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| **D17-2.3 Assessment of Competencies for MS Epidemiology** |
| **Competency** | **Course number(s) and name(s)** |
| 1. Select appropriate study design for assessing the association between a given exposure and an outcome, and then understanding advantages and limitations of these approaches.  | EPID 573A Basic Principles of EpidemiologyEPID 573B Epidemiologic MethodsEPID 573C Advanced EpidemiologyThesis |
| 2. Critique and synthesize appropriate literature and research findings to address a research question. | EPID 573C Advanced EpidemiologyThesis |
| 3. Identify potential sources of bias for various study designs and their impact on study quality. | EPID 573a Basic Principles of EpidemiologyEPID 573B Epidemiologic MethodsEPID 573C Advanced Epidemiology |
| 4. Conduct descriptive and analytic analyses, including strategies to assess confounding and effect modification methods, to make statistical inferences. | EPID 573a Basic Principles of EpidemiologyEPID 573B Epidemiologic MethodsEPID 573C Advanced EpidemiologyThesis |
| 5. Organize and deliver clear presentations of research findings in varying professional formats to diverse audiences. | EPID 573BEPID 573C Advanced EpidemiologyThesis |