

Electrical Engineering, MS	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	11	Demonstrate a basic knowledge of central concepts in the relevant scientific field.
	Primary OHSU Core Competency	11.2	Professional Knowledge And Skills
	Secondary OHSU Core Competency	11.2.1	Safety And Quality Improvement
	Other OHSU Core Competencies	11.2.2	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	12	Demonstrate advanced knowledge in one specialized area.
	Primary OHSU Core Competency	12.2	Professional Knowledge And Skills
	Secondary OHSU Core Competency	12.2.1	
	Other OHSU Core Competencies	12.2.2	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	13	Advance knowledge in selected area of concentration.
	Primary OHSU Core Competency	13.2	Professional Knowledge And Skills
	Secondary OHSU Core Competency	13.2.1	Lifelong Learning
	Other OHSU Core Competencies	13.2.2	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	14	Formulate hypothesis based on current concepts in the field.
	Primary OHSU Core Competency	14.2	Reasoning And Judgment
	Secondary OHSU Core Competency	14.2.1	Safety And Quality Improvement
	Other OHSU Core Competencies	14.2.2	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	15	Design, conduct, and interpret their own research.
	Primary OHSU Core Competency	15.2	Reasoning And Judgment
	Secondary OHSU Core Competency	15.2.1	Safety And Quality Improvement
	Other OHSU Core Competencies	15.2.2	
Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	16	Demonstrate doctoral-level competence in written and verbal communication.	
Primary OHSU Core Competency	16.2	Communication	
Secondary OHSU Core Competency	16.2.1		
Other OHSU Core Competencies	16.2.2		
Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	17	Interpret and critique scientific literature.	
Primary OHSU Core Competency	17.2	Evidence-Based Practice And Research	
Secondary OHSU Core Competency	17.2.1	Lifelong Learning	
Other OHSU Core Competencies	17.2.2		
Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	18	Apply fundamental knowledge of ethics in research.	
Primary OHSU Core Competency	18.2	Reasoning And Judgment	
Secondary OHSU Core Competency	18.2.1	Interprofessional Teamwork	
Other OHSU Core Competencies	18.2.2		
Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	19	Develop ancillary skills, where necessary, to obtain positions outside scientific research.	
Primary OHSU Core Competency	19.2	Communication	
Secondary OHSU Core Competency	19.2.1	Professionalism And Ethics	
Other OHSU Core Competencies	19.2.2		
Electrical Engineering, PhD	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	11	Demonstrate a basic knowledge of central concepts in the relevant scientific field.
	Primary OHSU Core Competency	11.2	Professional Knowledge And Skills
	Secondary OHSU Core Competency	11.2.1	Safety And Quality Improvement
	Other OHSU Core Competencies	11.2.2	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	12	Demonstrate advanced knowledge in one specialized area.
	Primary OHSU Core Competency	12.2	Professional Knowledge And Skills
	Secondary OHSU Core Competency	12.2.1	
	Other OHSU Core Competencies	12.2.2	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	13	Advance knowledge in selected area of concentration.
	Primary OHSU Core Competency	13.2	Professional Knowledge And Skills
	Secondary OHSU Core Competency	13.2.1	Lifelong Learning
	Other OHSU Core Competencies	13.2.2	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	14	Formulate hypothesis based on current concepts in the field.
	Primary OHSU Core Competency	14.2	Reasoning And Judgment
	Secondary OHSU Core Competency	14.2.1	Safety And Quality Improvement
	Other OHSU Core Competencies	14.2.2	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	15	Design, conduct, and interpret their own research.
	Primary OHSU Core Competency	15.2	Reasoning And Judgment
	Secondary OHSU Core Competency	15.2.1	Safety And Quality Improvement
	Other OHSU Core Competencies	15.2.2	
Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	16	Demonstrate doctoral-level competence in written and verbal communication.	
Primary OHSU Core Competency	16.2	Communication	
Secondary OHSU Core Competency	16.2.1		
Other OHSU Core Competencies	16.2.2		
Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	17	Interpret and critique scientific literature.	
Primary OHSU Core Competency	17.2	Evidence-Based Practice And Research	
Secondary OHSU Core Competency	17.2.1	Lifelong Learning	
Other OHSU Core Competencies	17.2.2		
Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	18	Apply fundamental knowledge of ethics in research.	
Primary OHSU Core Competency	18.2	Reasoning And Judgment	
Secondary OHSU Core Competency	18.2.1	Professionalism And Ethics	
Other OHSU Core Competencies	18.2.2		
Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	19	Develop ancillary skills, where necessary, to obtain positions outside scientific research.	
Primary OHSU Core Competency	19.2	Communication	
Secondary OHSU Core Competency	19.2.1	Interprofessional Teamwork	
Other OHSU Core Competencies	19.2.2		