

BI2506 Research Skills for Life Sciences

For students in the School of Medical Sciences ONLY

Information about the course

This course focuses on developing core skills for life scientists and will be required for all students with degree intentions in the School of Medical Sciences. The course focuses on developing the essential skills that are needed to undertake a research projects.

Its **aim** is to develop an active student-driven approach to learning based on curiosity and exploration of knowledge as opposed to passive acquisition.

Students will be working in groups of 6 and will research a particular topic related to the general theme of "Health and Disease".

A number of sub-themes will be studied, each with a number of topics. The sub-themes are listed below:

- Genetic diseases.
- Auto-immune diseases
- Developmental diseases
- Microbial diseases
- Diseases affecting the Nervous System
- Acquired diseases
- Exercise is the best Medicine

If a group of you have a topic that you are desperate to do then that is open to negotiation

You will work as a group to research the topic, an important part of the work that you do is to teach each other the material related to the particular component that you have researched.

You will have a tutor who will act as a facilitator to the group and who will also ensure that you have all understood all the material in the project by a formal tutorial.

A PowerPoint presentation will be made to the other groups in your sub-theme in the last week before the Easter break, when all members will be involved in the discussion afterwards.

You will then be required to write an individual essay, under exam conditions, in the second week back after the Easter break.

Last year the course ran for the first time and was hugely successful.

I am trying to set up the website so that you can access more information.

Best wishes
Mary Cotter