

Ph.D.

VISION SCIENCE

GRADUATE PROGRAM AT UAB

YOUR WORLD IS POWERED BY VISION

Eyesight is central to our everyday activities. It is also a fascinating and important topic for research, especially if directed at the visual disorders and retinal diseases that afflict millions. If you're seeking an in-depth understanding of the eye, how it works, and how it connects to everything else we do, a Ph.D. in Vision Science could be the degree for you. UAB can prepare you to work in industry, research, academia, and more.

Obtaining my doctorate at UAB will allow me to be a great vision scientist, poised to help patients suffering from debilitating ocular diseases.





DEGREE SNAPSHOT

Core Curriculum

- Ocular Anatomy and Biology
- Biology and Pathology of Ocular Disease
- Optics for Vision Science
- Visual Neuroscience
- Vision Science Literature Review
- Statistics
- Scientific Integrity

Electives University-wide courses available

Dissertation Research

- Three 10-week lab rotations
- Mentor selection
- Develop research project
- Publish at least one first-author peer-reviewed research publication
- Write and defend dissertation

Average time to completion = 5 years

UAB.EDU/VSGP



SCHOOL OF OPTOMETRY

The University of Alabama at Birmingham