



THE UNIVERSITY *of* EDINBURGH  
School of Mathematics

**Information for students- MSc Projects with Industry**

**Feb 2023**

# Recording

This session will now be recorded. Any further information that you provide during a session is optional and in doing so you give us consent to process this information.

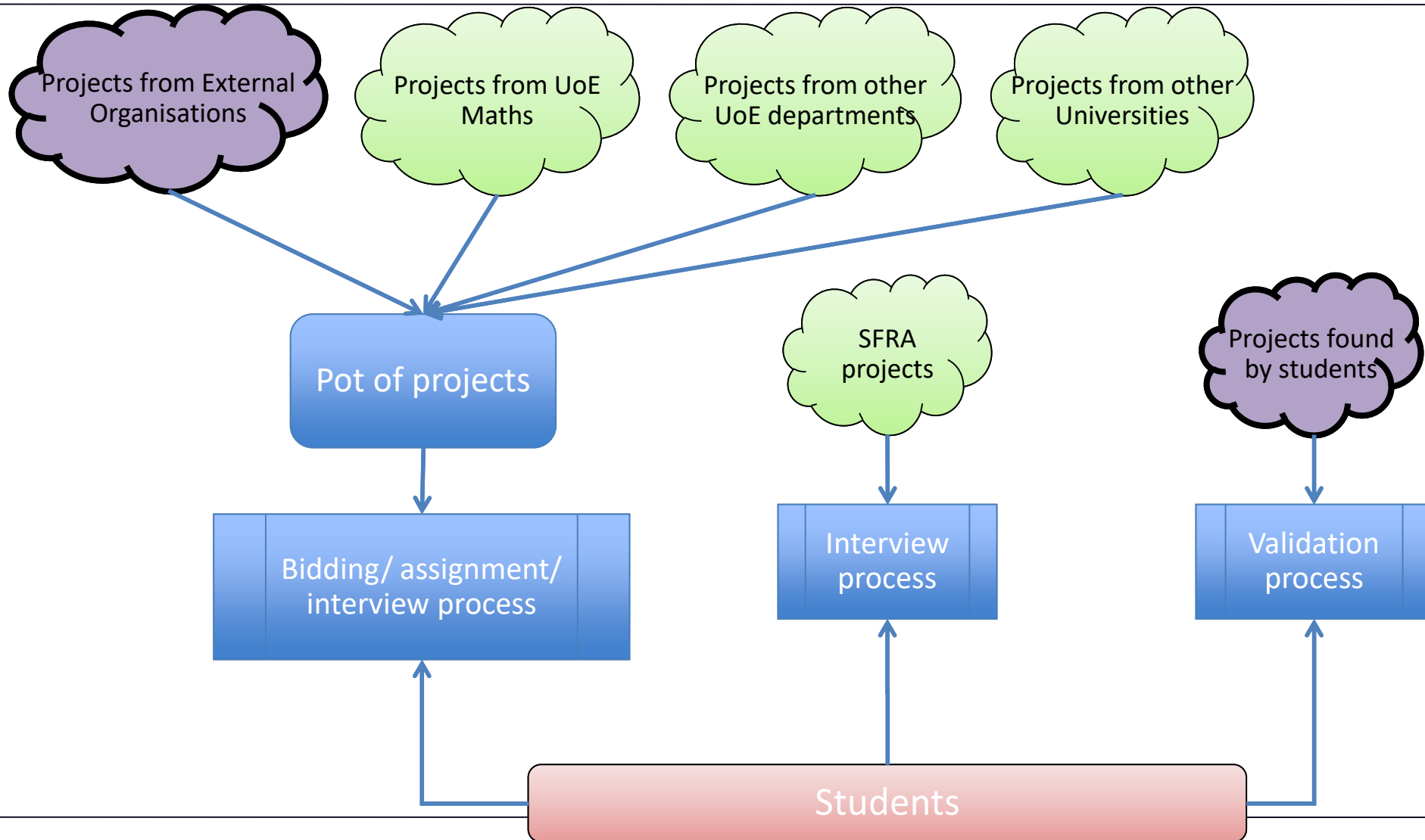
These sessions will be stored by the University of Edinburgh for one year and published on our website during that time.

By taking part in a session you give us your consent to process any information you provide during it.

 Start Recording

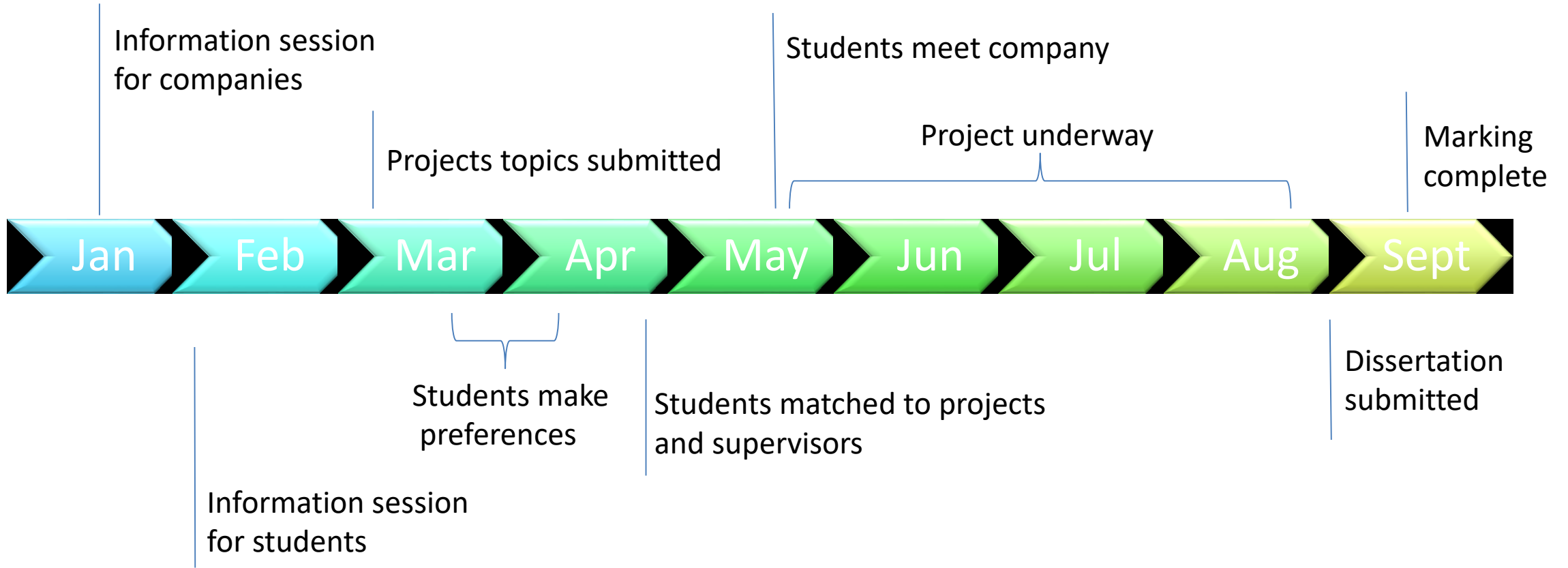
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# MSc Project Timeline





## Why do a project with an industry partner?

- You may prefer a more applied “real life” project?
- Build your networks
- Employers may recruit students who have already worked for them
- Excellent experience for your CV / discuss at interview
- Show you can work in the UK and gain a UK reference
- Develop your people and relationship skills
- **Projects with an industry partner can benefit you even if you plan to continue in a teaching and research role**





## Who have we worked with before?

### Consultancy Services

Sopra Steria  
IBM  
KPMG  
Arup

### Central Government

NHS  
Public Health Scotland  
Scottish Government  
GORS

### Energy Systems

Wood MacKenzie  
EMEC  
TNEI  
Upside Energy

### Banking and Finance

NatWest  
Baillie Gifford  
Money Dashboard  
Barclays

### Others

Nextail  
Smartify  
Edinburgh Airport  
Optrak Distribution



## Other things to consider

- Supervision; both industry and academic
- Communication tools, remote working
- Confidentiality of data and commercial information
- Important to be proactive and be able to work independently
- You will likely need to research a domain topic as well as the maths methodology
- Try to meet others in the team (not just your supervisor).
- We would love you to write a blog/social media post about your project



## Validation Process

- To source your own dissertation topic you should:
  - ► Find an academic member of staff willing to supervise the project and suitable supervisor in a company;
  - ► Send the project coordinator a description of the proposed dissertation topic before mid-April so that we can check that its mathematical content is appropriate for a dissertation project.





## Information for the Company

Information for companies, organisations, charities and government departments on becoming a partner on our MSc summer projects:

- [Become an external partner | School of Mathematics \(ed.ac.uk\)](#)