

Program Learning Outcomes Fiber and Polymer Science

1. Demonstrate acquired knowledge in physical science and mathematics and an in-depth understanding of principles in fiber and polymer materials science;
2. Utilize analytical skills and qualitative and quantitative methodologies in scientific inquiries and problem solving;
3. Formulate questions critically, define goals and examine issues creatively through review of literature, design and execution of experiments, analysis of data and evaluations of results;
4. Evaluate issues and problems involving materials in the contexts of social and environmental responsibility;
5. Communicate effectively in written, oral and visual presentation of scientific information and topics.