

Human Investigations Program, Certificate	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	11	Generate a hypothesis and specific aims for a clinical or translational research study.
	Primary OHSU Core Competency	11.2	Professional Knowledge And Skills
	Secondary OHSU Core Competency	11.2.1	Reasoning And Judgment
	Other OHSU Core Competencies	11.2.2	Evidence-Based Practice And Research
	Other OHSU Core Competencies	11.2.3	
	Other OHSU Core Competencies	11.2.4	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	12	Identify, interpret, and critique the state of knowledge regarding a research question.
	Primary OHSU Core Competency	12.2	Evidence-Based Practice And Research
	Secondary OHSU Core Competency	12.2.1	Professional Knowledge And Skills
	Other OHSU Core Competencies	12.2.2	Reasoning And Judgment
	Other OHSU Core Competencies	12.2.3	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	13	Propose an appropriate study design and protocol for a clinical and translational research study.
	Primary OHSU Core Competency	13.2	Professional Knowledge And Skills
	Secondary OHSU Core Competency	13.2.1	Reasoning And Judgment
	Other OHSU Core Competencies	13.2.2	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	14	Identify appropriate study methods (study design) for a research question as to feasibility, efficiency, and bias-f
	Primary OHSU Core Competency	14.2	Professional Knowledge And Skills
	Secondary OHSU Core Competency	14.2.1	Reasoning And Judgment
	Other OHSU Core Competencies	14.2.2	Evidence-Based Practice And Research
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	15	Evaluate the reliability and validity of measures, threats to study validity (bias).
	Primary OHSU Core Competency	15.2	Professional Knowledge And Skills
	Secondary OHSU Core Competency	15.2.1	Reasoning And Judgment
	Other OHSU Core Competencies	15.2.2	Evidence-Based Practice And Research
	Other OHSU Core Competencies	15.2.3	
	Other OHSU Core Competencies	15.2.4	
	Other OHSU Core Competencies	15.2.5	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	16	Describe the basic principles and practical importance of random variation, systematic error, sampling error, me
	Primary OHSU Core Competency	16.2	Professional Knowledge And Skills
	Secondary OHSU Core Competency	16.2.1	Reasoning And Judgment
	Other OHSU Core Competencies	16.2.2	Evidence-Based Practice And Research
	Other OHSU Core Competencies	16.2.3	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	17	Describe trends and best practices in informatics for the organization of biomedical and health information and
	Primary OHSU Core Competency	17.2	Professional Knowledge And Skills
	Secondary OHSU Core Competency	17.2.1	Reasoning And Judgment
	Other OHSU Core Competencies	17.2.2	Evidence-Based Practice And Research
	Other OHSU Core Competencies	17.2.3	
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	18	Identify the fundamental principles of the protection of human subjects and essential elements of voluntary inf
	Primary OHSU Core Competency	18.2	Safety And Quality Improvement
	Secondary OHSU Core Competency	18.2.1	Professionalism And Ethics
	Other OHSU Core Competencies	18.2.2	Professional Knowledge And Skills
	Other OHSU Core Competencies	18.2.3	Reasoning And Judgment
	Other OHSU Core Competencies	18.2.4	Patient/Client-Centered Care
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	19	Communicate clinical and translational research findings to different groups of individuals, including colleagues, s
	Primary OHSU Core Competency	19.2	Communication
	Secondary OHSU Core Competency	19.2.1	Professional Knowledge And Skills
	Other OHSU Core Competencies	19.2.2	Reasoning And Judgment
	Other OHSU Core Competencies	19.2.3	Professionalism And Ethics
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	20	Recognize the relevance of demographic, geographic, and ethnographic features within communities and popula
	Primary OHSU Core Competency	20.2	*Patient/Client-Centered Care
	Secondary OHSU Core Competency	20.2.1	Professional Knowledge And Skills
	Other OHSU Core Competencies	20.2.2	Reasoning And Judgment
	Other OHSU Core Competencies	20.2.3	Lifelong Learning
	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	21	Recognize the principles of building and managing an interdisciplinary/ intradisciplinary/ multidisciplinary team t
	Primary OHSU Core Competency	21.2	Interprofessional Teamwork
Secondary OHSU Core Competency	21.2.1	Communication	
Other OHSU Core Competencies	21.2.2	Professional Knowledge And Skills	
Other OHSU Core Competencies	21.2.3	Reasoning And Judgment	
Other OHSU Core Competencies	21.2.4	Professionalism And Ethics	
Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	22	Manage a research project across its fiscal, personnel, regulatory compliance and problem solving requirements	
Primary OHSU Core Competency	22.2	Professional Knowledge And Skills	
Secondary OHSU Core Competency	22.2.1	Reasoning And Judgment	
Other OHSU Core Competencies	22.2.2	Professionalism And Ethics	
Other OHSU Core Competencies	22.2.3	Teamwork	
Other OHSU Core Competencies	22.2.4	Safety And Quality Improvement	
Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	23	Incorporate adult learning principles and mentoring strategies into interactions with beginning scientists and sch	
Primary OHSU Core Competency	23.2	Lifelong Learning	
Secondary OHSU Core Competency	23.2.1	Interprofessional Teamwork	
Other OHSU Core Competencies	23.2.2	Professionalism And Ethics	
Other OHSU Core Competencies	23.2.3	Reasoning And Judgment	
Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	24	Appraise the role of community engagement as a strategy for identifying community health issues, translating h	
Primary OHSU Core Competency	24.2	*Patient/Client-Centered Care	
Secondary OHSU Core Competency	24.2.1	Interprofessional Teamwork	
Other OHSU Core Competencies	24.2.2	Professionalism And Ethics	
Other OHSU Core Competencies	24.2.3	Professional Knowledge And Skills	
Other OHSU Core Competencies	24.2.4	Reasoning And Judgment	
Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	25		
Primary OHSU Core Competency	25.2		
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Human Investigations Program, MCR	Student Learning Outcome (At a minimum, complete no less than 5 program SLOs)	11	Generate a hypothesis and specific aims for a clinical or translational research study.
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