

Foundation Scholarship - Examination Requirements

Course of Study: Science

School/Discipline: TR060: Biological and Biomedical Sciences

Academic Year: 2024-25

Foundation Scholarship involves a searching examination, set and assessed so as to select students of outstanding ability. The objective of the Foundation Scholarship examination is to identify students who can consistently demonstrate exceptional knowledge and understanding of their subjects. The examination requires candidates to demonstrate: skill in synthesising and integrating knowledge across the full range of the set examination materials; rigorous and informed critical thought; and, in appropriate disciplines, a highly-developed ability to solve problems and apply knowledge.

Please include a brief statement below which explains how your examinations succeed in identifying the qualities associated with Scholarship.

TR060 Biological & Biomedical Sciences. Contact: Mirela Dardac. Email: mdardac@tcd.ie

The Foundation Scholarship examination in the Biological and Biomedical Sciences seeks to identify exceptional students with an ability to demonstrate a superior appreciation of both the course material and of the selected theme, and an ability to synthesise knowledge.

Candidates are examined in the following core biology modules: BYU22201 (Senior fresh: From Molecules to Cells); BYU11102 (Junior fresh: From Organisms to Ecosystems) and on additional general material based on a designated selected theme for which some special reading will be set as an introduction.

Candidates will sit three papers, each of three hours duration, with students answering three questions from six on each paper.

1. General paper on a selected theme (40% final mark);
2. From Molecules to Cells (BYU22201) (30% final mark);
3. From Organisms to Ecosystems (BYU11102) (30% final mark).

Paper 1 The general paper will be set on a selected theme for which special reading is set as an introduction.

Paper 2 will be based on material covered in Senior fresh module BYU22201 – From Molecules to Cells.

Paper 3 will be based on material covered in Junior fresh module BYU11102 – From Organisms to Ecosystems.

The selected theme for 2024-25 is to be confirmed.

The reading list and further information will be published in Blackboard BYU22201.

Completed by: Science Course Office

Date: 19.08.24