

DOCTOR OF PHILOSOPHY IN ANATOMY & CELL BIOLOGY (PH.D.)

Purpose

The Doctor of Philosophy in Anatomy and Cell Biology program is to prepare men and women to serve as teaching faculty in universities and medical and professional schools. The degree program is designed to provide a solid foundation for those students who plan on teaching the next generation of anatomy and biology students. Students will take graduate courses in biochemistry, ethics, genetics, statistics, and human anatomy and physiology, all taught from an intentionally Christian worldview. By understanding how anatomy and cell biology intertwine, students will be equipped to make important decisions and discoveries in medical and other healthcare-related fields.

Program Learning Outcomes

The student will be able to:

- Deliver professional lectures that integrate a Biblical worldview based on the knowledge of the literature of the discipline.
- Critically evaluate the literature of the Anatomy and Cell Biology discipline.
- Present original research findings to a scientific audience that adds to the knowledge base of the Anatomy and Cell Biology discipline.

Program Specific Admission Procedures

In addition to the General Admission Procedures outlined in this Catalog, applicants to the Doctor of Philosophy in Anatomy and Cell Biology program must have:

1. B.S. or M.S. in biomedical sciences related field from an accredited university. (Degrees in biology, biochemistry, cell biology, molecular biology, biopsychology, etc.)
2. Official college transcript documenting the minimum GPA requirement. Minimum GPA for the program is 3.00.
3. Students must submit one of the following tests with a minimum score (This requirement is waived if student has an M.S. in a biomedical sciences related field.)
 - a. MCAT: above or equal to the 60th percentile or Conferred MS GPA of 3.0 or higher
 - b. GRE: above a 300 combined verbal and quantitative or Conferred MS GPA of 3.0 or higher
4. Three faculty/professional recommendations documenting the ability of the student to pursue doctoral level work submitted electronically.
5. Personal statement describing career goals, prior experience and motivation for pursuing a Ph.D., Christian commitment and origins views. (100-1500 words)
6. Successful candidates are expected to have prior research experience but it is not required.

Transfer Credit

Students may transfer up to 39 hours of graduate course work from an accredited institution. In order to be eligible for transfer, course work must have a minimum grade of B-, and must have been completed in the past 7 years. Non-transferable course are as followed:

Code	Title	Hours
BIOM 700	Anatomy & Cell Biology Seminar	1
BIOM 710	Anatomy & Cell Biology Teaching Practicum	1
BIOM 750	Research Rotation	1
BIOM 889	Dissertation Research	1-9
BIOM 890	Dissertation Defense	1

Credits from a prior degree on the same academic level earned through Liberty University are considered transfer credits.

Administrative Dismissal

Students who earn more than two grades of C+/C/C- or more than one grade of D+ or lower will be subject to administrative dismissal from the program.

Program of Study Delivery Format: Residential Only

- Anatomy & Cell Biology (Ph.D.)

Career Opportunities

- Anatomy professor
- Biomedical research scientist
- Cadaver dissection instructor for college, graduate, or medical school
- Cellular biologist
- Molecular biologist