

**Performance Criteria according to ELOs, Master of Nursing Science Program (International Program) 2020
Faculty of Nursing, Mahidol University**

Performance criteria	4 Exemplary	3 Accomplished	2 Developing	1 Beginning
ELO 1: Integrate knowledge, scientific and clinical evidence to manage complex health problems and promote healthcare outcomes in a defined population with cultural, diversity, and ethical considerations.				
1. Integrate concepts, theories, scientific and clinical evidence to identify and analyze clinical problems in a defined population	Demonstrate thorough and insightful concepts, theories, scientific and clinical evidence with a high degree of effectiveness and critical appraisal of the clinical problems with clearly identification of current knowledge gaps in a defined population	Demonstrate considerable concepts, theories, scientific and clinical evidence with considerable effectiveness and critical appraisal of the clinical problems but incomplete identification of current knowledge gaps in a defined population	Demonstrate concepts, theories, scientific and clinical evidence with moderate effectiveness and little critical appraisal of the clinical problems with limited identification of knowledge gaps	Demonstrate concepts, theories, scientific and clinical evidence with limited effectiveness and no critical appraisal of the clinical problems
2. Determine appropriate management based on evidence to promote healthcare outcomes with concern of culture, diversity, and ethics	Determine the most appropriate and comprehensive management based on evidence to promote healthcare outcomes with concern of culture, diversity, and ethics	Determine appropriate management based on evidence to promote healthcare outcomes with concern of culture, diversity, and ethics	Determine somewhat appropriate management based on evidence to promote healthcare outcomes with concern of culture, diversity, and ethics	Determine inappropriate management based on evidence to promote healthcare outcomes with concern of culture, diversity, and ethics

ELO 2: Conduct research in response to complex health problems in a defined population.				
1. Identify significant and suitable research question (s) and select an appropriate research design and methodology for the research question(s)	Clearly identify significant and suitable research question (s) and select an appropriate research design and correct methodology for the research question (s)	Identify significant and suitable research question (s). Enough information is given but not creative and critical. Select an appropriate research design and/or correct methodology for the research question (s)	Research questions are identified, but vague. A key component is not clearly connected to research literature. Basic research design and methodology are described in very general terms	Research questions are poorly formed, ambiguous or not logically connected to the literature. Research design and methodology are confusing or incomplete given the research questions and strategy
2. Conduct research and carry out data collection procedures with concern of research ethics	Thoroughly provide concise description of research procedures data collection with concern of research ethics	Substantially provide description of research procedures data collection with concern of research ethics	Adequately provide description of research procedures data collection with concern of research ethics	Partially or not provide description of research procedures data collection with concern of research ethics
3. Conduct data analyses using statistical software packages, interpret study results, and draw accurate conclusion	Utilize the most appropriate data analysis techniques to address the research objectives and questions. Effective conclusion and discussion with related to the literature and findings.	Utilize appropriate data analysis techniques to address the research objectives and questions. Appropriate conclusion and discussion with related to the literature and findings.	Utilize appropriate data analysis techniques to address the research objectives and questions. Conclusion and discussion are somewhat related to the literature and findings.	Utilize inappropriate data analysis techniques to address the research objectives and questions. Conclusion and discussion are not related to the literature and findings.
4. Write and present reports according to the requirements	Writing and report presenting are strong, fluid, and creatively coherent. No errors in spelling and grammar.	Writing and report presenting are clear and coherent. Some errors in spelling and grammar.	Writing and report presenting are moderately clear and coherent. A few errors in spelling and grammar.	Writing and report presenting are weak and inconsistent. Several errors in spelling and grammar.

ELO3: Exchange knowledge and disseminate scholarly work in scientific meetings and journals with proficient communication skills				
1. Disseminate knowledge of the field and research findings effectively through seminars, academic conferences, forums.	<p>Communicate information with a logical and clear organizational scheme to fully achieve the purpose of dissemination.</p> <p>Make good decisions about focus, organization, style/tone, and content to communicate clearly and effectively.</p>	<p>Communicate information through a clear organizational scheme in order to achieve a specific purpose of dissemination.</p> <p>Make good decisions about focus, organization, style/tone, and content to communicate clearly.</p>	<p>Communicate through disorganized text that makes it difficult for a reader/audience to identify the purpose of dissemination.</p> <p>Decisions about focus, organization, style/tone, and/or content sometimes interfere with clear, effective communication.</p>	<p>Fail to achieve intended purpose of dissemination because the information is fragmented and/or used inappropriately.</p> <p>Decisions about focus, organization, style/tone, and/or content interfere with communication.</p>
2. Publish research study to suit with requirements of journals.	<p>Balanced presentation of relevant and legitimate information that clearly supports a central purpose or argument and shows a thoughtful, in-depth analysis of a significant topic. Writing follows a requirements. The writing is free or almost free of errors.</p>	<p>Information provides reasonable support for a central purpose or argument and displays evidence of a basic analysis of a significant topic. Writing follows all requirements. There are occasional errors, but they don't represent a major distraction or obscure meaning.</p>	<p>Information supports a central purpose or argument at times.</p> <p>Analysis is basic or general.</p> <p>All requirements may not be fulfilled.</p> <p>The writing has many errors, and the reader is distracted by them.</p>	<p>Central purpose or argument is not clearly identified. Analysis is vague or not evident.</p> <p>Requirements have not been fulfilled. There are so many errors that meaning is obscured.</p>