# COURSE DETAIL

| REAL ANALYSIS 1 |
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| **Country**<br>United Kingdom - England |
| **Host Institution**<br>King's College London |
| **Program(s)**<br>King's College London |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Mathematics |
| **UCEAP Course Number**<br>143 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>REAL ANALYSIS 1 |
| **UCEAP Transcript Title**<br>REAL ANALYSIS 1 |
| **UCEAP Quarter Units**<br>6.00 |
| **UCEAP Semester Units**<br>4.00 |

**Course Description**

The course provides rigorous theoretical foundation for key concepts appearing in Analysis: open sets, closed sets, continuous maps, continuity, differentiability, Riemann integral. This is done in the context of sets on the real line and of functions of one variable.

**Language(s) of Instruction**
English

**Host Institution Course Number**
5CCM221A

**Host Institution Course Title**
REAL ANALYSIS I

**Host Institution Course Details**
https://www.kcl.ac.uk/abroad/module-options/analysis-i-1

**Host Institution Campus**

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**
Mathematics

**Course Last Reviewed**
2024-2025

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