



# University of Texas at Austin Coordinated Admission Program

## CAP Curriculum

### University of Texas at Arlington – 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 Arlington 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 Arlington'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 1301 or 1313 (= M 302) \*
- MATH 1303 or 1324 (= M 304E) \*
- MATH 1308 (= M 316)
- MATH 1315 (= M 303D)
- MATH 1322 (= M 3 hrs)
- MATH 1323 or 1325 (= M 305G) \*
- MATH 1426 (= M 408K)
- MATH 2425 (= M 408L)
- MATH 2326 (= M 308M)

\* Only one course may count.

While it does not satisfy UT Austin requirements, MATH 1302 counts in the required 30 CAP semester hours (but is excluded from the CAP GPA) because UT Arlington may require it as a prerequisite for other math courses. If required, students should take 1302 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 1333 (= BIO 301L)
- BIOL 1334 (= BIO 301M)
- BIOL 1441 (= BIO 311C+105L)
- BIOL 1442 (= BIO 3 FRMN+106L) \*
- BIOL 2343 (= BIO 3 SOPH) \*
- BIOL 2457 (= BIO 416K)
- BIOL 2458 (= BIO 416L)
- CHEM 1441 (= CH 301+204A)
- CHEM 1442 (= CH 302+204B)

- CHEM 1445 (= CH 304K+1 LAB \*\*)
- CHEM 1446 (= CH 305+1 LAB \*\*)

- GEOL 1425 (= GEO 401)
- GEOL 1426 (= GEO 404C)

- PHYS 1401 (= PHY 309K+1 LAB \*\*)
- PHYS 1402 (= PHY 309L+1 LAB \*\*)

- PHYS 1441 (= PHY 302K+102M)
- PHYS 1442 (= PHY 302L+102N)

- PHYS 1443 (= PHY 303K+103M)
- PHYS 1444 (= PHY 303L+103N)

- PHYS 1445 (= AST 301+103L)
- PHYS 1446 (= AST 309+1 LAB \*\*)

\* BIOL 1442 & 2343 in combination substitute for UT Austin's BIO 311D to complete the 311C+311D sequence. To avoid using three courses to fulfill a two-course requirement, students who need major-track Biology can take BIOL 1441 at UT Arlington and BIO 311D later at UT Austin.

\*\* Lab courses count toward CAP semester hour and GPA requirements, but have no UT Austin equivalent and transfer generically.

#### 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.

- ANTH 2307 (= ANT 301)
- ANTH 2339 (= ANT 304)
- CHEM 1451 (= CH 313N+113P)
- CHEM 1465 (= CH 301+204A)
- CSE 1301 (= C S 302)
- GEOG 2401 (= GRG 401K)
- GEOG 2409 (= GRG 401C)

#### Humanities (core 040)

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

- ENGL 2309 (= E 316K)
- ENGL 2319 (= E 316K)
- ENGL 2329 (= E 316K)
- ENGL 2350 (= E 316K)
- ENGL 2371 (= E 316K)
- ENGL 2372 (= E 316K)

#### Visual / Performing Arts (core 050)

- ARCH 1301 (= ARC 308)
- ARCH 2303 (= ARC 318K)
- ARCH 2304 (= ARC 318L)
- ART 1301 (= ARH 301)
- ART 1309 (= ARH 302)
- ART 1310 (= ARH 303)
- MUSI 1300 (= MUS 302L)
- MUSI 1301 (= MUS 306)
- MUSI 1302 (= MUS 307)
- MUSI 2300 (= MUS 303M)
- PHIL 2313 (= PHL 317K)
- THEA 1302 (= T D 303C)
- THEA 1342 (= T D 301)

#### U.S. History (core 060)

Two courses for all UT Austin degrees:

- HIST 1311 (= HIS 315K)
- HIST 1312 (= HIS 315L)

#### U.S. / Texas Government (core 070)

Two courses for all UT Austin degrees:

- POLS 2311 (= GOV 3 US)
- POLS 2312 (= GOV 3 TX)

#### Social Science (core 080)

- ANTH 2322 (= ANT 302)
- ECON 2305 (= ECO 304L)
- ECON 2306 (= ECO 304K)
- LING 2301 (= LIN 306)

- PSYC 1315 (= PSY 301)
- SOCI 1311 (= SOC 302)
- SOCI 2312 (= SOC 308)

#### Foreign Language

- CHIN 1441 (= CHI 406)
- CHIN 1442 (= CHI 407)
- CHIN 2313 (= CHI 312K)
- CHIN 2314 (= CHI 312L)
- FREN 1441 (= FR 406)
- FREN 1442 (= FR 407)
- FREN 2313 (= FR 312K)
- FREN 2314 (= FR 312L)
- GERM 1441 (= GER 406)
- GERM 1442 (= GER 407)
- GERM 2313 (= GER 312K)
- GERM 2314 (= GER 312L)
- GREK 1441 (= GK 406)
- GREK 1442 (= GK 407)
- GREK 2313 (= GK 311)
- GREK 2314 (= GK 312K)
- LATN 1441 (= LAT 406)
- LATN 1442 (= LAT 407)
- LATN 2313 (= LAT 311)
- LATN 2314 (= LAT 312M)
- MODL 1441 (= ARA 406)
- MODL 1442 (= ARA 407)
- PORT 1441 (= POR 406)
- PORT 1442 (= POR 407)
- PORT 2313 (= POR 312K)
- PORT 2314 (= POR 312L)
- RUSS 1441 (= RUS 406)
- RUSS 1442 (= RUS 407)
- RUSS 2313 (= RUS 312K)
- RUSS 2314 (= RUS 312L)
- SPAN 1441 (= SPN 406)
- SPAN 1442 (= SPN 407)
- SPAN 2313 (= SPN 312K)
- SPAN 2314 (= 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 1426 & 2425.
- Natural Science** – choose a sequence from PHYS 1441+1442 or 1443+1444.
- Visual & Performing Arts** – ARCH 2303 & 2304.
- Social Science** – for Interior Design: PSYC 1315.

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

Note: admission to Business requires completion of ECON 2305 & 2306 and MATH 1426 & 2425.

- Mathematics** – MATH 1426 & 2425.
- Natural Science** – for the Engineering Route to Business major: CHEM 1441 and PHYS 1443+1444.
- Social Science** – ECON 2305 & 2306.
- 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.

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(UT Arlington recommended CAP courses, continued)

#### UT Austin College of Communication recommended courses

**Mathematics** – for Advertising or Public Relations: choose one course from the list excluding MATH 1308.

**Foreign Language** – a sequence in one language through the 4th course.

#### UT Austin College of Education recommended courses

**Mathematics** –

- for Athletic Training or Kinesiology/Applied Movement Science major: choose one from MATH 1323, 1325, or 1426.
- for Kinesiology/Exercise Science major: MATH 1426.
- for Applied Learning & Development or Kinesiology (other majors): choose one from MATH 1301, 1308, 1315, 1323, 1325, or 1426.

**Natural Science** – for Athletic Training or Kinesiology: BIOL 1333 or 1441 and CHEM 1441+1442. Additionally, PHYS 1441+1442 for the Kinesiology/Exercise Science major.

**Visual & Performing Arts** – for students pursuing teacher certification: choose one from ART 1301, MUSI 1300, or THEA 1342.

**Social Science** – PSYC 1315.

**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 1426. Applicants who complete CHEM 1441, MATH 2425, MATH 2326, PHYS 1443, and/or PHYS 1444 are more competitive.

**Mathematics** – MATH 1426, 2425, & 2326.

**Natural Science** – PHYS 1443+1444 for all majors; CHEM 1441 or 1465 for all majors except Electrical Engineering.

**Visual & Performing Arts** – for Architectural Engineering: choose one from ARCH 1301, 2303, or 2304.

**Social Science** – choose one from ANTH 2322, ECON 2305 or 2306, LING 2301, PSYC 1315, or SOCI 1311.

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

**Mathematics** – for the B.Music/Recording Technology major: MATH 1426, 2425, & 2326.

**Natural Science** – for the B.Music/Recording Technology major: PHYS 1443+1444.

**Visual & Performing Arts** – two courses outside the student's major field of study, chosen from ART 1301, MUSI 1300, & THEA 1342.

**Foreign Language** –

- for the B.Music/Voice Performance major: FREN 1441 & GERM 1441.
- 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 1426.

**Mathematics** –

- for the BA degree: MATH 1426.
- for the BS degree/Teaching option: MATH 1426 & 2425.
- for the BS degree (other options): MATH 1426, 2425, & 2326.

**Natural Science** –

- for the BA degree: CHEM 1441+1442, GEOL 1425+1426, and one chosen from PHYS 1441 or 1443.
- for the BS degree: CHEM 1441+1442, GEOL 1425, and PHYS 1443+1444. Additionally, GEOL 1426 for the General, Environmental, or Teaching options.

**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 1426, 2425, & 2326.
- for Psychology (BS) or Urban Studies: MATH 1308 & 1426.

**Natural Science** – for Psychology (BS): two sequences in different disciplines, chosen from BIOL 1441+1442+2343, CHEM 1441+1442, and PHYS 1441+1442 or PHYS 1443+1444.

**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 1426.

**Mathematics** – MATH 1426 for all degrees/majors. Additionally...

- MATH 2425 for Biology (BS).
- MATH 2425 & 2326 for Astronomy, Biochemistry, Chemistry, Computer Sciences, Interdisciplinary Science, Mathematics, and Physics.
- MATH 1308 for Human Development & Family Sciences, Human Ecology, Nutrition, and Textiles & Apparel.

**Natural Science** –

- for Astronomy: PHYS 1443.
  - for Biochemistry: BIOL 1441+1442+2343, CHEM 1441+1442, and PHYS 1443+1444.
  - for Biology: BIOL 1441+1442+2343, CHEM 1441+1442, and PHYS 1441+1442 or PHYS 1443+1444.
  - for Chemistry: CHEM 1441+1442 and PHYS 1443+1444.
  - for Clinical Laboratory Science: BIOL 1441+1442+2343, CHEM 1441+1442, and PHYS 1441+1442.
  - for Computer Sciences: in the BA degree, choose one sequence from BIOL 1441+1442+2343, CHEM 1441+1442, GEOL 1425+1426, or PHYS 1443+1444. In the BS degree, choose two of these sequences.
  - for Human Development & Family Sciences or Human Ecology: BIOL 1441 and CHEM 1441+1442.
  - for Interdisciplinary Science/Middle Grades Teaching in Math & Science option: BIOL 1441+1442+2343 and CHEM 1441+1442.
  - for Interdisciplinary Science/Secondary School Teaching in Computer Science & Math option: PHYS 1443+1444.
  - for Mathematics: any sequence of no less than 8 semester hours listed in Natural Science part 1.
  - for Nutrition: BIOL 1441, BIOL 2457+2458, and CHEM 1441+1442.
  - for Physics: CHEM 1441+1442 and PHYS 1443.
  - for Textiles & Apparel: CHEM 1441+1442.
- Visual & Performing Arts** – for Textiles & Apparel: ART 1301 (for Retail Merchandising) or ART 1310 (for Conservation).
- Social Science** –
- for Human Development & Family Sciences: PSYC 1315.
  - for Mathematics/Actuarial Science option, Nutrition/International option, and Textiles & Apparel/Retail Merchandising option: ECON 2305 & 2306.
- 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 1308 and another course chosen from 1301, 1315, 1323, or 1325.

**Natural Science** – BIOL 1441, BIOL 2457+2458, and CHEM 1441.

**Social Science** – PSYC 1315.

#### UT Austin College of Pharmacy recommended courses

**Mathematics** – MATH 1426, 2425, & 2326.

**Natural Science** – BIOL 1441+1442+2343, CHEM 1441+1442, and one chosen from PHYS 1441 or 1443.

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

**Mathematics** – choose one from MATH 1301, 1308, 1315, 1323, or 1325.

**Social Science** – PSYC 1315, SOCI 1311, and either ECON 2305 or 2306.

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