# **COURSE DETAIL**

### ANALYSIS

**Country** United Kingdom - Scotland

Host Institution University of St Andrews

**Program(s)** University of St Andrews

UCEAP Course Level Upper Division

UCEAP Subject Area(s) Mathematics

UCEAP Course Number 102

**UCEAP Course Suffix** 

UCEAP Official Title ANALYSIS

**UCEAP Transcript Title** ANALYSIS

**UCEAP Quarter Units** 6.00

**UCEAP Semester Units** 4.00

#### **Course Description**

This course introduces the key concepts of real analysis: limit, continuity, and differentiation. Emphasis is placed on the rigorous development of the material, giving precise definitions of the concepts involved and exploring the proofs of important theorems. This course forms the prerequisite for all later courses in mathematical analysis.

# Language(s) of Instruction

English

#### Host Institution Course Number MT2502

# Host Institution Course Title ANALYSIS

#### ANALISIS

# **Host Institution Campus**

St Andrews

**Host Institution Faculty** 

**Host Institution Degree** 

#### **Host Institution Department**

Mathematics & Statistics

<u>Print</u>