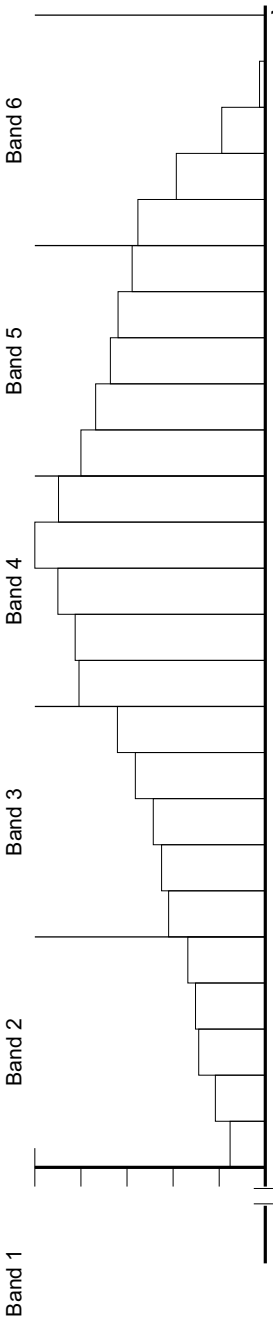
2025 Course Report

Chemistry

State Distribution | **The typical performance in this band:**



100–90 (Band 6)
Demonstrates extensive knowledge and understanding of scientific concepts, including complex and abstract ideas. Communicates scientific understanding succinctly and consistently using correct and precise scientific terms in a variety of formats and contexts. Designs investigations to obtain accurate, reliable and valid data, evaluating and mitigating risks and making modifications in response to evidence. Selects, processes, interprets and represents qualitative and quantitative data to derive trends, show patterns and relationships, explain phenomena and make predictions. Designs solutions to scientific problems or hypotheses using primary and secondary data and scientific evidence. Applies knowledge and information to unfamiliar situations to propose comprehensive solutions or explanations for scientific issues or scenarios.

90–80 (Band 5)
Demonstrates thorough knowledge and understanding of scientific concepts, including complex and abstract ideas. Communicates scientific understanding logically and effectively using correct scientific terms in a variety of formats and contexts. Designs investigations to obtain reliable and valid data, evaluating and mitigating risks and making some modifications in response to evidence. Selects, processes, interprets and represents qualitative and quantitative data to derive trends, show patterns and relationships. Designs solutions to scientific problems or hypotheses using primary and secondary data and scientific evidence. Applies knowledge and information to unfamiliar situations to propose explanations for scientific issues or scenarios.

80–70 (Band 4)
Demonstrates sound knowledge and understanding of scientific concepts. Communicates scientific understanding effectively using scientific terms. Designs and plans investigations to obtain data, and evaluates risks. Processes, interprets and represents data using a range of scientific formats. Identifies scientific problems, questions or hypotheses and applies processes to primary or secondary data. Applies knowledge and information relevant to scientific issues or scenarios.

70–60 (Band 3)
Demonstrates basic knowledge and understanding of scientific concepts. Communicates scientific understanding using basic scientific terms. Implements scientific processes to obtain data, and identifies risks. Processes primary or secondary data, and represents it using scientific formats. Responds to scientific problems, questions, or hypotheses. Recalls scientific knowledge and information.

60–50 (Band 2)
Demonstrates limited knowledge and understanding of scientific concepts. Communicates scientific understanding using limited scientific terms. Partially outlines investigations to obtain data and information. Provides simple descriptions of scientific phenomena. Recalls basic scientific knowledge and information.

50–0 (Band 1)
Performance reported as Band 1 indicates that the minimum standard expected was not demonstrated.

The candidature of this course was 10,369.