

Tuskegee University
College of Veterinary Medicine

Doctoral Degree (PhD) in Interdisciplinary Pathobiology (IDPB)

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Degree Offered: Doctoral Degree (PhD) in Interdisciplinary Pathobiology (IDPB)

The Interdisciplinary Pathobiology graduate program at the College of Veterinary Medicine produces successful academicians and investigators in the areas of cancer cell biology, cancer, reproductive biology, renal development and biology, risk analysis/epidemiology, food safety, nanobiotechnology, infectious diseases, toxicology, and control of food intake.

Admission Requirements:

- Applicants must have completed the M.S. degree or professional degrees (DVM, MD, DDS, MPH, etc.) from an accredited college or university
- Cumulative GPA of 3.0 or better
- Completed Online Application and Application Fee
- Competitive GRE scores
- Personal Statement
- Three (3) Recommendation Letters
- Resume or Curriculum Vitae
- Official Transcripts from all colleges/universities (International Students must have transcripts validated through World Education Services – WES or ETS)
- TOEFL (International students only; waived if the language of instruction is English)
- Affidavit of Support and Bank Statement (International students only)
- Virtual interviews may be conducted before admission decisions are made.

Graduation Requirements:

- Core Courses: 16 credit hours
- Elective Courses: 14 credit hours
- Total Course Work: 30 credit hours**
- Total Research/Dissertation: 30 credit hours**
- Admission to Candidacy**
- Passing** of the Final Oral Examination
- Submission of a **Final Copy of the Dissertation** approved by the major advisor and endorsed by the student Graduate Advisory Committee
- Publication of **at least one first-author peer-reviewed** manuscript

Presentation of **at least one Abstract or Poster** at a regional or national conference
Student Advisory Committee determines if a student Dissertation work is **qualitatively and quantitatively satisfactory** enough for the student to schedule final public defense and oral examination

Advisory Committee:

During the second semester of his/her study in the IDPB, PhD program, the student and his/her Major Professor must form an Advisory Committee consisting of a minimum of four members including the Major Professor. The Advisory Committee shall also serve as the Examination Committee.

Admission to Candidacy:

Admission to Candidacy for students who are enrolled in the PhD in Interdisciplinary Pathobiology, include the following:

1. Completion of the minimum course credit hours required for the PhD program (a minimum of 30 credits).
2. Successful public oral defense of the PhD research proposal. The Advisory Committee will meet after the proposal defense presentation to determine if the student may be admitted to the Candidacy or need to defend the proposal again. Students who fail the qualifying examination after two attempts may apply for a master's degree in any of the established programs at Tuskegee University. In such cases, the student will have to meet the admission and other requirements of the master's degree Graduate Program.
3. The PhD research proposal will be written and submitted to the Advisory Committee in the form of a standard Research Grant proposal. This writing exercise will serve students as one way to learn how to write a grant proposal, and critically design experiments. Optionally, the written y, the written y, the v

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