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: BMB 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