

Research (RSCH)

RSCH 10 Research Preparation 0 Credits (0,0)

Engagement with the research process. Understanding research, sourcing, using a library, gathering/organizing information, analyzing theses, citing, and referencing sources.

Course Offered at: Worldwide

RSCH 200 Inquiry and Discovery: Exploring Academic Sources 3 Credits (3,0)

Identifying, evaluating, and understanding reliability of academic sources for research projects. Strategies for engaging with academic articles; conventions of scholarly literature across fields. Emphasizes critical reading, analysis, and synthesis of multiple sources.

Course Offered at: Worldwide

RSCH 202 Introduction to Research Methods 3 Credits (3,0)

General introduction to research. Purposes of research; defining problems, hypotheses, and methodologies; quantitative and qualitative research; conducting literature reviews; evaluating outcomes; communicating results.

Prerequisites: COMM 122 or COMM 221 and STAT 211 or STAT 222

Course Offered at: Worldwide, Asia

RSCH 310 Applications of Artificial Intelligence in Research 3 Credits (3,0)

Machine learning, data analysis and visualization, AI tools for research workflows.

Course Offered at: Worldwide

RSCH 350 Research Ethics 3 Credits (3,0)

Exploration of ethical principles and challenges in academic research. Topics include informed consent, data integrity, human and animal research ethics, funding influence, and publication integrity.

Prerequisites: COMM 122

Course Offered at: Worldwide

RSCH 355 Publication-Ready STEM Research 3 Credits (3,0)

Collaboratively or individually complete a STEM research project. Produce submission-ready formal research paper. Requires securing a research supervisor before registration.

Prerequisites: RSCH 202

Course Offered at: Worldwide

RSCH 490 Capstone Project 3 Credits (3,0)

Completion of projects and written assignments encouraging self-analysis of career and intellectual interests in the chosen career field; development of a proposal and completion of a capstone project, including research, related literature review, and analysis targeted towards a specified audience; presentation of the project.

Prerequisites: RSCH 202

Course Offered at: Worldwide