



The University of Southern Queensland

Course specification

The current and official versions of the course specifications are available on the web at <http://www.usq.edu.au/coursespecification/current>.
Please consult the web for updates that may occur during the year.

Description: Special Study in Bioinformatics

Subject	Cat-nbr	Class	Term	Mode	Units	Campus
BIO	8410	87422	1, 2009	ONC	1.00	Toowoomba

Academic group:	FOSCI
Academic org:	FOS002
Student contribution band:	6
ASCED code:	010900

STAFFING

Examiner: Guang Liu
Moderator: Grant Daggard

RATIONALE

This course will allow the student to choose a topic approved by the Program Coordinator from within a bioinformatics discipline and obtain advanced knowledge by private study. The topic chosen should complement the studies that the student is simultaneously undertaking.

SYNOPSIS

The student will be expected to gain knowledge in a selected field of bioinformatics by private study in appropriate libraries and or electronic sources. Attendance at seminars both within and outside the University will also be expected.

OBJECTIVES

On completion of this course students will be able to:

1. demonstrate an understanding of a major area of bioinformatics at an advanced level (Literature Review);
2. demonstrate a capacity to perform investigative literature searches (Literature Review);
3. demonstrate an capacity to perform critical analysis of literature searched (Literature Review);
4. demonstrate a capacity to synthesise and present a substantive report on literature searched in a logical and coherent manner (Literature Review).

TOPICS

Description	Weighting (%)
1. No detailed teaching contents can be specified for this course. Weighting for assessment item is 100%. Students will be expected to read broadly and extensively within their approved	100.00

topic area. Areas of study will be chosen in consultation with an examiner and be approved by the Program Coordinator.

TEXT and MATERIALS required to be PURCHASED or ACCESSED

ALL textbooks and materials are available for purchase from USQ BOOKSHOP (unless otherwise stated). Orders may be placed via secure internet, free fax 1800642453, phone 07 46312742 (within Australia), or mail. Overseas students should fax +61 7 46311743, or phone +61 7 46312742. For costs, further details, and internet ordering, use the 'Textbook Search' facility at <http://bookshop.usq.edu.au> click 'Semester', then enter your 'Course Code' (no spaces).

REFERENCE MATERIALS

Reference materials are materials that, if accessed by students, may improve their knowledge and understanding of the material in the course and enrich their learning experience.

The supervisor may provide a few key references as a starting point for the student's literature search.

STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Private Study	160.00
Supervisor Consultation	10.00

ASSESSMENT DETAILS

Description	Marks out of	Wtg (%)	Due date
LITERATURE REVIEW	20.00	100.00	02 Mar 2009 (see note 1)

NOTES

1. The Program Coordinator will advise as to the Literature review due date.

IMPORTANT ASSESSMENT INFORMATION

- 1 Attendance requirements:
The special study in bioinformatics area chosen will be assigned after consultation with the examiner and the Program Coordinator. Students may be directed to a certain Biomedical science study, or they may be asked to nominate an appropriate study. It is the students' responsibility to attend and participate appropriately in all relevant activities recommended or scheduled for them, and to study all material provided to them or required to be accessed by them to maximise their chance of meeting the objectives of the course and to be informed of course-related activities and administration.
- 2 Requirements for students to complete each assessment item satisfactorily:
Students will be advised with a marking scheme and submission requirements.
- 3 Penalties for late submission of required work:

If students submit assignments after the due date without (prior) approval of the examiner then a penalty of 5% of the total marks gained by the student for the assignment may apply for each working day late up to ten working days at which time a mark of zero may be recorded.

- 4 Requirements for student to be awarded a passing grade in the course:
To be assured of receiving a passing grade a student must achieve at least 50% of the total weighted marks available for the course.
- 5 Method used to combine assessment results to attain final grade:
To be advised when the student's Special Study in Science is determined.
- 6 Examination information:
There are no examinations in this course.
- 7 Examination period when Deferred/Supplementary examinations will be held:
As there is no examination in this course there will be no Deferred/Supplementary examinations.
- 8 University Regulations:
Students should read USQ Regulations 5.1 Definitions, 5.6. Assessment, and 5.10 Academic Misconduct for further information and to avoid actions which might contravene University Regulations. These regulations can be found at the URL <http://www.usq.edu.au/corporateservices/calendar/part5.htm> or in the current USQ Handbook.

ASSESSMENT NOTES

- 1 In consultation with the program Coordinator, Examiners will provide students with: (i) A topic for the Literature Review; (ii) Requirements for candidates for completion of the Literature Review so as to enable the student to reach the course objectives (iii) A marking scheme (iv) Any other requirements deemed necessary by the Examiner (v) Due date