

CHEM 4689 Rubrics

Students will conduct a literature review on a mutually agreed topic. A written report and an oral presentation are required to document their learning experiences.

Rubric for Research Plan

	None 0	Poor 1	Developing 2	Intermediate 3	Advanced 4
Can state what s/he hopes to learn (Research question)	No-submission	Has difficulties articulating the information needs	Stated research or information need in broad terms	Stated a clear research need with some details Identifies some concepts & terms	Shows a clear and very detailed understanding of the information & research needs. Identifies key concepts and terms that describe the information need.
Can identify potential research tools and resources, weigh their pros-and-cons	No-submission	Identifies one or two sources. Sources are very similar to each other in terms of format or coverage. Does not describe their value or differences.	Can identify at least 3 potential search tools or resources. Can describe their value or differences vaguely	Can identify at least 3 potential search tools or resources. Can describe their value or differences clearly	Can identify at least 5 potential search tools or resources. Resources are various in type and format (e.g., multimedia databases, website, data set, patent, specialist encyclopedia, research articles, etc.) Can clearly and accurately describe their value and differences
Can articulate a plan for how s/he will research the topic with clear steps	No submission	Plan is garbled and unclear. Shows no consideration that reading or thinking about the information found will influence a research plan.	Plan is clearly stated, but lacks details (steps). Shows no consideration that reading or thinking about the information found will influence a research plan.	Plan is clearly stated and detailed with clearly stated steps. Shows some consideration that reading or thinking about the information found will influence a research plan.	Plan is clearly stated, and detailed. Plan shows an awareness of the way that researching literature is iterative. Demonstrated a clear understanding that reading or thinking about the information found will influence a research plan.

Based on

<http://library.ust.hk/services/teaching-support/outcome-based-library-instruction/collaboration-faculty/>

<http://www.uky.edu/~kdbrad2/EDP656/Rubrics/ProspectusRubric.doc>

<http://www.ala.org/acrl/standards/infolitscitech>

With reference to

<https://www2.le.ac.uk/offices/ld/resources/writing/writing-resources/planning-dissertation>