

UCL Summer School Online 2021

Astrophysics

Monday, 26 July – Friday, 30 July 2021

Exoplanets

Your Astrophysics Summer School led by the UCL Department of Physics and Astronomy will this year focus on planets beyond our solar system, the Exoplanets. Exoplanet discoveries have accelerated over the last few years with powerful new telescopes able to detect ever smaller bodies and even begin analysing details about what these distant worlds may be like.

Combining physics knowledge from across the spectrum and applying them to outer space is what astrophysics is all about. You'll develop problem solving skills that will enhance your understanding of physics in the workplace as well as high level research.

You'll need to bring a curiosity and be able to work in new ways to solve physics using new skills you will learn along the way; online computational tools and coding, understating of spectroscopy and the limits of optical resolution, as well as traditional lectures and group work. This will leave you with a greater understanding of what it is like to study for a Physics or Astrophysics degree at a world leading institution.

Required A level/ Advanced Higher subjects: Mathematics and Physics

For further information and other qualifications, please visit our website:

<https://www.ucl.ac.uk/prospective-students/undergraduate/degrees/astrophysics-bsc>