

# Assessment in HE Mathematical Sciences

HoDoMS April 2026

**Prof Mary McAlinden**



**Prof Cathy Hobbs**



**Prof Rachel Hilliam**



# Project goals

- To develop a shared understanding of the intended goals of different forms of assessment in an AI-enabled world
- To produce evidence-informed principles for assessing mathematical sciences, together with some practical resources.

Intended audience: Heads of Departments



# Activities informing project

- Literature review
- Stakeholder event March 2026
- **HoDoMS discussion**
- Further discussions with specific groups
- Review of draft outputs



# IMA accreditation

- Course Accreditation and Recognition
  - Recognition requirement for AMIMA/MIMA/FIMA – min 50% UG level mathematics at each stage
  - CMath accreditation – min 66% of UG level mathematics at each stage
- Frameworks for Higher Education Qualifications
- Assured at institutional level against **QAA Benchmark for Mathematics Statistics and Operational Research**
- Must be **validated within institution prior to application**
- **Graduate skills requirement**

# RSS accreditation

- Full Accreditation and Quality mark
  - GradStat, CStat
  - **Learning outcomes** and **depth of study**
  - Mapping against **graduate statistician** requirements
- ‘Please give a brief explanation as to how you comply with a relevant independent university qualify assurance procedure’

[https://rss.org.uk/RSS/media/File-library/Policy/Higher%20education%20policy/2025/L\\_Methods-of-Assessment-update-June-2025.pdf](https://rss.org.uk/RSS/media/File-library/Policy/Higher%20education%20policy/2025/L_Methods-of-Assessment-update-June-2025.pdf)

# Discussion

- What are the main things you would want the final outputs to cover?
- How do you see yourself using the outputs?
- Are there other audiences you think we could usefully address?

# Comments/further follow up

## Contact

Cathy Hobbs [macah@bristol.ac.uk](mailto:macah@bristol.ac.uk)

Mary McAlinden [mary.mcalinden@ntu.ac.uk](mailto:mary.mcalinden@ntu.ac.uk)

Rachel Hilliam [rachel.hilliam@open.ac.uk](mailto:rachel.hilliam@open.ac.uk)

