On completion of this program, students will be able to::

Knowledge and understanding:
• Specify suitable analytical tools for data problems in the domain
• Summarise current research in biology
• Identify main methods in biodiversity
• Examine major tools in biology in the laboratory
Applying knowledge and understanding:
• Develop large datasets acquired experimentally or in the field
• Organise large datasets using suitable computer programs
• Design models for biological problems
• Critically analyse scientific publications in the domain to judge their scientific quality
• Reproduce methods in molecular biology
• Test natural substance analysis techniques
• Solve problems of space representation
• Experiment with real biological problems
• Use real biological methods
Making judgements:
• Criticise current research in biology based on acquired knowledge about methods and through literature research
Communication skills:
• Communicate specific scientific results to scientific and non-scientific audiences in oral and written form (oral presentation, poster presentation, written report and scientific publication)
Learning skills:
• Manage a scientific project including data collection, organisation and analysis of data and presentation of results in oral and written form