



# ESPA **Bioinformatics Internship** (LUDBI2705)

[Apply here](#)

## Start date

September 2021

## Duration

6 months

## Languages

Good spoken and written English levels are required (B2 onwards)

## Location

### Oxford, England

One of the World's most famous university cities, Oxford is a beautiful place. It is steeped in history and studded with picturesque buildings, yet maintains the feel of a young city, thanks to its large student population. This buzzing city has something for all tastes.

## Are you eligible?

Are you a registered student?

Or

Are you eligible to participate in the Erasmus+ programme?

## Benefits

See website for details of all ESPA benefits. For all internships over 6 months, additional benefits will be paid. Details available at interview.

## Role

This is an exciting role for an enthusiastic individual who has great attention to detail and a creative approach to problem solving. Mentored throughout, you will combine mathematics, statistics, and science to provide relevant data analysis and monitoring for disease trends, preventive medicine, and many other areas. You will play an important role in processing and interpreting biological data generated from analysis of the samples from a wide range of patients. You will be involved in both research and development activities, spanning from small tests to larger cohort studies. A fantastic addition to your CV and boost to your career prospects.

## Tasks

- Participate in the planning and the execution of studies for experimental work
- Collect, explore and transform data generated from the in house platform
- Implement statistical method tools to analyse large sets of data
- Develop and implement statistical and mathematical methods
- Data interpretation and analysis
- Communicate basic statistical concepts and methods to stakeholders
- Collaborate with peers to develop quality protocols and reports
- Document, report and present findings

## Personal Skills

- Studying for a degree in mathematics, statistics or biostatistics/bioinformatics,
- Strong grasp of computing and mathematics and capable of making logical decisions and deductions
- Ability to interpret analytical data and an understanding of statistical methods
- Experience using data analysis software
- Excellent organisational, interpersonal and communication skills
- Prioritize and manage own time effectively
- Laboratory and technical experience gained during degree

## Host Company

The host is a bioscience company specialising in analytical technology for medical applications of glycobiology. The technology originated at the University of Oxford, UK. It is used in the quality control of FDA- and EMEA-approved biopharmaceuticals worldwide and can be used to support IND submissions. They have been operating since 1999 and have built up a client base including leading pharmaceutical and biotechnology companies throughout the world.