recommended courses

Mathematics –

- for *Economics*: MATH 2413, 2414, & 3404.
- for *Psychology (BS) or Urban Studies*: MATH 1342 & 2413.

Natural Science –

- 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 PHYS 2325+2326+2125+2126.

Foreign Language –

- for *Psychology (BS)*: a sequence in one language through the 2nd course.
- for *other degrees/majors*: a sequence in one language through the 4th course.

UT Austin College of Natural Sciences recommended courses

Note: admission to Natural Sciences requires completion of MATH 2413.

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

- MATH 2414 for *Biology (BS)*.
- MATH 2414 & 3404 for *Astronomy, Biochemistry, Chemistry, Computer Sciences, Interdisciplinary Science, Mathematics, and Physics*.
- MATH 1342 for *Human Development & Family Sciences, Human Ecology, Nutrition, and Textiles & Apparel*.

Natural Science –

- for *Astronomy*: PHYS 2325+2125.
- 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 PHYS 1301+1302+1101+1102 or PHYS 2325+2326+2125+2126.
- for *Chemistry*: CHEM 1311+1312+1111+1112 and PHYS 2325+2326+2125+2126.
- for *Clinical Laboratory Science*: BIOL 1306+1307, CHEM 1311+1312+1111+1112, and PHYS 1301+1302+1101+1102.
- for *Computer Sciences*: in the BA degree, choose one sequence from BIOL 1306+1307+1106+1107, CHEM 1311+1312+1111+1112, or PHYS 2325+2326+2125+2126. In the BS degree, choose two of these sequences.
- for *Human Development & Family Sciences or Human Ecology*: BIOL 1306, CHEM 1305 or 1311, and one chosen from BIOL 1307 or CHEM 1307 or 1312.
- for *Interdisciplinary Science/Middle Grades Teaching in Math & Science option*: BIOL 1306+1307+1106+1107 and CHEM 1311+1312+1111+1112.
- for *Interdisciplinary Science/Secondary School Teaching in Computer Science & Math option*: PHYS 2325+2326+2125+2126.
- for *Mathematics*: any sequence of no less than 8 semester hours listed in Natural Science part 1.
- for *Nutrition*: BIOL 1306, BIOL 2301+2302+2101+2102, and CHEM 1311+1312+1111+1112.
- for *Physics*: CHEM 1311+1312+1111+1112 and PHYS 2325+2125.
- for *Textiles & Apparel*: CHEM 1311+1312+1111+1112.

Visual & Performing Arts – for *Textiles & Apparel*: ART 1301 (for Retail Merchandising) or ART 2304 (for Conservation).

Social Science –

- for *Human Development & Family Sciences*: PSYC 1301.
- for *Mathematics/Actuarial Science option, Nutrition/International option, and Textiles & Apparel/Retail Merchandising option*: ECON 2301 & 2302.

Foreign Language –

- for *BA degrees*: a sequence in one language through the 4th course.
- for the *BS in Nutrition/International option*: a sequence in Spanish (or a language of the student's proposed study abroad area) through the 4th course.
- for the *BS in Mathematics*: a sequence in one language through the 3rd course.
- for *other BS degrees*: a sequence in one language through the 2nd course.

UT Austin School of Nursing recommended courses

Mathematics – MATH 1342 and another course chosen from 1324, 1332, or 2412.

Natural Science – BIOL 1306, BIOL 2301+2302+2101+2102, and CHEM 1305 or 1311.

Social Science – PSYC 1301.

UT Austin College of Pharmacy recommended courses

Mathematics – MATH 1342, 2413, & 2414.

Natural Science – BIOL 1306+1307, CHEM 1311+1312+1111+1112, and one chosen from PHYS 1301 or 2325.

UT Austin School of Social Work recommended courses

Mathematics – choose one from MATH 1324, 1332, 1342, or 2412.

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

Foreign Language – a sequence in one language through the 2nd course.