### Requirements for Graduation

#### Core and Minor Requirements

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

**Courses taught specific semesters are indicated with the following codes:**
- **F** - Fall
- **S** - Summer Session I
- **S2** - Summer Session II

**Required WI courses:** ENG 3303

**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
- **S** - Summer Session I
- **S2** - Summer Session II

**Core courses must be completed:**
- **_US 1100**
- **_COMM 1310**
- **_PFW**
- **_ART/DAN/MU/TH 2313**
- **_PFW**
- **_PHIL 1305 or 1320**
- **_ENG 1310**
- **_ENG 1320**
- **_HIST 1310**
- **_HIST 1320**
- **_POSI 2310**
- **_POSI 2320**
- **_ENG 2310-2360**
- **_ANTH 1312/ECO 2301/ECO 2314/GEO 1310/PFW 1300/SOCI 1310**

**ENG 1310 recommend for first semester. HIST 1310/1320 not recommended for first semester.**

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### Chart Details

**Freshman Fall Semester:**
- 16 hours of core courses
- 3-4 hours of natural science (see advisor for options)

**Freshman Spring Semester:**
- 9 hours of core courses
- 4 hours of natural science (see advisor for options)

**Sophomore Fall Semester:**
- 1 hour of core courses

**Sophomore Spring Semester:**
- 3 hours of core courses
- MATH 2358 (F,S)
- MATH 3373 (F,S)

**Junior Fall Semester:**
- 3 hours of core courses
- MATH 3305 (F,S)

**Junior Spring Semester:**
- 3 hours of core courses
- MATH 3330 (F,S)

**Senior Fall Semester:**
- 1 hour of core courses
- MATH 3377 (F,S)
- MATH 3380

**Senior Spring Semester:**
- 18 or more hours of minor courses

16 or more hours of electives (depends on minor and science courses, see advisor)

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**Courses:**
- MATH 2471 (F,S)
- MATH 2472 (F,S)
- MATH 2473 (F,S)
- MATH 3305 (F,S)
- MATH 3330 (F,S)
- CS 1428 (F,S,S)
- CS 2308 (F,S,S)
- MATH 3358 (F,S)
- MATH 3373 (F,S)
- MATH 3323 (F,S)
- MATH 3305 (F,S)
- MATH 3330 (F,S)
- MATH 3377 (F,S)
- ENG 3303
- MATH 3363 (see dpt)
- MATH 3363 (see dpt)
- MATH 3363 (see dpt)
- MATH 3363 (see dpt)
- MATH 3363 (see dpt)
- MATH 3363 (see dpt)
- MATH 3363 (see dpt)
- MATH 3363 (see dpt)
- MATH 3363 (see dpt)

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**Notes:**
- This is not an official degree audit and it is subject to change.
- Please contact the College of Science Undergraduate Advising Center for advising.

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**2011 Catalog:**

**Advising Center for advising**

**College of Science and Engineering Undergraduate Advising Center:**

**Texas State University:**
- San Marcos
- 2011 Catalog
- Applied Mathematics
- Last revised: 8/1/2011

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