

MICROBIOME SCIENCES

Learning Outcomes

1. Dual-title graduates will have an understanding of microbiome diversity, dynamics, and measurement methods which will qualify them for positions in academia, government agencies, or industry.
2. Dual-title graduates will have laboratory and computer skills for characterizing the composition and function of microbiomes and be able to relate microbiome characteristics to relevant information from associated hosts and ecosystems (metadata).
3. Dual-title graduates will generate meaningful hypotheses and interpret data in ways that lead to solution of novel problems in microbiome sciences.
4. Dual-title graduates will recognize the means for pursuing diverse career opportunities and articulate professional and ethical issues in the field of microbiome sciences.