Program: Neuroscience (PhD-NEUS)

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.

- SLO #1: Exhibit competence in the central concepts of neuroscience.
- SLO #2: Demonstrate advanced knowledge in one specialized area of neuroscience.
- SLO #3: Formulate an original hypothesis based on current knowledge gaps in the field.
- SLO #4: Direct the design, conduct, interpretation, and communication of original research with minimal oversight.
- SLO #5: Exhibit professional ancillary skills (e.g., mentoring trainees, communicating to broad audiences, gaining tech transfer knowledge through internships, etc.).

OHSU Graduation Core Competency: Professional Identity and Ethical Behavior

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

- SLO #6: Apply advanced knowledge of ethics in research.
- SLO #7: Model collegial behavior and self-awareness in professional and laboratory settings.

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.

- SLO #8: Present at journal club and demonstrate critical reading and advanced interpretation strategies of scholarly literature.
- SLO #9: Advance scholarship in the learner's selected area of concentration.

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.

- SLO #10: Demonstrate doctoral-level competence in written and verbal communication by passing dissertation oral defense and incorporation of committee recommended edits.
- SLO #11: Communicate effectively in academic and professional contexts.

OHSU Graduation Core Competency: Teamwork

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

- SLO #12: Exemplify interprofessional collaboration in meetings, class, and laboratory settings.

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

Apply principles of social justice, equity, and/or anti-racism through community-engaged practice, service, or scholarship.

- SLO #13: Actively engage in diversity, equity, and inclusion work through workshops, feedback sessions, or other diversity/outreach programs.

Program: Neuroscience (MS-NEUS)
Please note that there are no terminal Master's admissions.

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.

- SLO #1: Demonstrate a basic knowledge of central concepts in neuroscience
- SLO #2: Exhibit a foundational understanding in one specialized area of neuroscience in a professional context.
- SLO #3: Critically evaluate and synthesize current literature to formulate a testable hypothesis.
- SLO #4: Design, conduct, and interpret research with oversight from supervisor.
- SLO #5: Research reflects understanding and interpretation of relevant literature.
- SLO #6: Emergence of professional ancillary skills (e.g., mentoring trainees, communicating to broad audiences, gaining tech transfer knowledge through internships, etc.)

OHSU Graduation Core Competency: Professional Identity and Ethical Behavior

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

- SLO #7: Apply fundamental knowledge of ethics in research.

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.

- SLO #8: Employ critical reading and interpretation strategies to scientific literature.

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.

- SLO #9: Achieve master's-level competence in written and verbal communication by passing master's thesis oral defense and incorporation of committee recommended edits.

OHSU Graduation Core Competency: Teamwork

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

- SLO #10: Demonstrate interprofessional collaboration skills in meeting, class, and laboratory settings

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

Apply principles of social justice, equity, and/or anti-racism through community-engaged practice, service, or scholarship.

- SLO #11: Reflect proficiency in diversity, equity, and inclusion work