



北京师范大学 香港浸会大学 联合国际学院

BEIJING NORMAL UNIVERSITY · HONG KONG BAPTIST UNIVERSITY
UNITED INTERNATIONAL COLLEGE

Ph.D/M.Phil PROGRAMME IN BIOLOGY

至善路
Excellence Road

Why UIC?

- The first full-scale cooperation in higher education between the Chinese Mainland and Hong Kong
- Strategically situated in Zhuhai city in the Guangdong-Hong Kong-Macao Greater Bay Area
- Highly internationalized with world-class faculties
- High standards of nurturing research talents in postgraduate education
- Academic degrees awarded by the prestigious HKBU



Why PhD or MPhil in Biology?

PhD and MPhil in Biology cover a broad area ranging from ecological processes to molecular and cell biology. These programmes aim to cultivate students with profound understanding and insight, as well as systematic in-depth theoretical and professional knowledge in the field of biological science. They equip students with advanced research skills to undertake high-quality research of complex problems, leading to outstanding scientific publications and significant contributions in science and technology.



Professional Resources

Students will have access to advanced laboratories and sophisticated analytical instruments, available both in UIC and HKBU. These programmes get the professional supports of Environmental Science Programme and Food Science and Technology Programme. Besides, students also have access to a wide array of software and online learning resources, particularly the geographical information system (GIS) package, modelling software and data-science facilities. There is also extensive collaboration and network with the wider research communities to support students in conducting world-class research.



Programme Structure

Study Mode	Enrollment Time	Duration	Minimum Units of Coursework
MPhil in Biology	Every March and September	24 months (full-time)	12
PhD in Biology		48 months (full-time)	22

* Remark: The Mandatory Common Core Courses will be taken in Hong Kong Baptist University.

Spotlight on Career

Students have the opportunity to delve into the specific areas of biological science according to their backgrounds and interests. Graduates of the programmes could readily find employment with international firms as well as government institutions at national and local levels. They could engage in consultancy, conservation programmes, as well as research and development. Besides, our graduates are prepared to pursue academic career, and careers in the fields of biotechnology, bioinformatics, pharmaceutical, nutrition, forensics, bioengineering, agriculture and environment.



Areas of Research Interest

Within the Graduate School, we have a core group of faculty members whose research interests include ecological data monitoring and modeling, nature and species conservation, ecological restoration, environmental management, and environmental toxicology. In addition, we also have faculty members who are experts in food safety testing techniques, functional food ingredients, pharmaceuticals, molecular nutrition, cell biology, protein modification, biomedical materials, cancer diagnosis and therapy, drug delivery systems, and functional polymers. Prospective applicants can scan the QR code for the background information of potential supervisors.



How to Apply

Prospective applicants can visit the website for more information on the application process:

https://gs.uic.edu.cn/graduate1/Research_Postgraduate_Programme/Biology.htm

Or, contact the Graduate School:
gs_rpg@uic.edu.cn





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In knowledge and in deeds, unto the whole person

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关于UIC

- 首家中国内地与香港高等教育界合作创办的大学
- 位于中国粤港澳大湾区的珠海市
- 拥有国际视野和世界一流水平师资
- 坚持正确的教育方向并以培养一流科研人才为目标
- 毕业获香港浸会大学学位



课程介绍

生物学博士和硕士课程涵盖从生态保护和环境建模到生物医学、分子和细胞生物学等广泛领域。这些项目旨在培养学生在生物科学领域具有深刻的理解和洞察力以及系统深入的理论和专业知识。通过发展广泛的兴趣和科研技能，学生能够对前沿问题进行高质量、前瞻性的研究，从而产生优秀的科学出版物。该课程的目标是培养能够在科学和技术方面作出重大贡献的专业人才。



专业资源

我们的课程得到了环境科学专业和食品科学与工程专业的全力支持。同时还配备了最先进的研究设施，如超高效液相色谱仪、气相色谱质谱仪、顶空气相色谱仪等，以提供生物和相关领域最前沿的科研训练机会。此外，学生有权访问一系列软件和在线学习资源。地理信息系统（GIS）、气象和环境建模以及空间和卫星数据分析方面的计算密集型研究得到了我们内部GIS套件、建模软件以及UIC数据科学设施的支持。我们还与各地的研究单位建立了广泛的合作，确保学生在世界一流的研究环境中得到支持。



课程设置

课程类型	入学时间	修读时间	修读学分
研究型硕士	每年三月或九月	24个月（全日制）	12
博士研究生		48个月（全日制）	22

*注：所有课程将以英文授课。公共必修课程将于香港浸会大学修读。

职业发展

生物学涵盖生命科学的所有分支，从生命过程到整个生态系统。学生将根据自己的背景和兴趣深入到生物学的特定领域。生态和环境方向的毕业生有机会在国际企业以及国家和地方各级政府机构工作。我们的校友在咨询、环境保护、研究和以及发展规划等邻域中具有显著的优势。此外，毕业生将有机会成为教育，生物技术、生物信息、制药、营养学、法医学、生物工程、农业和环境等领域的佼佼者。



主要研究邻域

在研究生院，我们有一批核心导师，他们的研究方向涵盖了现今人类发展的最新挑战，内容包括生态数据监测与建模、自然与物种保护、土地规划与生态修复、环境管理与经济学以及环境毒理学。另外，我们拥有一批优秀的导师，他们在食品安全技术及保障体系、分子生物学、细胞生物学、主营养素的代谢、活性包装、植物基蛋白、蛋白质修饰、生物医用材料、癌症诊断与治疗、慢性病检测与治疗、可控药物释放体系、功能性高分子和纳米药物等邻域都是专家。

扫描二维码查看导师背景信息：



申请方式

有意向的申请者可浏览有关申请程序的更多信息：

https://gs.uic.edu.cn/graduate1/Research_Postgraduate_Programme/Biology.htm

或联系研究生院：
gs_rpg@uic.edu.cn





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