

# DEPARTMENT OF ASTRONOMY & ASTROPHYSICS

## Astrobiology Minor Checklist

Student Name \_\_\_\_\_ Current Major \_\_\_\_\_

Major Advisor \_\_\_\_\_ Minor Advisor \_\_\_\_\_

### Requirements for the Astrobiology Minor:

\_\_\_\_\_ BIOL/GEOSC 474 (3) ASTROBIOLOGY Prereqs: BIOL 110; CHEM 110

#### 3 Credits from:

\_\_\_\_\_ EARTH 002 (3) GAIA-THE EARTH SYSTEM

\_\_\_\_\_ GEOSC 021 (3) EARTH AND LIFE: ORIGIN AND EVOLUTION

#### 3 Credits from:

\_\_\_\_\_ ASTRO 140 (3) LIFE IN THE UNIVERSE Prereq: ASTRO 001 or ASTRO 010

\_\_\_\_\_ ASTRO 291 (3) ASTRONOMICAL METHODS AND THE SOLAR SYSTEM Prereq: PHYS 211

#### 3 Credits from:

\_\_\_\_\_ GEOSC 204\* (4) GEOBIOLOGY Prereqs: BIOL 110; GEOSC 001 or 020

\_\_\_\_\_ BIOL 427 (3) EVOLUTION Prereqs: BIOL 220W; BIOL 230W

#### 6 Credits from:

\_\_\_\_\_ ASTRO 420W\* (3) PLANETS & PLANETARY SYSTEM FORMATION Prereq: ASTRO 292

\_\_\_\_\_ ASTRO 475W\* (3) STARS AND GALAXIES Prereq: ASTRO 292

\_\_\_\_\_ BIOL 405 (3) MOLECULAR EVOLUTION Prereq: BIOL 222 or BIOL 230W

\_\_\_\_\_ BMB 401 (2) GENERAL BIOCHEMISTRY Prereqs: CHEM 212; BMB 251 or BIOL 230

\_\_\_\_\_ BMB 402 (3) GENERAL BIOCHEMISTRY Prereq: B M B 401

\_\_\_\_\_ GEOSC 419 (3) THE ORGANIC GEOCHEMISTRY OF NATURAL WATERS AND SEDIMENTS  
Prereqs: CHEM 110; CHEM 112

\_\_\_\_\_ GEOSC 416 (3) STABLE AND RADIOACTIVE ISOTOPES IN GEOSCIENCES: INTRODUCTION  
Prereqs: CHEM 110, 111, 112, 113; GEOSC 001/020

\_\_\_\_\_ METEO 466\* (3) PLANETARY ATMOSPHERES Prereqs: MATH 141; PHYS 211

\_\_\_\_\_ MICRB 201\* (3) INTRODUCTORY MICROBIOLOGY

#### Recommendations:

- Make sure you take ASTRO 475W as one of your ASTRO 4xx courses
- Take BIOL 110 and GEOSC 001 or GEOSC 020 early on to satisfy prerequisites
- Take the minor courses

\*Courses recommended for ASTRO majors