

LIFS 6115F Current Topics in Development & Systems Biology
Spring Semester 2023

1. Course description

This course will expose postgraduate students to selected current topics in Development and Systems Biology. This course may be repeated for credits. Graded P or F.

2. Learning outcomes

On successful completion of the course, students will be able to:

1. Describe the current research findings in the area of Development and Systems Biology.
2. Evaluate and analyze information relevant to Development and Systems Biology.
3. Exchange research information/ideas, communicate and explain information/ideas in the area of Development and Systems Biology.
4. Present research and scientific topics in an organized and rational manner, effectively use data and scientific principles to support rational conclusions and defend them in the discussion part of the presentation.

3. Date/Time: 5:00 PM-6:50 PM (Monday)

4. Venue: Academic building Room 1410

5. Course instructors:

Prof. Zhenguo Wu (ZGW) (E-mail: bczgwu@ust.hk)

Prof. Yan Yan (YY) (E-mail: yany@ust.hk)

Prof. Andrew Miller (AM) (E-mail: almiller@ust.hk) (Course coordinator)

Prof. Lan Wang (LW) (E-mail: lanwang@ust.hk)

Prof. Ho Yi Mak (HYM) (E-mail: hym@ust.hk)

6. Course Assessment

The grading system of the course is P/F, mainly based on class attendance and participation. The minimum attendance requirement is 70% of scheduled classes. The students are expected to be active participants during each class period.

7. Schedule (provincial)

Date	
Feb 13 th	Z Wu
Feb 20 th	Z Wu
Feb 27 th	Ho Yi Mak
March 6 th	Ho Yi Mak
March 13 th	A L Miller
March 20 th	A L Miller
March 27 th	A L Miller
April 3 rd	Yan Yan
April 17 th	Yan Yan
April 24 th	Lan Wang
May 8 th	Lan Wang

8. Course Format

2 – 4 students, depending how many take the course (class enrolment cap = 40), will be assigned a research paper by the course instructor – i.e., you (usually 1 or more weeks before their scheduled presentation). They will then prepare a 20-minute PPT presentation summarizing the key findings in their assigned paper. This will be followed by 10 minutes of questions/discussion led by the instructor. Class participation in the Q&A and discussion session is expected.