

College of Nursing PhD Program RCR Requirements

Responsible Conduct of Research: Course Content Inventory Summary										Total per Topic
	Year 1			Year 2						
Content Area	950	951	922 or 923	930	924	920	940			
Introduction to the Responsible Conduct in Research*	1.00 hour	.50 hour		1.00 hour					2.50	
Authorship*	.50 hour	.50 hour							1.00	
Plagiarism*	.50 hour	.50 hour							1.00	
Research Misconduct*	.50 hour	.50 hour		1.00 hour					2.00	
CITI Collaborative Research**	.50 hour	.50 hour							1.00	
CITI Conflicts of Interest**	.50 hour	.50 hour							1.00	
CITI Data Management**	.50 hour	.50 hour			1.00 hour				2.00	
CITI Financial Responsibility**	.50 hour	.50 hour			1.00 hour				2.00	
CITI Mentoring**	.50 hour	.50 hour							1.00	
CITI Peer Review**	.50 hour	.50 hour							1.00	
Human Research Protection/ IRB Certification (http://train.ora.msu.edu)**	1.00 hour	.50 hour			1.00 hour				2.50	
Rigor and Reproducibility Course***	.50 hour	.50 hour							1.00	
Total per Year	7.00	6.00		2.00	3.00				18.00	

*to be completed within year one of enrollment

**to be completed within year two of enrollment

***to be completed within the first two years of enrollment

Summary

Light yellow shaded courses indicate that there is currently no RCR content in the course.

PhD students also obtain RCR content attending the Graduate College Responsible Conduct of Research Seminar series. HIPAA training module is also required. Prior to comprehensive exams, our PhD students must obtain interactive content on the responsible conduct of research well in excess of the policy requirements. Following comprehensive exams, students will be advised to meet the annual 3 hour requirement through the following methods: human subjects training recertification, qualifying CON research seminars, and by independent study of the MSU Research Integrity Council training modules (note: an assessment/certificate is not yet issued). Students are responsible for tracking and reporting their completion of content to the Doctoral Program Office.

Procedure:

All PhD must complete the following:

Discussion-Based Training

1. A minimum of 6 hours of discussion-based training prior to receiving their degrees. These hours can be completed at any point in the graduate program, (e.g., as part of a course or the Graduate School RCR Workshop series). *Completion of this requirement will be recorded in GradInfo as "Initial" training.*

College of Nursing

PhD Program RCR Requirements

In addition to Discussion-Based Training, graduate and graduate professional students must complete the following:

Year 1 (All students)

All new and graduate professional students will complete 4 CITI online modules within the first year of enrollment in their program. *Training will be provided and recorded in the MSU SABA system.*

- Introduction to the Responsible Conduct in Research
- Authorship
- Plagiarism
- Research Misconduct

Year 2 (Master's Plan A/PhD Students only)

Within the first 2 years of enrollment in their program, graduate and graduate professional students will complete 3 additional MSU online training modules, to be selected from the following list. *Training will be provided and recorded in the MSU SABA system and recorded in their official program.*

- CITI Collaborative Research
- CITI Conflicts of Interest
- CITI Data Management
- CITI Financial Responsibility
- CITI Mentoring
- CITI Peer Review
- Human Research Protection/IRB Certification (in <http://train.ora.msu.edu>)
- Rigor and Reproducibility Course (in production)

Year 3 and Beyond (Master's Plan A/ PhD Students only)

Starting in year 3, all graduate students must complete 3 hours of annual refresher training; this can include discussion-based training and CITI courses beyond the 7 required in basic training. Students should consult with their Major Professor to identify appropriate training options. *Completion of this requirement will be recorded in GradInfo as "annual" training.*

*Students who are supported by NSF, NIH or USDA grants may be required to complete additional specific training; they must meet the timeline and content requirements of training for the funded grant.