1: Core Requirements
All students must take:
- Statistics (see options in core course descriptions)
- Biology Seminar (BIOL 5860)

2: Distribution Requirements
All PhD students must take 4 classes from at least 3 of the groups (A – E):
All MS students must take 1 class from 3 of the 5 groups (A – E):

A: Ecology & Evolution
- Evolution (BIOL 5260)
- Ecosystem Science (GEOG 5960)
- Community Ecology (BIOL 5051)
- Stream Ecology (BIOL 5440)
- Physiological Ecology (BIOL 5300)

B: Physical & Chemical Science
- Global Environmental Change (GEOG 5700)
- Aquatic Toxicology (BIOL 5380)
- Techniques in Env. Analysis (BIOL 6390)
- Bioinstrumentation & Analysis (BIOL 6200)

C: Environmental Health
- General Toxicology (BIOL 5370)
- Computational Epidemiology (CSCE 5820 or BIOL 5820)
- Medical Geography (GEOG 5140)
- Health GIS (GEOG 5960)

D: Social Science
- Environmental Ethics (PHIL 5000)
- Env Impact Assessment (BIOL 5100)
- Philosophy of Ecology (PHIL 5010)
- Subantarctic BioCultural Cnsv (BIOL 5053)

E: Organismal Biology
- Insect Biology (BIOL 5070)
- Comparative Animal Physiology (BIOL 5505)
- Plant Physiology (BIOL 5503)
- Ornithology (BIOL 5800)
- Mammalogy (BIOL 5057)

3: Electives (selected with advising committee)
- A series of electives approved by her/his committee
- MS: 6 hours of thesis research
- PhD: 12 hours of dissertation research

4: PhD Concentration (optional)
PhD students may choose to concentrate in one of five areas:
- Ecology & Conservation Biology
- Toxicology
- Geoscience
- Human Ecology
- Science Education Research

See https://environmentalscience.unt.edu/graduate-program/curriculum-courses for more information.