

# In Spring 2024, NDSU will be offering **CHEM791: Green Chemistry!**

## **Course details**

Instructors: Dr. Mukund Sibi and Invited Guests

Class times: Tuesdays and Thursdays from 9:30 – 10:45 am

Prerequisites: Undergraduate organic chemistry and laboratory

## **Who should take this course?**

Anyone who is interested in the health of the planet through sustainable practices. This course will be of interest to people pursuing careers in industry, government, patent law, agriculture, pharmacy, and engineering.

## **What will the course entail?**

This is a 3-credit, in-person course with guest lectures on various aspects of green and sustainable chemistry.

We will be developing and conducting green chemistry outreach at local schools twice during the semester.

## **What will I learn?**

Topics covered will include the green chemistry principles, green polymer chemistry, patent writing, catalysis, the UN Sustainable Development Goals, planetary boundaries, solar cells, plastic pollution, and more!

## **How will I be assessed?**

Course grade will be based on a mini-review paper on a green chemistry topic outside the scope of the course (40%) and a final reflection paper (60%). There will be no exams in this class.