

**Tuskegee University  
College of Veterinary Medicine**

**Doctoral Degree (PhD) in Interdisciplinary Pathobiology (IDPB)**

Contact Information:            Temesgen Samuel, DVM, PhD  
Associate Dean for Research and Advanced Studies & Professor  
[tsamuel@tuskegee.edu](mailto:tsamuel@tuskegee.edu); Office Phone: (334) 724-4547

   Tammie B. Hughley, Manager/Coordinator  
[thughley@tuskegee.edu](mailto:thughley@tuskegee.edu); Office Phone: (334) 724-4540

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, 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
- Official Transcripts from all colleges/universities (International Students must have transcripts through World Education Services – WES)
- GRE scores at least 540 (old) or 156 (new), less than five (5) years old
- Personal Statement
- Three (3) Recommendation Letters
- Resume or Curriculum
- ETS/WES Evaluation of Transcripts (International students only)
- TOEFL (International students only)
- Affidavit of Support and Bank Statement (International students only)

**Graduation Requirements:**

- Core Courses: 10-12 credit hours
- Elective Courses: 17-20 credit hours
- Total Course Work: 30 credit hours**
- Total Research/Thesis: 30 credit hours**
- Admission to Candidacy
- Passing of the Final Oral Examination

**Admission to Candidacy:**

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

1. Completion of all course work required for the PhD program (more than 30 credits for the students starting with a MS degree, or 60 credits for those starting with a BS degree).
2. Passing a written qualifying examination.
3. Successful oral presentation of research proposed to the Advisory Committee. 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 oral examination requirements of the master's degree Graduate Program.

**Seminars:**

A student pursuing the PhD in Interdisciplinary Pathobiology must present at least two seminars. Seminar courses introduce practical examples of proper conduct of research, issues with copyright violation, plagiarism, interpretation of published work among other academic requirements including discussions on basic research methods, and a review of current research topics. Oral presentations are required.

**Thesis:**

The final draft of the thesis/dissertation must be filed with the student’s Advisory Committee at least 30 days before the date listed in the university calendar for final copies to be submitted during the semester in which the student expects to graduate. The student must present to the Dean of Graduate Programs a “Preliminary Approval Sheet” (PAS) bearing the signature of the Major Professor before the final oral examination may be scheduled and before copies of the thesis/dissertation are distributed to members of the Examining Committee.

After the “Preliminary Approval Sheet” has been signed, it should be submitted to the Dean of Graduate Programs before the final examination is scheduled and before the final draft of the thesis/dissertation is prepared for final approval. Approval of the thesis/dissertation in its final form rests with the Examining Committee.

**Curriculum for the IDPB, PhD Program**

**Required Courses**

Course
--------

