



PUBLIC & ONE HEALTH

Undergraduate Degree Program



AUBURN UNIVERSITY
College of Veterinary Medicine

Public & One Health

Undergraduate Degree Program



The Public and One Health undergraduate degree program in the Auburn University College of Veterinary Medicine is a unique public health curriculum that utilizes One Health as its guiding principle. This holistic approach prepares graduates to proactively devise and implement solutions to pressing local and global health issues, preparing undergraduate students for entry into public health positions, as well as graduate or professional programs.

By highlighting the One Health concept throughout the curriculum, students will obtain a comprehensive public health education that emphasizes the interconnectedness and mutual interdependency of humans, animals and the environment, recognizing that human health can only be improved if the health of animals and the ecosystem are concurrently addressed.

Diverse faculty from multiple scientific fields across the Auburn University campus will provide expert instruction to foster deeper insight into organismal and environmental health, and how various systems coexist and change together. The Public and One Health undergraduate degree program will educate future health professionals to take a transdisciplinary approach that establishes a conceptual framework of the complex web of factors affecting health.



PAOH graduates

will understand basic concepts in:

- Public & population health
- Public health policy & ethics
- Epidemiology & biostatistics
- Social & behavioral determinants of health
- Global health & comparative health systems
- Science of health & disease
- Microbiology & infectious disease
- Climate change impacts on health
- Environmental health
- Human impacts on ecosystems & wildlife
- Emergencies & disasters

Solving Global Health Problems Through One Health



Human Health



Animal Health



Environmental Health



There is strong demand for professionals with bachelor's-level public health training and this employment demand is projected to increase both regionally and nationally. According to the U.S. Bureau of Labor Statistics, the projected change in job placement opportunities for public health professionals over the next decade is expected to grow faster than the national average for other professional fields.

PAOH graduates are prepared for entry-level careers in:

- Community health
- Health education
- Emergency/disaster preparedness
- Disease prevention & intervention
- Medical & health services
- Clinical laboratory science
- Environmental health
- Social & human services
- Occupational health & safety
- Agriculture & food science

PAOH also prepares students for professional or graduate training in:

- Master of Public Health (MPH)
- Doctor of Public Health (DrPH)
- Doctor of Osteopathy (DO)
- Medical Doctor (MD)
- Doctor of Veterinary Medicine (DVM)
- Dentist (DMD or DDS)
- Pharmacy (PharmD)



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Auburn University is an equal opportunity employer/educational institution.