

Student Learning Outcomes Examples for each Undergraduate Research and Inquiry Level



Student Learning Outcome	Exposure (Knowledge & Comprehension)	Skill Building (Application & Analysis)	Intensive (Synthesis & Evaluation)
Knowledge	<ul style="list-style-type: none"> Summarize previous literature / prior work 	<ul style="list-style-type: none"> Demonstrate information (meta-) literacy Appraise appropriateness of theoretical framework(s) 	<ul style="list-style-type: none"> Assess social value Create new knowledge
Formulate Questions	<ul style="list-style-type: none"> Identify questions Give example(s) of research questions 	<ul style="list-style-type: none"> Discover new questions Breakdown question(s) into manageable units 	<ul style="list-style-type: none"> Compose logical argument Predict outcomes
Plan of Action	<ul style="list-style-type: none"> Define steps of inquiry 	<ul style="list-style-type: none"> Employ appropriate methodologies 	<ul style="list-style-type: none"> Synthesize and evaluate plan(s) of inquiry
Critical Thinking	<ul style="list-style-type: none"> Recognize gaps Describe differences, etc. 	<ul style="list-style-type: none"> Interpret information, results Examine limits Analyze feedback 	<ul style="list-style-type: none"> Justify conclusions Prepare critical review Evaluate feedback
Ethical Conduct	<ul style="list-style-type: none"> Explain academic integrity 	<ul style="list-style-type: none"> Point out ethical issues Outline potential ethical concerns 	<ul style="list-style-type: none"> Design ethical research Maintain ethical integrity
Communication	<ul style="list-style-type: none"> Communicate clearly Reproduce proper format 	<ul style="list-style-type: none"> Apply appropriate mode(s) / venue(s) for communication 	<ul style="list-style-type: none"> Prepare / direct communication appropriately based on given audience(s)