

CEE 7511: Microbiology Enviro EGR

Introduction to microbiology and biochemistry; bacteria, fungi, algae, protozoa, and viruses; structure, function, synthesis, and degradation of lipids, proteins, nucleic acids, and carbohydrates; nutritional requirements for microbial growth; waterborne disease; indicator organisms; microbial ecology; and microbiology of the nitrifiers, methanogens, and sulfur bacteria. Prerequisite: One year of undergraduate chemistry.

Credits: 3.0