

## Subject specific learning outcomes

### Specific skills and knowledge appropriate to the degree title

In addition to the core learning outcomes specified in the Degree Accreditation Handbook, specific outcomes have been developed by Learned Societies across the key areas of the biosciences.

### *Degrees using 'Microbiology' in their title*

The **Society for Applied Microbiology** suggests that the graduates of a microbiology degree programme should be able to:

- analyse and manipulate microorganisms under appropriate containment conditions
- apply aseptic technique for isolation, culture, enumeration and safe disposal of microorganisms
- characterise and identify microorganisms using a wide variety of systematic techniques (including those based on physiology, biochemistry, chemosystematics and molecular biology)
- analyse the interaction of microbes with their environment, including other microflora
- explain the application of microbiology, and its contribution to solving global challenges facing humanity (including infection control, food security, energy supply and climate change)