



# 2022 Summer Research Skills Online Program

**Program dates:**  
August 1-12, 2022

**Program fee:**

USD480 per person, includes:

- Online courses
- NC State Library Database Access
- Learning Management System Moodle Registration and usage
- NC State Global Training Initiative Certificate
- Transcript

## Learning Objectives

After completing the program, participants will be able to:

- Describe the steps in the process for STEM research.
- Conduct a thorough literature review and prepare an annotated bibliography.
- Apply established standards of responsible conduct of research to their proposals.
- Collaborate effectively in teams.
- Participate effectively in the research planning and documentation process.
- Create a Research Proposal
- Develop audience-oriented oral communication skills through creating and delivering an oral research proposal presentation as a team.



Apply by June 30: <https://go.ncsu.edu/gti-research-skills>

# Program Calendar:

The lecture time will be 8:30-10:30 PM U.S. Eastern Time

## July 31 - Introduction to Scientific and Engineering Research

- Synchronous 90 min
- Asynchronous 30 min

## August 1 – Conducting a Literature Search and Creating an Annotated Bibliography

- Asynchronous 60 min
- Synchronous 60 min

## August 2 – Developing the Research Question or Problem

- Synchronous 60 min
- Asynchronous 60 min

## August 3 – Developing the Research Proposal

- Asynchronous 60 min
- Synchronous 60 min

## August 4 –Introduction to Responsible Conduct of Research and Case Studies

- Synchronous 90 min
- Asynchronous 30 min

## August 5 – Documentation, Record Keeping, Compliance, Data Acquisition

- Synchronous 60 min
- Asynchronous 60 min

## August 8 – Creating a Grant Proposal, Budget, Granting Agencies

- Synchronous 60 min

## August 9 – Mentor and Mentee Considerations

- Synchronous 60 min
- Asynchronous 60 min

## August 10 – Team Work on Research Proposal Presentations

- Synchronous 90 min
- Asynchronous 30 min

## August 11 – Team Presentations of Research Proposals & Program Wrap-Up

- Synchronous 120 min

## Admission requirement:

This program is only open to students from NC State partners' universities  
Undergraduate students, STEM majors

English requirement: The entire course will be taught in English, the students need to have sufficient English level, please provide your CET 4, or University Entrance Exam English score as the English proficiency proof.



**NC STATE UNIVERSITY**

Global Training Initiative

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