



## TR062: Geography and Geoscience Foundation Scholarship Examination 2023-24 Information for Scholarship Candidates

### **Foundation Scholarship as described in the College Calendar:**

“The objective of the foundation scholarship examination is to identify students who, at a level of evaluation appropriate to the Senior Freshman year, 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”

The objective of the Scholarship examination in Science is to identify and reward undergraduate students with outstanding knowledge and ability in each of the four Science degree programmes (TR060, Biological and Biomedical Sciences; TR061, Chemical Sciences; TR062, Geography and Geoscience; TR063, Physical Sciences). Such students should demonstrate an understanding and knowledge of their chosen field with some degree of originality and flair, and not simply a high level of performance in basic coursework.

The Scholarship examination is taken by Senior Freshman students in each degree and is based on the designated course work presented in the Junior Freshman and the first semester of the Senior Freshman years. In addition, students might also be examined on designated non-coursework material, which is specific for each degree.

An application form and Foundation Scholarship regulations can be accessed on the Examinations and Timetables Office webpage:

<https://www.tcd.ie/academicregistry/exams/scholarship/>

Recommendations for Scholarship will be based on the achievement of an overall first-class result with first class marks in at least two of the three papers examined and a mark of 65% or over in each paper.

### **Important Scholarship Dates:**

- Deadline for online applications: 18th October - 1 November 2023
- Submission of online withdrawal forms: 6th November – 10 December 2023
- Foundation Scholarship Examinations: 8th – 13th January 2024 inclusive (some exams may be held in the preceding week.
- Announcement of Election to Scholarship: Trinity Monday 22nd April 2024



## TR062: Geography and Geoscience

Contact: Professor Micha Ruhl ([micha.ruhl@tcd.ie](mailto:micha.ruhl@tcd.ie))

The Foundation Scholarship examination in Geography and Geoscience seeks to identify exceptional students who:

1. Show a comprehensive understanding of the foundational material covered in modules up until the end of Michaelmas Term in the Senior Freshman year;
2. Demonstrate an ability to critically engage with selected topics drawn from the broader fields of Geography and Geoscience.

Candidates will sit three papers, each of 3 hours duration:

- Paper 1 (30%): Answer 3 questions from 6 based on material covered in GSU11001: Spaceship Earth and GSU11003: The Anthropocene.
- Paper 2 (30%): Answer 3 questions from 6 based on material covered in GSU11002: Planet Earth; GSU22201: From Atoms to Rocks – Introduction to Geochemistry; and GSU22202 Sedimentary Processes and Environments.
- Paper 3 (40%): Answer 3 questions from 6 based on a selected theme, for which special reading will be set as an introduction

**Note:** The information provided in this leaflet is accurate at time of preparation. Any revisions will be notified to students via e-mail and at the Science Course Office

Website: <https://www.tcd.ie/Science/>