

Office of Graduate Studies
University of Kansas Medical Center

Research Skills and Responsible Scholarship

All doctoral students must meet this requirement before proceeding to comprehensive exams. The requirement must include at least 2 components:

1. Every doctoral student is required to have training in responsible scholarship pertinent to the field of research.
2. Every doctoral student is required to obtain research skills pertinent to the doctoral level of research in their field(s).

Procedure

All doctoral programs must have a research skills and responsible scholarship requirement plan approved by the Graduate Studies Office. Students meet this requirement as determined by the approved plan for their program. It is the responsibility of the program to report when the student completed the requirement and how the requirement was met.

No course graded CR or NC can count toward the satisfaction of the requirements for a graduate degree. This prohibition includes any courses taken to meet the Research Skills and Responsible Scholarship requirement.

It is the purview of the department or program to determine the necessary topics in training doctoral students in the areas of responsible scholarship. Such topics **may** include:

- Protection of human subjects
- Welfare of laboratory animals
- Conflicts of interest
- Data management
- Mentor/student responsibilities
- Collaborative research
- Authorship, publication, plagiarism, copyright
- Peer review

Professional practices

Maintenance of confidentiality

Appropriate research conduct and research misconduct

It is also the purview of the department or program to determine the research skills necessary to perform doctoral level research. Research skills **may** include:

Knowledge of language(s) significant to the field

Research methodology

Methods of qualitative and quantitative data analysis

Computer programming necessary for the field

Laboratory skills and techniques necessary for the discipline

Note: These lists serve as guides; additional appropriate topics may exist.