

COURSE DETAIL

PROBABILITY 2

Country

United Kingdom - England

Host Institution

University of Bristol

Program(s)

University of Bristol

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Statistics

UCEAP Course Number

118

UCEAP Course Suffix**UCEAP Official Title**

PROBABILITY 2

UCEAP Transcript Title

PROBABILITY 2

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

A wide range of phenomena from areas as diverse as physics, economics, and biology can be described by simple probabilistic models. Often, phenomena from different areas share a common mathematical structure. In this course a variety of mathematical structures of wide applicability is described and analyzed. The emphasis is on developing the tools which are useful to anyone modelling applications, rather than the applications themselves. Students should have a good knowledge of first year probability and of basic material from first year analysis. As the course builds on Probability 1, it also deepens students' understanding of the basis of probability theory.

Language(s) of Instruction

English

Host Institution Course Number

MATH20008

Host Institution Course Title

PROBABILITY 2

Host Institution Course Details

<https://www.bristol.ac.uk/unit-programme-catalogue/UnitDetails.jsa?ayrCode=26%2...>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mathematics

Course Last Reviewed

2025-2026

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