

Program: Neuroscience (PhD-NEUS)

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(s):

- Demonstrate doctoral-level competence in written and verbal communication.
 - Doctoral dissertation submission and defense.

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.

Student Learning Outcome(s):

- Actively engage in diversity, equity, and inclusion work
 - Participate in AVDS, OnTrack, NW Noggin, Brain in a Box, Women in Science, REI Center workshops or feedback sessions, or other diversity/outreach programs
 - Assist in recruiting students from diverse backgrounds
 - Navigating complexities in graduate school and beyond course

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(s):

- Interpret and critique scientific literature.
 - Journal Club
 - Vollum Seminar Course
- Advance knowledge in selected area of concentration
 - Dissertation

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.

Student Learning Outcome(s):

- Apply fundamental knowledge of ethics in research.
 - Ethics & Professionalism Course

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(s):

- Demonstrate a basic knowledge of central concepts in the relevant scientific field
 - Comprehensive exams that include testing core knowledge, occur after a major portion of the required coursework is completed, generally after the first fall term of study is complete.
 - Completion of core coursework: NEUS 624, 625, 626, and 627
- Demonstrate advanced knowledge in one specialized area
 - Yearly talk requirement at a seminar or conference.
- Formulate hypothesis based on current concepts in the field.
 - Qualifying exam
- Design, conduct and interpret their own research.
 - Students will be able to analyze, plan, organize, and conduct original research with minimal direction from a supervisor. Research areas will be determined by the research mentor with whom the student chooses to work. Assessment of the student's ongoing research will be conducted by the Thesis/Dissertation Advisory Committee.
 - It is required that students add to the field of knowledge in neuroscience in some capacity.
- Develop ancillary skills, where necessary, to obtain positions outside scientific research
 - Graduates obtain job placements in a variety of fields including those outside of scientific research.

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.

Student Learning Outcome(s):

- Develop collaboration skills
 - Every committee will have a student representative to work on programmatic concerns and for the student to practice/advise on decision-making.
 - The lab environment is naturally an environment where collaboration is needed in order to further research and thrive as a student.

Program: Neuroscience (MS-NEUS)

****Please note that there are no terminal Master's admissions.**

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(s):

- Demonstrate master's-level competence in written and verbal communication.
 - Master's thesis submission and defense.

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.

Student Learning Outcome(s):

- Actively engage in diversity, equity, and inclusion work
 - Participate in AVDS, OnTrack, NW Noggin, Brain in a Box, Women in Science, REI Center workshops or feedback sessions, or other diversity/outreach programs
 - Assist in recruiting students from diverse backgrounds
 - Navigating complexities in graduate school and beyond course

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(s):

- Interpret and critique scientific literature.
 - Journal Club
 - Vollum Seminar Course

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.

Student Learning Outcome(s):

- Apply fundamental knowledge of ethics in research.
 - Ethics & Professionalism Course

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(s):

- Demonstrate a basic knowledge of central concepts in the relevant scientific field
 - Comprehensive exams that include testing core knowledge, occur after a major portion of the required coursework is completed, generally after the first fall term of study is complete.
 - Completion of core coursework: NEUS 624, 625, 626, and 627
- Demonstrate advanced knowledge in one area
 - Yearly talk requirement at a seminar or conference.
- Design, conduct and interpret research.
 - Students will be able to analyze, plan, organize, and conduct research with minimal direction from a supervisor. Research areas will be determined by the research mentor with whom the student chooses to work. Assessment of the student's ongoing research will be conducted by the Thesis/Dissertation Advisory Committee.
 - Master's level research should include understanding of background and interpretation of data. It is not required to include original data and outcomes that add to the scientific field.
- Develop ancillary skills, where necessary, to obtain positions outside scientific research
 - Graduates obtain job placements in a variety of fields including those outside of scientific research.

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.

Student Learning Outcome(s):

- Develop collaboration skills
 - Every committee will have a student representative to work on programmatic concerns and for the student to practice/advise on decision-making.
 - The lab environment is naturally an environment where collaboration is needed in order to further research and thrive as a student.