DEGREE REQUIREMENT CHECKLIST

This checklist below provides a summary of the requirements for the degree and major indicated above. For complete information, you should consult the Undergraduate Catalog 2000-2002. If you have any questions, please speak with an academic advisor at RLM 4.101.

AREA REQUIREMENTS: ALL AREA REQUIREMENTS MUST BE TAKEN ON A LETTER-GRADE BASIS.

AREA A: LANGUAGE ARTS
- English:
  - RHE 306
  - E 316K
- Substantial Writing Component:
  - One upper-division course
  - One additional course
  *These two courses may satisfy other degree requirements. They can be any number of semester hours. Consult the Course Schedule for a complete listing of writing component courses for a particular semester.*
- Foreign Language:
  - Fourth semester proficiency in a single foreign language at the college level
  - 506
  - 507 (or equivalent)
  - 312K (or equivalent)
  - 312L (or equivalent)

AREA B: SOCIAL SCIENCES
- Government:
  - GOV 310L (or GOV 3 TX in transfer)
  - GOV 312L (or GOV 3 US in transfer)
- U.S. History: 6 semester hours of American History
  - 3 hours of Texas History may be used toward one of the U.S. History requirements
- 3 semester hours each from two of the following areas: (6 semester hours total)
  - Anthropology
  - Economics
  - Geography
  - Linguistics
  - Psychology
  - Sociology

AREA C: NATURAL SCIENCES
- 3 semester hours of math course work* (excluding M301, M316K, and M316L)
  - ________

AREA D: GENERAL CULTURE
- 3 semester hours each from one of the following areas:
  - Architecture
  - Classics Department
  - College of Fine Arts
  - Philosophy (not logic)
- 3 additional semester hours chosen from the following areas:
  - Architecture
  - Classics Department
  - College of Fine Arts
  - Philosophy
  - Alternative Area D Course (A list of these courses is available in RLM 4.101)

MAJOR REQUIREMENTS: ALL MAJOR REQUIREMENTS MUST BE TAKEN ON A LETTER-GRADE BASIS. A GRADE OF C IS REQUIRED IN EACH COURSE COUNTING TOWARDS THE MAJOR.

LOWER-DIVISION PHYSICS
- PHY 301 Mechanics
- PHY 101L Lab
- PHY 316 Electricity & Magnetism
- PHY 116L Lab
| PHY 315 | Wave Motion & Optics | PHY 115L | Lab |

*NOTE: Physics courses have additional math prerequisites.*

**UPPER-DIVISION ASTRONOMY AND PHYSICS**

- 9 semester hours of upper-division courses in astronomy, including at least 2 of the following:
  
  (NOTE: some upper-division astronomy courses may be offered once every two years.)

  - AST 352K General Stellar Astronomy
  - AST 352L Positional, Dynamical, and Kinematical Astronomy
  - AST 353 Astrophysics
  - AST 358 Galaxies and the Universe
  - AST 364 Solar System Astronomy
  - ________

- 6 semester hours of upper division astronomy and/or physics coursework:

  - ________
  - ________

  (No more than 6 of the hours counted toward the major requirement may be conference courses.)

**MINOR REQUIREMENTS:** A grade of at least C is required in all courses counting toward the minor.

- 6 semester hours of coursework (other than lower-division astronomy, lower division physics, lower-division mathematics, and M427K), approved by the Undergraduate Advisor:

  - ________
  - ________

- 6 additional hours of upper-division physics, or

- 6 semester hours of upper-division coursework, approved by the Undergraduate Advisor:

  - ________
  - ________

**ELECTIVES**

- Electives are necessary to complete the **120 semester hour requirement** for the B.A. in Astronomy.

- Once 30 semester hours of college credit is earned, up to 16 hours of electives may be taken pass/fail.

- Only two courses per semester may be taken pass/fail.

**GENERAL DEGREE REQUIREMENTS:** You must satisfy all of the following conditions in order to graduate.

- Minimum cumulative UT GPA of 2.0

- 18 semester hours of the major must be completed in residence

- 12 semester hours of the major must be upper-division

- 6 upper-division semester hours of the major must be in residence

- 36 upper-division semester hours

- 18 upper-division semester hours must be completed in residence

- 24 of the last 30 semester hours counted toward the degree must be in residence

- No more than 36 semester hours from one subject in the College of Natural Sciences or Liberal Arts may be counted

- No more than 36 semester hours from one college outside Liberal Arts or Natural Sciences may be counted

The following courses will not count toward this degree: M301, KIN 119 or PED one-hour activity courses. No more than 12 semester hours of Bible coursework may be counted toward the degree. See catalog for restrictions about using ROTC coursework.