

programme structure



Duration:

- **Doctor of Philosophy: 6-8 Semesters**
 - **Masters: 4-6 Semesters**
- a. Compulsory courses:
 - i. ZIRA6014 Research Methodology
 - ii. Courses related to systems biology (Four credit hours for doctorate and two credit hours for masters)
 - b. Participation in seminars, workshops and training sessions related to research project
 - c. Students must present their research as follows:
 - Research proposal (First semester)
 - Research progress updates (Intermediate semesters)
 - Research findings (Final semester)
 - d. For doctoral degree, publication of at least two articles in journals (accepted for publication) and presentation of research results at related conferences before completion of studies
 - e. For masters degree, publication of at least one article in a conference proceedings before completion of studies
 - f. Preparation and submission of the research thesis
 - g. Viva voce examination

Note:

Candidates with insufficient background knowledge in the field required for their research (for example, those with a computer sciences background but insufficient background in biology) are required to attend courses as advised by the Graduate Committee.

For more programme information please contact:

Assistant Registrar

Institute of Systems Biology (INBIOSIS)
Universiti Kebangsaan Malaysia, 43600 UKM Bangi, Selangor, Malaysia

Tel: +603 8921 4548 / 4549 | Fax: +603 8921 3398 |
Email: ppinbio@ukm.my | <http://www.inbiosis.ukm.my>

For application forms please contact:

Centre for Graduate Management

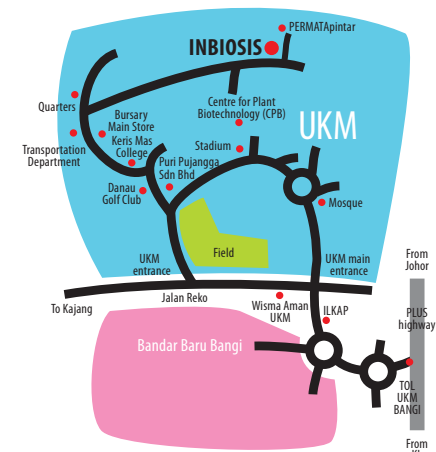
Universiti Kebangsaan Malaysia, 43600 UKM Bangi, Selangor, Malaysia

Tel: +603 8921 4445 | Fax: +603 8925 2699 | Email: dpms@ukm.my

For further application information, please visit:

http://www.ukm.my/pps/index_en.php

Postgraduate Programmes



entry requirements

academic programmes

- **Doctor of Philosophy (Systems Biology)**
- **Masters in Systems Biology (Computational Biology)**
- **Masters in Systems Biology (*In Silico* Biology)**
- **Masters in Systems Biology (Biomolecular Sciences)**
- **Masters in Systems Biology (Proteome Science)**

All programs may be taken either full-time or part-time.
Part-time registration is only available to Malaysian students.

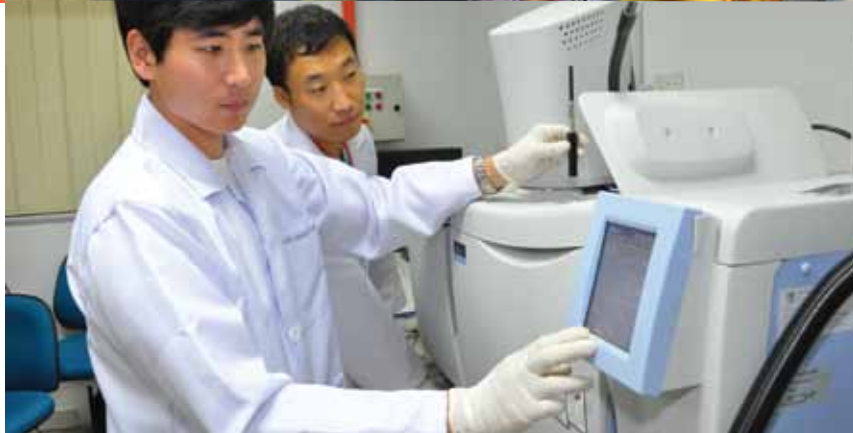
International candidates for all graduate programmes are required to demonstrate proficiency in English with a minimum score of 7.0 (IELTS), 550 (TOEFL) or Band 4 (UKM English Proficiency Test).

Masters in Systems Biology

Bachelors degree in Biological Sciences, Physical Sciences, Chemical Sciences, Computational Sciences, Mathematical Sciences or Engineering from Universiti Kebangsaan Malaysia or other institutions of higher learning that are recognised by the Senate of UKM;

Or

Other qualifications that are equivalent to the Bachelors degree or other qualifications or working experience that are recognised by the Senate of UKM.



Doctor of Philosophy

Masters degree in Biological Sciences, Physical Sciences, Chemical Sciences, Computational Sciences, Mathematical Sciences or Engineering from Universiti Kebangsaan Malaysia or other institutions of higher learning that are recognised by the Senate of UKM;

Or

Other qualifications that are equivalent to the Bachelors degree or other qualifications or working experience that are recognised by the Senate of UKM;

Or

Bachelors degree with Honours in Biological Sciences, Physical Sciences, Chemical Sciences, Computational Sciences, Mathematical Sciences or Engineering with a Cumulative Grade Point Average (CGPA) of at least 3.67 from Universiti Kebangsaan Malaysia or other institutions of higher learning that are recognised by the Senate of UKM .