



This is not an official degree audit and it is subject to change. This chart is intended to be used by students who start out at Texas State. Please contact the College of Science Undergraduate Advising Center for advising.

Note: In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.

KEY:

- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Arrows with dash lines are recommended prerequisite.
- Courses taught specific semesters are indicated with the following codes:
- F-Fall
- Su-Summer Session I or II
- S-Spring

Required WI courses: CS 2315, 3398
 Additional WI courses: ENG 3313 or ENG 3303

Core courses must be completed:

- 6 credits Core 010
- 3 credits Core 020
- 6 credits Core 030
- 3 credits Core 040
- 3 credits Core 050
- 6 credits Core 060
- 6 credits Core 070
- 3 credits Core 080
- 3 credits Core 091
- 3 credits Core 092
- TXST options: ENG 1310, ENG 1320, ENG 1321, ENG 3303
- CS required course: MATH 2471
- CS required course: See catalog for options
- TXST options: PHIL 1305 or 1320
- TXST options: See catalog for options: <http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/>
- TXST options: [HIST 1310/2327/2381] and [HIST 1320/2328/2382]
- TXST options: POSI 2310 & POSI 2320
- TXST options: ANTH 1312, ECO 2301, ECO 2314, GEO 1310, PSY 1300, SOCI 1310, CA 2351, PFW 1301
- CS required course: COMM 1310
- CS required course: MATH 2472

US 1100 may be required for some students. Consult with an advisor regarding course choices.

Computer Science majors must complete a total of 12 hours (3 courses with their corresponding labs). Six hours will also satisfy the natural science requirement of the general education core. In addition to satisfying the university graduation requirements students must earn grade of C or higher in all English and mathematics courses used to satisfy the requirements of the computer science major.

8 Hours of the Same Natural Science From:

TCCN

BIOL 1306+1106 (or 1406)
BIOL 1307+1107 (or 1407)

CHEM 1311+1111
CHEM 1312+1112

GEOL 1403
GEOL 1404

PHYS 1301+1101 (or 1401)
PHYS 1302+1102 (or 1402)

PHYS 2325+2125 (or 2425)*
PHYS 2326+2126 (or 2426)

TEXAS STATE

BIO 1330+1130
BIO 1331+1131

CHEM 1341+1141
CHEM 1342+1142

GEOL 1410
GEOL 1420

PHYS 1315+1115
PHYS 1325+1125

PHYS 2325+2125*
PHYS 2326+2126

**PHYS 2425 (TXST PHYS 2325+2125 or 2425) may not be combined with PHYS 1301+1101 or PHYS 1401 to satisfy core or degree requirements. A maximum of 8 hours of physics will apply to the natural science requirement for the CS major.*

4 Hours of an Additional Natural Science From:

TCCN

BIOL 1306+1106 (or 1406)
BIOL 1307+1107 (or 1407)

CHEM 1311+1111
CHEM 1312+1112

GEOL 1403
GEOL 1404

PHYS 1301+1101 (or 1401)
PHYS 1302+1102 (or 1402)

PHYS 2325+2125 (or 2425)*
PHYS 2326+2126 (or 2426)

TEXAS STATE

BIO 1330+1130
BIO 1331+1131

CHEM 1341+1141
CHEM 1342+1142

GEOL 1410
GEOL 1420

PHYS 1315+1115
PHYS 1325+1125

PHYS 2325+2125*
PHYS 2326+2126

**PHYS 2425 (TXST PHYS 2325+2125 or 2425) may not be combined with PHYS 1301+1101 or PHYS 1401 to satisfy core or degree requirements. A maximum of 8 hours of physics will apply to the natural science requirement for the CS major.*

BIO 1330 Prerequisite Requirements:

- College Readiness in English Language Arts and Reading (ELAR) according to the TSI regulations.
- Students must also take and pass BIO 1130

BIO 1331 Prerequisite Requirements:

- College Readiness in English Language Arts and Reading (ELAR) according to the TSI regulations
- College Readiness in Mathematics according to the TSI regulations.
- Students must also take and pass BIO 1131

CHEM 1341 Prerequisite Requirements:

Must complete 1 of the following mathematics prerequisites:

- MATH 1315 or MATH 1317 or MATH 1319 or MATH 1329 or MATH 2321 or MATH 2417 or MATH 2471 - any with a grade of "C" or better
- ACT Mathematics score of 24 or better
- New ACT Mathematics score of 25 or better
- SAT Mathematics score of 550 or better
- Accuplacer College Mathematics score of 86 or better
- Compass College Algebra score of 46 or better
- Next-Generation Advanced Algebra and Functions Test of 263 or better

AND

Must complete 1 of the following to demonstrate Chemistry Readiness:

- Completion of Chemistry Readiness Exam with a score of 80 or better
- CHEM 1320 grade of "C" or better

AND

- Corequisite of CHEM 1141 with a grade of "D" or better.

CHEM 1342 Prerequisite Requirements:

- CHEM 1341 with a grade of "C" or better
- AND**
- Corequisite of CHEM 1142 with a grade of "D" or better.

PHYS 1315 Prerequisite Requirements:

- MATH 1315 or MATH 1317 or MATH 1319 or MATH 1329 or MATH 2321 or MATH 2417 or MATH 2471 - any with a grade of "C" or better
- ACT Mathematics score of 24 or better
- New ACT Mathematics score of 25 or better
- SAT Mathematics score of 550 or better
- Next-Generation Advanced Algebra and Functions Test of 263 or better

AND

- Corequisite of PHYS 1115 with a grade of "D" or better.

PHYS 1325 Prerequisite Requirements:

- PHYS 1315 or 1335 with a grade of "C" or better
- AND**
- Corequisite of PHYS 1125.

PHYS 2325 Prerequisite Requirements:

- Corequisite of MATH 2471 with a grade of "C" or better and PHYS 2125 with a grade of "D" or better

AND

- Corequisite of PHYS 2125 with a grade of "D" or better

PHYS 2326 Prerequisite Requirements:

- PHYS 2325 with a grade of "C" or better
- MATH 2472 with a grade of "C" or better

AND

- Corequisite of PHYS 2126 with a grade of "D" or better.

GEOL 1410 Prerequisite Requirements:

- NONE

GEOL 1420 Prerequisite Requirements:

- GEOL 1410 with a grade of "C" or better.