

Program: Microbiology (PHD-MBIO)

OHSU Graduation Core Competency: Communication

Communicate effectively and equitably with diverse individuals, organizations, and communities to support stakeholder decision-making and promote culturally responsive exchanges of information.

Student Learning Outcome

Demonstrate doctoral-level competence in written and verbal communication

OHSU Graduation Core Competency: Information Literacy

Recognize the power of information in educating, influencing, and understanding the world, while seeking and amplifying missing perspectives. With this lens, locate, critically evaluate, and effectively use information to participate in decision-making, quality improvement, and broader scholarly discourse.

Student Learning Outcome

Interpret and critique scientific literature. Identify significant and original questions that impact human health. Formulate hypotheses.

OHSU Graduation Core Competency: Professional Identity and Ethical Behavior

Demonstrate discipline-specific behaviors, norms, and ethics while also recognizing and challenging racist professional expectations which can cause undue burden and/or deny the full humanity of ourselves, our peers, and our patients.

Student Learning Outcome

Apply fundamental knowledge of ethics in research.

OHSU Graduation Core Competency: Professional Knowledge and Skills

Demonstrate core knowledge, skills, and practices as defined by the discipline, professional licensing, or accreditation organization while being open to new perspectives, additional voices, and changes in schools of thought that impact the core knowledge, skills, and practices in the discipline.

Student Learning Outcome

Demonstrate advanced knowledge in one specialized area. A PhD student would generate data that represents at least 2 publications in significant, peer reviewed journals.

Student Learning Outcome

Demonstrate advanced knowledge in one specialized area.

Student Learning Outcome

Advance knowledge in selected area of concentration.

Student Learning Outcome

Identify gaps in scientific knowledge and formulate hypothesis based on current concepts in the field.

Student Learning Outcome

Design, conduct, and interpret their own research.

OHSU Graduation Core Competency: Teamwork

Work effectively within collaborative, team- or teaming-based interprofessional environments while acknowledging positionality and intentionally making space for diverse perspectives.

Student Learning Outcome

Develop ancillary skills, where necessary, to obtain positions outside scientific research.

OHSU Graduation Core Competency: Community Engagement, Social Justice and Equity

Develop perspective on infectious disease research relevant to underrepresented and disadvantaged individuals through MMI seminar series.

Student Learning Outcome

Develop knowledge about research related to racial inequities.

Program: Microbiology (MS-MBIO)

The Northwest Commission on Colleges and Universities (NWCCU) requires that OHSU post Student Learning Outcomes for all OHSU programs. However, the Master of Science (M.S.) degree is an exit-only degree and OHSU does not admit students into the M.S. Students are only admitted into Ph.D. programs. Exceptions to award a M.S. degree are made in very rare circumstances.

OHSU Graduation Core Competency: Communication

Communicate effectively and equitably with diverse individuals, organizations, and communities to support stakeholder decision-making and promote culturally responsive exchanges of information.

Student Learning Outcome

Effectively communicate in written and verbal form to both peers and experts.

OHSU Graduation Core Competency: Information Literacy

Recognize the power of information in educating, influencing, and understanding the world, while seeking and amplifying missing perspectives. With this lens, locate, critically evaluate, and effectively use information to participate in decision-making, quality improvement, and broader scholarly discourse.

Student Learning Outcome

Interpret and critique scientific literature.

OHSU Graduation Core Competency: Professional Identity and Ethical Behavior

Demonstrate discipline-specific behaviors, norms, and ethics while also recognizing and challenging racist professional expectations which can cause undue burden and/or deny the full humanity of ourselves, our peers, and our patients.

Student Learning Outcome

Apply fundamental knowledge of ethics in research.

OHSU Graduation Core Competency: Professional Knowledge and Skills

Demonstrate core knowledge, skills, and practices as defined by the discipline, professional licensing, or accreditation organization while being open to new perspectives, additional voices, and changes in schools of thought that impact the core knowledge, skills, and practices in the discipline.

Student Learning Outcome

Demonstrate a basic knowledge of central concepts in the relevant scientific field.

Student Learning Outcome

Advance knowledge in selected area of concentration. A Masters student would be expected to generate data that would represent ~1 publication.

Student Learning Outcome

Formulate hypothesis based on current concepts in the relevant scientific field.

Student Learning Outcome

Design, conduct, and interpret their own research.

Student Learning Outcome

Collect and store data in accordance with good lab practices..

OHSU Graduation Core Competency: Teamwork

Work effectively within collaborative, team- or teaming-based interprofessional environments while acknowledging positionality and intentionally making space for diverse perspectives.

Student Learning Outcome

Develop ancillary skills, where necessary, to obtain positions outside scientific research.

OHSU Graduation Core Competency: Community Engagement, Social Justice and Equity

Develop perspective on infectious disease research relevant to underrepresented and disadvantaged individuals through MMI seminar series.

Student Learning Outcome

Develop knowledge about research related to racial inequities.