REEFE CONLEY

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EDUCATION

University of Cambridge, M.Sci. Natural Sciences, First Class *10/24 – 07/25*
Quantitative Climate and Environmental Science (QCES), an interdisciplinary course focused on geophysical fluid dynamics, with a focus on climate and environmental modelling. Ranked 5th in cohort.

Courses:

- Fluid dynamics of the solid Earth (Pt III Mathematics)
- Computational geosciences (Pt III Earth Sciences)
- Geochemistry of mineral-water interactions (Pt III Earth Sciences)
- Atmosphere, ocean and cryosphere dynamics
- Laboratory and numerical methods
- Fundamentals of environmental modelling
- Environmental data acquisition and analysis

Research project:
Quantifying melt rates in the grounding zones of Antarctic ice shelves using geophysical inversion. Supervised by Prof Jerome Neufeld and Dr Paul Holland. (83%)

University of Cambridge, B.A. (Hons) Natural Sciences, 2.i *10/21 – 07/24*
Specialised in Earth Sciences in third year, with a focus on geophysics, climate science, mineralogy and analytical geochemistry.

Third-year courses:
Geophysics and tectonics, Earth's climate system, Mineral stability and reactivity

Third-year research project:
Carried out fieldwork in the Thau lagoon, southern France. Investigated the aqueous geochemistry and hydrology of the lagoon and its watershed. Supervised by Prof Ed Tipper. (68%)

TALKS AND PRESENTATIONS

- QCES Conference Presentations, May 2025 *Quantifying melt rates in the grounding zones of Antarctic ice shelves.*

AWARDS AND SCHOLARSHIPS

- **Sir Arthur Arnold Scholarship (£400)** for excellent final-year examination results.
- **Girton College Travel Award (£400)** for high-quality and constructive travel.
- **Worts Travelling Scholars, Sir Bartle Frere's Memorial, and Mary Euphrasia Mosley Awards (£800)** for investigations and research in countries outside of Great Britain, for the purpose of scientific research.

ADDITIONAL SKILLS

Languages: English (native), French (CEFR B2)
Programming: Python, MATLAB, R, QGIS, LaTeX