

VCU Responsible Conduct of Research (RCR) Course Matrix

VCU offers the following courses pertaining to RCR training. For more information, see the [VCU Schedule of Classes website](#). All courses listed below satisfy NSF RCR training requirements, which are monitored by the Office of Research and Innovation. This course matrix indicates which courses also meet the NIH RCR training requirements. For faculty questions about adding a course to the matrix, contact the Office of Research Integrity and Ethics at orie@vcu.edu.

| Term | Title | Lead Instructor | Course Information | Target Audience | Meets RCR Course Requirements | Course Contact |
|-------------------|---|-----------------|--|--|-------------------------------|---|
| Spring and Summer | Responsible Scientific Conduct (OVPR 602) | Markowitz | 1 credit (pass/fail); online/classroom hybrid with 4 in-person class sessions; online component includes reading and writing assignments | Graduate students, postdoctoral scholars, and faculty | NIH and NSF | Dr. Monika Markowitz msmarkow@vcu.edu |
| Fall | Scientific Integrity (OVPR 601) | Markowitz | 1 credit (pass/fail); online/classroom hybrid with 4 in-person class sessions; online component includes reading and writing assignments | Graduate students, postdoctoral scholars, and faculty | NIH and NSF | Dr. Monika Markowitz msmarkow@vcu.edu |
| Fall | Responsible Conduct of Research (OVPR 603) | Ryan | 1 credit (pass/fail); online/classroom hybrid with 4-5 in-person class sessions; online component includes reading and writing assignments | Graduate students (including those in the Preparing Future Faculty Program) and postdoctoral scholars (PFF Program graduate students have priority) | NIH and NSF | Dr. John Ryan jiryan@vcu.edu or pffprogram@vcu.edu |
| Fall | Chemistry Perspectives & Ethics (CHEM 693) | El-Kaderi | 1 credit (graded as S/U/F); classroom-based; meets weekly for 1.25 hours/week | All students in the chemistry, chemical biology, and nanoscience programs | NSF | Dr. Sally Hunnicutt sshunnic@vcu.edu |
| Fall and Spring | Research Ethics and Professional Development (ENGR 691) | Triplett | 2 credits (graded A-F); classroom-based; meets weekly for 2 hours/week | Graduate students (whether in Engineering or not) and postdoctoral scholars | NSF | Dr. Gregory Triplett getriplett@vcu.edu |
| Fall | Introduction to Research (BIOL 392) | Golding | 2 credits (graded A-F); classroom-based; meets bi-weekly for 50 minutes/week | Biology undergraduate students | NSF | Dr. Sarah Golding segolding@vcu.edu |

| | | | | | | |
|-----------------------|--|---------|--|---|-------------|---|
| Spring | Research Integrity (BIOL 604) | Golding | 1 credit (graded as Pass /Fail); hybrid on-line and class meetings | Graduate students (Master's and entry-level Ph.D students). Broad bioscience applicability. | NIH and NSF | Dr. Sarah Golding segolding@vcu.edu |
| Summer | Scientific Integrity: Responsible Conduct of Research (NURS 700) | Robins | 1 credit (graded A-F); online/classroom hybrid with 1 in-person session followed by video meetings and interactive online activities | Doctoral students in Nursing | NIH and NSF | Dr. Jo Robins jwrobins@vcu.edu |
| Continuous enrollment | General RCR | CITI | 0 credits; online only | Undergraduate students, graduate students, and postdoctoral scholars | NSF | You Lee Kim ylhkim@vcu.edu |
| Continuous enrollment | General RCR for Engineering | CITI | Register for the applicable course by logging in to CITI through VCU | Engineering undergraduate students, graduate students, and postdoctoral scholars | NSF | You Lee Kim ylhkim@vcu.edu |

NOTE: Before conducting research with human or animal subjects, additional online coursework is required. See VCU's [CITI Requirements](#) or VCU's [ACUP Training Requirements](#), respectively.