1: Core Requirements

All students must take:

Statistics (see options in core course descriptions) Biology Seminar (BIOL 5860)

Hour Requirements

PhD students w/o Master's Degree = 72 hours PhD students w/ Master's Degree = 42 hours Master's Degree = 36 hours



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

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 (BIOL5053)

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)

All students must take:

A series of electives approved by her/his committee and

MS: 6 hours of thesis research

PhD: 12 hours of dissertation research



4: PhD Concentration (optional)

PhD students may choose to concentrate in on of five areas: **Ecology & Conservation Biology**

Toxicology

Geoscience

Human Ecology

Science Education Research

2021-01