



StudentShapers Recruitment: Calling all students interested in Space Mining!

Space Mining: Development of new I-Explore STEMM module

Bursary: £305/week (4-6 weeks full-time)

Who should apply: This position is open to students from all undergraduate degree streams, preferably in years 3 or 4, and/or with experience of conducting research, either individually or in a small group.

Campus/Location: South Kensington/Earth Science and Engineering (Remote working available and encouraged)

Project details: Space Mining is a completely new I-Explore module in a rapidly emerging and cross-disciplinary field. The module is based on group tasks designed to address key aspects of space resource use; legal and ethical issues, technical design and the economic case. The aim of this StudentShapers project is to refine the module content, so that it has achievable tasks, and with sufficient space for creativity and collaboration.

In this project, you will:

- Refine the curriculum and source appropriate learning resources. Student partners should not have any preconceived ideas about the topic and its content, which will bring new ideas and viewpoints. These will be incorporated into the module tasks, enhancing the content.
- Together with the staff members, set out one of the three activities (legal, technical or economic aspects), discussing and refining the planned goals of each activity and the assessment strategy.
- Develop a set of assessment criteria for the three tasks, including for peer review.

We will be recruiting 3 student partners, to work alongside Kathryn Hadler and Valentin Laurent. The project would suit someone who is:

- **Excited about space mining. No prior experience of the subject is required, but you should have a keen interest in learning about space resources.**
- **Motivated to work independently and to discuss your findings in a small group.**
- **Able to synthesise information across a broad range of subject areas.**

The StudentShapers will have the opportunity to be or to train UTA/GTAs when the module runs in January 2021.

The project will run from 15th June until 24th July 2020. The start date is dependent on completion of academic studies for the year.

How to apply: Please express your interest for this project by emailing Dr Kathryn Hadler at k.hadler@imperial.ac.uk.

Deadline: by 17:00 on Saturday 30th May 2020

Contact details: Kathryn Hadler (k.hadler@imperial.ac.uk).