

NOTE: Expectations outlined in this rubric are geared to undergraduate research and not doctoral level research.

Outcome	Developing-1	Competent-2	Exemplary-3
1. Students will be able to formulate a research question or problem	- The question demonstrates that the student fails to understand the discipline. - Resolution of the question replicates previous work. - The question is not feasible regarding investigation within time period allotted.	- The question demonstrates that the student does not have a complete command of the discipline. - Resolution of the question partially contributes to existing research (i.e., new but not necessarily interesting). - The question may be feasible with modifications.	- The question demonstrates that the student understands the discipline. - Resolution of the question contributes to existing research. - The question is feasible regarding investigation within time period allotted.
2. Students will be able to identify basic principles and knowledge related to their research question or problem	- The information gathered is not relevant, credible, and reliable. - The information is not accurately described. - The information is not applied appropriately.	- Some of the information gathered is not relevant, credible, and reliable. - Some of the information is not accurately described. - Some of the information is not applied appropriately.	- The information gathered is relevant, credible, and reliable. - The information is accurately described. - The information is applied appropriately.

3. Students will be able to develop a research plan to address or resolve a specific question or problem.	• The research plan is not clearly related to the research question or problem. • The research plan is not feasible within the time allotted. • The research plan fails to articulate the research objectives. • The research plan does not fully reflect best research practices within the context of the discipline. • The research plan does not clearly identify the appropriate data analysis techniques.	• The research plan is partially related to the research question or problem (some parts of the plan do not address portions of the question). • The research plan is feasible within the time allotted with modifications. • Some of the objectives are not clearly articulated. • The research plan reflects some aspects of best research practices within the context of the discipline, but may also include inappropriate strategies. • The research plan only identifies basic data analysis techniques that need further refinement.	• The research plan is clearly related to the research question or problem. • The research plan is feasible within the time allotted. • The research plan clearly articulates the research objectives. • The research plan reflects best research practices within the context of the discipline (i.e., research methodology is sound). • The research plan clearly identifies the appropriate data analysis techniques.
4. Students will be able to collect and interpret data and information in an attempt to resolve the question or problem.	• Data collected are not relevant to the research question. • Data collected do not reflect a sound data collection process. • Data collected are interpreted simplistically. • Data collected are not appropriately linked to the research question or problem. • The research results do not address the research question in a meaningful way	• Data collected are loosely relevant to the research question. • Data collected reflect an elementary/unsophisticated data collection process. • Data collected are interpreted in an elementary/ unsophisticated manner. • Data collected are partially linked to the research question or problem. • The research results address the research question in a simplistic way.	• Data collected are relevant to the research question. • Data collected reflect a sound data collection process. • Data collected are interpreted accurately. • Data collected are appropriately linked to the research question or problem. • The research results address the research question in a meaningful way.

5. Students will demonstrate awareness of the responsible conduct of research.	• The research question cannot be investigated in an ethical manner. • The student fails to demonstrate adherence to the responsible conduct of research through appropriate application of relevant discipline-specific procedures, protocols, and ethical guidelines (i.e., appropriate citations, human subjects).	• It is questionable if the research question can be investigated in an ethical manner. • The student loosely demonstrates adherence to the responsible conduct of research through appropriate application of relevant discipline-specific procedures, protocols, and ethical guidelines.	• The research question can be investigated in an ethical manner (i.e., would pass IRB). • The student demonstrates adherence to the responsible conduct of research through appropriate application of relevant discipline-specific procedures, protocols, and ethical guidelines (i.e., appropriate citations, human subjects).
6. Students will be able to articulate their research findings through written, performance, and/or oral presentations.	• Facts and examples were seriously lacking in detail, inaccurate, or inappropriate. • There is no clear connection from analyses, discussion, and conclusions to research results. • Students are unable to articulate relevant research limitations and identify future research direction.	• Facts and examples were mostly detailed, accurate, and appropriate, but there were lapses. • The connection between analyses, discussions, and conclusions is evident or implied, but it is not explicitly linked to the research results. • Students are able to generally articulate research limitations and identify future research direction.	• Facts and examples are detailed, accurate, and appropriate. • Analyses, discussions, and conclusions are appropriately linked to research results. • Students are able to articulate specific research limitations and identify future research direction.