

UCL Rover – Project F.U.R.I.O.S.A.

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Mission statement

To create and develop next generation space exploration platforms, to assist mankind in the coming years of space travel.

Initial goals:

- 1) Be the first UK team to compete at the finals of the European Rover Challenge - ACHIEVED
- 2) Be the first UCL team to compete at the finals of the University Rover Challenge - ONGOING

Competition requirements

- ✓ Autonomous navigation
- ✓ Collecting and analysing soil samples
- ✓ Servicing equipment and retrieving field instrumentation.
- ✓ Traversing over extreme Martian terrain

General specification

- ✓ 6x6 wheel drive - Teleoperated or Autonomous
- ✓ Onboard drill with temperature & moisture sensors
- ✓ Multipurpose Robotic Arm
- ✓ Light weight rover for fast collection and delivery of samples to base station

