

LIFS 3510 Junior Research project I

Course Outline

1. Instructors

Instructors	Office	Extension	E-mail address
Prof. Robert Z. Qi (RZQ) (Course Co-ordinator for course approval)	Room 5458	X7273	qirz@ust.hk
Various LIFS faculty			

2. Course Intended Learning outcomes

On successful completion of this course, students are expected to be able to:

1. Exercise independent judgment to critically review the literature relating to a specific project.
2. Design and plan an experimental approach to test a specific hypothesis, to carry out research and to organize research tasks to meet a deadline.
3. Implement the planned experimental procedures under the guidance of senior laboratory personnel.
4. Communicate in a clear and organized manner an evaluation of a project, scientific interpretation of the data and conclusions reached.
5. Apply experience and technical ability to undertake future research on unfamiliar topics.

3. Meeting Time and Venue

Laboratory:

Date/Time: TBA

Venue: TBA

4. Course Description

Credit points: 2

Pre-requisite: LIFS 2040 and LIFS 2240

Exclusion: NIL

Grading: P or F

Brief information/synopsis:

The objective of the course is to increase awareness of preparation in research and learn how to synthesize a research proposal. Together with the supervisor each student will identify a research question, do a literature review, familiarize themselves theoretically with technical aspects of the project and write a short proposal. Approval of a faculty supervisor is required for students to enroll in the course. Graded P or F.