

University of Rhode Island

College of Pharmacy

Programmatic Learning Outcomes for the

BS in Biomedical and Pharmaceutical Sciences

- 1) Demonstrate knowledge and technical ability in the basic and pharmaceutical sciences
  - a. Demonstrate appropriate depth and breadth of knowledge in the basic sciences
  - b. Demonstrate appropriate depth and breadth of knowledge in the pharmaceutical sciences
  - c. Demonstrate technical competence in laboratory settings
- 2) Apply critical thinking and problem-solving
  - a. Recognize and analyze a problem in the pharmaceutical sciences
  - b. Explore multiple solutions by organizing, prioritizing, and defending each possible solution
  - c. Anticipate positive and negative outcomes by reviewing assumptions, inconsistencies, and unintended consequences
- 3) Demonstrate independent learning
  - a. Find pathways to acquire knowledge and skills independently
- 4) Communicate effectively to diverse audiences
  - a. Use effective oral communication with colleagues in multiple disciplines
  - b. Write effectively in a style appropriate for scientific or general audiences
- 5) Demonstrate appropriate ethical principles
  - a. Articulate ethical and legal principles that govern the pharmaceutical sciences nationally and globally
  - b. Express the importance of integrity, honesty, confidentiality, and teamwork in science environments