

Math 497R: Mentored Research

Instructor: Tuan Pham

Office hours: MWF 11 AM – 12:30 PM at SCB 316

Course description: this 1-credit class is to assist you on a certain research project to present at the Undergraduate Research Conference (URC) on April 3, 2025.

Meeting time: the class will meet once a week for one hour at the date and time agreed by the instructor and all class members.

Canvas: <https://byuh.instructure.com/courses/1481245>

Grading components:

Attendance: 5 points each meeting (13 weeks)

Writing: 5 points each meeting (13 weeks)

Write abstract and register for URC: 10 points

Submit research paper: 10 points

Present at the URC: 10 points

Total: 160 points

Resource:

- 1) [Set up the workspace](#)
- 2) The book “[An Introduction to Neural Network Methods for Differential Equations](#)” by Neha Yadav, Anupam Yadav, and Manoj Kumar.
- 3) Coding on Google Colab: <https://colab.research.google.com>
- 4) Typesetting with Overleaf: <https://www.overleaf.com/project>