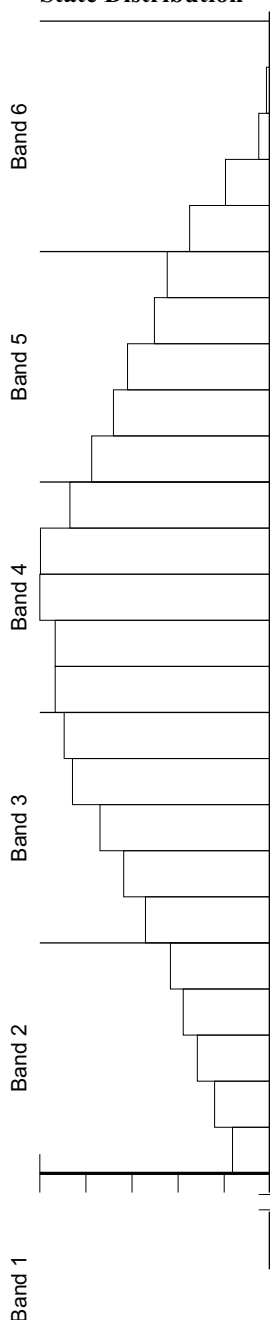


2014 Course Report



Biology

State Distribution



The typical performance in this band:

Band 6 Demonstrates extensive and detailed knowledge and superior understanding of biological concepts, including those based on contexts and prescribed focus areas. Communicates succinctly, logically and sequentially using a variety of scientific formats, including diagrams, graphs, tables, flowcharts and equations relating to biology. Analyses and evaluates data effectively, identifies biological relationships, quantifies explanations and descriptions, and synthesises information to draw conclusions. Uses precise biological terms extensively and correctly in a wide range of contexts. Designs valid experimental processes involving appropriate technologies and incorporates thorough knowledge of scientific methodology to solve problems. Applies knowledge and understanding to unfamiliar situations and designs original solutions to biological problems.

Band 5 Demonstrates thorough knowledge and understanding of most biological concepts, including those based on contexts and prescribed focus areas. Communicates effectively in a variety of scientific formats including diagrams, graphs, tables, flowcharts and equations. Explains qualitative and quantitative biological relationships and ideas coherently and identifies patterns in data to draw conclusions. Uses precise biological terms frequently and correctly in a range of contexts. Identifies the correct application of scientific experimental methodology to solve problems.

Band 4 Demonstrates sound knowledge and clear understanding of some biological concepts. Demonstrates a sound understanding of the contexts and prescribed focus areas. Communicates using clear written expression and incorporates diagrams of biological structures where appropriate. Provides qualitative and quantitative descriptions of biological phenomena and explains straightforward biological relationships. Uses general biological terms frequently and correctly in a range of contexts. Identifies correct components of experimental scientific methodology in biology.

Band 3 Recalls basic knowledge and understanding of some biological concepts. Demonstrates a basic understanding of the contexts and some prescribed focus areas. Uses fundamental written communication with some use of simple scientific diagrams relating to biology. Provides qualitative descriptions of fundamental biological phenomena and explains some straightforward biological relationships. Uses some general biological terms correctly in a limited range of contexts. Recalls some aspects of experimental scientific methodology in biology.

Band 2 Recalls limited knowledge and has elementary understanding of some straightforward biological concepts. Demonstrates a limited understanding of the contexts and prescribed focus areas. Uses fundamental written communication relating to biology. Provides simple qualitative descriptions of biological phenomena. Uses general biological terms occasionally.

Band 1 A mark in this band indicates that the student has achieved below the minimum standard expected.

The candidature of this course was 17,138.

