

## Curriculum Information Record for a Research Degree Programme

**College of Veterinary Medicine and Life Sciences**  
**Effective from Semester A 2017/18**  
**For Students Admitted with Catalogue Term**  
**Semester A 2015/16, 2016/17, 2017/18 and 2018/19**

This form is for completion by the College/School for research degree programme. The information provided on this form is the official record of the Programme. It will be used for City University's database, various City University publications (including websites) and documentation for students and others as required.

Please refer to the *Explanatory Notes* attached to this form on the various items of information required.

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### Part I

**Programme Title** (in English) : Doctor of Philosophy

(in Chinese) : 哲學博士

**Award Title** (in English) : Doctor of Philosophy

(in Chinese) : 哲學博士

### Programme Aims

This programme aims to train and produce graduates with an understanding of advanced developments and highly marketable specialist skills in the disciplines of biology, biomedical sciences, veterinary medicine, and to meet local and regional requirements in the industrial, commercial, government or education sectors.

### Programme Intended Learning Outcomes (PILOs)

(state what the student is expected to be able to do at the end of the programme according to a given standard of performance)

*Upon successful completion of this Programme, students should be able to:*

1. Develop intellectual competence necessary to successful academic and professional work.
2. Contribute to the generation and development of knowledge in their respective fields through independent, original, and innovative research.
3. Demonstrate specialist subject knowledge and a high level of transferrable skills with an emphasis on discovery-based element.

## Part II Programme of Study

### 1. Research Area(s) in which research students will be admitted to:

Comparative Biomedical Sciences  
Immunology and Infectious Disease  
Molecular and Systemic Neuroscience  
Public Health and Epidemiology

### 2. Programme Core Courses: ( 6 credits)

Course Code	Course Title	Level	Units Worth	Remarks
BMS8001	Research Ethics and Methodology	R8	2	
BMS8102	Frontiers in Biomedical Sciences	R8	2	
BMS8103	Advanced Cell and Molecular Biology	R8	2	

### 3. Programme Electives\*: ( 8 credits)

Course Code	Course Title	Level	Units Worth	Remarks
BMS8105	Biotherapy and Nanomedicine	R8	3	
BMS8106	Stem Cell and Regenerative Medicine	R8	3	
BMS8107	Cancer Biology and Precision Medicine	R8	3	
BMS8108	Advanced Neuroscience	R8	3	
BMS8110	Genomics and Bioinformatics	R8	3	
BMS8111	Immunology and Infectious Diseases	R8	3	

\*Electives will be offered subjected to sufficient enrolment.

### 4. Qualifying Examination (if any):

The College shall appoint a Qualifying Panel for each student upon his or her admission to the research degree programme. The Panel should consist of at least four faculty members. For the PhD programme developed in close collaboration with Cornell, a joint panel consisting of a supervisor from each of Cornell and CityU will be formed. The Panel will include the two supervisors with the CityU supervisor serving as the Panel Chair, an additional academic staff member, or members, from CityU, and a member, or members, from Cornell. The Panel's responsibility will be to supervise the student's study throughout his/her PhD candidature. The Panel should normally be required to prescribe coursework for students within one month from their commencement of studies. The Panel will monitor the student's study throughout his or her entire study period through assessing the qualifying report submitted by the student at regular intervals, assess the student's progress and performance by conducting an interview, oral examination or presentation for the purpose of confirmation of candidature.

For students admitted to the PhD programme, the Qualifying Panel will conduct a qualifying examination consisting of a written proposal on the thesis project (which should include a survey of the relevant literature, an identification of a specific research topic, the research methodology and a discussion of the possible outcomes), an oral presentation by the student, and an oral examination by the Qualifying Panel (Cornell co-advisor should participate via skype or videoconference). This qualifying examination should be scheduled at the end of the first year of study.

## 5. Qualifying/Annual Report Submission:

### i. Qualifying Report

Students are required to submit a qualifying report (in English) within the specified qualifying periods as follows:

- Full-time students: within 6-12 months from commencement of study

### ii. Annual Progress Report (Form SGS36)

Students who have been permitted to continue their studies after the qualifying period are required to submit a progress report (in English) on an annual basis until they have submitted the final version of their theses for assessment. The Qualifying Panel will provide its written assessment and feedback to the students on the Annual Progress Report (via Form SGS36).

## 6. Thesis:

A PhD thesis should present the results of research investigation, give evidence of a sound understanding of the area of study, its context and applicability, make a contribution to knowledge and make a substantial original contribution to knowledge in the subject areas concerned. The PhD candidates should submit a thesis for examination by the end of their maximum study period or the stipulated study period. The thesis assessment should include a compulsory oral examination and any other assessment arrangements as required by the Panel of Examiners.

## 7. Additional Notes:

Research students who commence studies on or after 1 June 2008 are required to take a one-credit unit compulsory course entitled Teaching students: First Steps (SG8001). Credit unit earned from this course will not be counted towards the University's minimum coursework requirement. Students are recommended to take this course in their first year of study.

Course Code	Course Title	Level	Units Worth	Remarks
SG8001	Teaching Students: First Steps	R8	1	

### **Prepared / Last Updated by**

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