

Course Description: **INTRODUCTION TO TOXICOLOGY 2025**

Toxicology is an interesting and very practical science. It is the study of the adverse effects of chemicals on living systems. This short course will introduce students to the basic principles of toxicology and will include many real-life examples of various kinds of chemicals, poisons, venoms and even marketed drugs and how they impact our lives today.

There are no prerequisites for this class. A basic understanding of biology and chemistry would be helpful but is not necessary. The instructor will gear the class and homework toward the level of scientific understanding of the students.

Homework will be minimal. There will be a few quizzes on material covered in class. Students will have the opportunity to research and write a short paper and to present their findings in class.

There is no required text for the course, but there will be a number of handouts/reading assignments.

Teacher: **Dr. David Thompson**

Cost: \$100 Fall Semester Only

60 min class

Tuesdays, 9:30 – 10:30 am, at Chesterfield Presbyterian Church

Student orientation: Aug. 14, 2025 Time TBA

Fall Semester only: Aug. 19, 2025 to Nov. 18, 2025

This class meets on TUESDAYS.

This class will be cancelled if it does not reach a minimum of 5 students.

Dr. Thompson has worked as a toxicologist in academic, pharmaceutical and industrial settings. He majored in biology at Wheaton College, got his Masters in environmental health from the University of Minnesota, and earned a PhD in toxicology from Johns Hopkins University. He thinks toxicology is a great field to consider for kids interested in science.