

# Mathematical Studies (Core Math)

Level 3 Certificate (AS Level equivalent)

Exam Board: **AQA**



## ENTRY REQUIREMENTS

**5+**

in GCSE  
Maths



## SUBJECT OVERVIEW

This Level 3 Certificate Mathematical Studies qualification will consolidate students' mathematical understanding, build their confidence and competence in applying mathematical techniques to solve a range of problems and introduce them to new techniques and concepts that will prepare them for further study and future employment within a broad range of academic, professional and technical fields.

This qualification is worth 40% of an A-Level and is worth UCAS points for university applications.

TOPICS/UNITS/MODULES	Skills Learnt
Analysis of Data	<ul style="list-style-type: none"><li>• Data analysis</li><li>• Hypothesis testing and research</li></ul>
Math for Personal Finance	<ul style="list-style-type: none"><li>• Budgeting and financial planning</li><li>• Interest and investment</li></ul>
Estimation	<ul style="list-style-type: none"><li>• Problem solving and critical thinking</li></ul>
Critical analysis of Data and Models	<ul style="list-style-type: none"><li>• Data interpretation and evaluation</li><li>• Presentation and communication</li></ul>
Choice of; Statistical techniques, Critical Path Analysis or Graphical techniques	<ul style="list-style-type: none"><li>• Data visualisation</li><li>• Planning</li><li>• Predictive analysis</li></ul>

## Careers

- Finance and accounting
- Data Science and Technology
- Operations and Logistics
- Marketing and Market research
- Healthcare and medical fields
- Education
- Government and Public Sector

## EXAMINATION/ASSESSMENT

50%

50%

- Paper 1: Analysis of Data, Personal Finance, Estimation
- Paper 2: Option Paper (see choices above)