Integrated Toxicology and Environmental Health Program (ITEHP) Program & Certificate Requirements

1. The student must complete all of the required courses in his/her first three years. Required courses are:
   - Pharm 533 – Essentials of Pharmacology, Toxicology, and Drug Discovery
   - Students must take either Pharm 554 (Mammalian Toxicology) OR ENV 501 (Environmental Toxicology).
   - Pharm 847-S (fall) and 848-S (spring) or ENV 847-S (fall) and ENV 848-S (spring) – Seminar in Toxicology (cross listed)
   - Pharm 815 or ENV 815 – Focused Topics in Toxicology (cross listed)
   - Pharm 733 – Statistics for Basic Biomedical Scientists

In addition to completing the Program’s required course work and meeting the
Departmental requirements, the following requirements must be met:

2. The candidate’s thesis advisor must be a member of the Program.
3. At least two members of the candidate’s thesis committee (including their advisor) must be members of the Program.
4. A candidate admitted to the Ph.D. program directly by the ITEHP must complete three lab rotations in his/her first year of study. The rotations must include laboratories in at least two different departments, and two different schools.
   **A candidate certifying in Toxicology who was admitted through another Ph.D. program will follow the rotation rules of the admitting Program.
5. The candidate must present a seminar on their dissertation work to the Program (contact Ed Levin – edlevin@duke.edu - to schedule your seminar). This is usually done in your last year.

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