

COURSE DETAIL

QUANTUM COMPUTER SCIENCE: AN INTRODUCTION

Country

United Kingdom - England

Host Institution**Program(s)**

Summer in Oxford, Exeter College

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

134

UCEAP Course Suffix

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UCEAP Official Title

QUANTUM COMPUTER SCIENCE: AN INTRODUCTION

UCEAP Transcript Title

QUANTUM COMP SCI

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This is an introduction to quantum computer science, intended primarily for computer scientists, physicists, electrical engineers, and mathematicians. It introduces a large number of ideas with an emphasis on building familiarity with the main concepts, and some general knowledge of terminology and methods. Mathematical methods are employed in a practical way, on a "need-to-know" basis.

Language(s) of Instruction

English

Host Institution Course Number

Host Institution Course Title

QUANTUM COMPUTER SCIENCE: AN INTRODUCTION

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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