Domain situation

- Undergraduate advisers need to advise students onto modules
- Students might want to explore their module options
- Currently done using the course catalogue PDFs
- There is a search tool (https://portal.st-andrews.ac.uk/catalogue/home.htm) but it only allows for individual module search without context of what the student has currently taken
- Have questions like:
  - What modules open/limit future choices and how? (especially at honours level)
  - If I want to take module *M*, what do I need to have done previously?
  - Given that I am on degree path *P*, what modules do I have to take, and how does this limit my future choices? (especially for joint-honours)

Data and Task Abstraction

- Visualisation of pre-, co-, and anti-requisites – will help advisers guide students; will help students plan their degree across more than the current semester/year
- Degree path selection – if on a degree path, it would be useful to know what modules are locked in/out
- Degree path suggestion – given a set of modules that sound interesting, which degree paths are compatible with those module choices
- Module selection – if uncertain, helpful to play around with module selection
- Module search – students/advisers might want to look up a specific module
- Degree path search – students/advisers might want to look up a specific degree path