

Graduate Program in Molecular Medicine (English Program for Master's Degree)

Introduction

The Master's Degree (MS) program in Molecular Medicine is designed for **international students** with a background in biology, biomedicine, or biotechnology who wish to engage in vigorous training leading to a MS degree. Faculty members have expertise in the following areas: Molecular Medicine, Biochemistry, Molecular and Cellular Biology, Microbiology (Bacteriology, Virology, Parasitology), Immunology, Pharmacology, Physiology, and various -omics/systems biology disciplines such as Genomics, Proteomics, Metabonomics and Bioinformatics. All lectures and laboratory courses are offered in English, and provide a breadth of concepts and research skills in modern biomedical fields. Students can also enroll in technology/laboratory-based summer courses, and have access to the cutting-edge core facilities in the Molecular Medicine Research Center at CGU.

Graduation Requirement

Graduate students must complete 24 graduate credits from the required and elective courses, and 6 additional credits of thesis study for a total of 30 credits.

Course List

Required Courses

Biochemistry & Molecular Biology (2 credits)
Bioinformatics & Statistics (2 credits)
Topics in Molecular Medicine (2 credits)
Seminar (at least 2 semesters)
Graduate Thesis Writing (6 credits)

Elective Courses

Advanced Cancer Biology (2 credits)
Advanced Cell Biology (2 credits)
Advances in Microbiology (2 credits)
Advances in Immunology (2 credits)
Cell Growth and Apoptosis (2 credits)
Cellular Physiology & Signal Transduction (2 credits)
Molecular Genetics/Model Organisms I (2 credits)
Nanomedicine (2 credits)
And others

Admission Requirements

Eligibility

1. Applicants must **NOT** hold the citizenship of Taiwan-ROC or possess overseas Chinese student status at the time of application.
2. Applicants must have a Bachelor's degree or its equivalent from an accredited institution.
3. TOEFL score of 550 (CBT: 213, iBT: 80) or above, or IELTS score of 6 or above within the past five years (not required for native English speakers and applicants with Bachelor's degrees from Universities in English-speaking countries).

Documents Required

1. Check list (available in the online application system)
2. Hard copy of the completed online application form
(<http://www2.is.cgu.edu.tw/aplforis/login.aspx>)
3. Copies of citizenship identification document or passport.
4. A copy of the academic transcript and/or diploma (of the highest academic degree) in English or Chinese.
5. Two letters of recommendation.
6. Validated financial statement by a financial institution (banks, building societies, etc.) indicating that the applicant holds sufficient funds for staying in Taiwan, and such statement should be sealed and mailed directly from the financial institution to the University.
7. Declaration for international students (available in the online application system).
8. TOEFL or TOEIC or IELTS score (not applicable to native English speakers or applicants with Bachelor degree from Universities in English-speaking countries)
9. Study plan (5 pages maximum).

Deadline

Send all the required documents to Admission Section, CGU before **July 15th, 2014**.
Mailing address: 259 Wen-Hwa 1st Road, Kwei-Shan Tao-Yuan, Taiwan, 333, R.O.C..

Scholarship

All international MS student are waived for tuition fee and are entitled to 2-year scholarship of ~US \$330 per month, 10 months per year. Registered students may also apply for research assistantship (RA) with monthly stipend of up to ~US\$330.

Prospect

Students with excellent academic standing are eligible for advanced acceptance and stipends to the PhD program of Graduate Institute of Biomedical Sciences, with tuition exemption
(<http://gibms.cgu.edu.tw/>)

Tuition and Fees

Items	NT Dollars	Memo
Tuition	0	
Students' Safety Insurance	160 / semester	approx. US\$6
National Health Insurance	750 / month	approx. US\$25
Accommodation Cost	7,000~8,300 / semester	approx. US\$238~281/semester 2 - 4 person suite Dollar amount vary by different dormitory buildings
Living Expense	8,000~15,000 / month	approx. US\$270~510

* Based on 1 US\$=29.6 NT\$ as in September 2013. The actual US dollar amount is subject to the current exchange rate.

Contact Information

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<http://egpmm.cgu.edu.tw>

Division of Biochemistry, Molecular and Cellular Biology		
English name	Chinese name	Laboratory
Yi-Chuan Cheng	鄭邑荃	Neurodevelopment Laboratory
Jim-Tong Horng	洪錦堂	Cell Biology Laboratory
Sheng-Chieh Hsu	許勝傑	Molecular and Cellular Biology, Cancer biology
Po-Yuan Ke	柯博元	Stress Response & Molecular Mechanism Laboratory
Kwang-Huei Lin	林光輝	Gene Regulation Laboratory
Li-Mei Pai	白麗美	Developmental Biology
Scott C. Schuyler	曲 桐	Cell and Molecular Biology Laboratory
Bertrand Tan	譚賢明	Biochemistry, Proteomics, Molecular Cellular Biology
Shu-Yuan Yang	楊淑元	Germ Cell Biology Laboratory
Jau-Song Yu	余兆松	Signal Transduction Biology Laboratory

Division of Microbiology		
Yu-Sun Chang	張玉生	Virology Laboratory
Mei Chao	趙 玫	Molecular Virology Laboratory
Yi-Ywan M. Chen	陳怡原	Bacterial Genetic Research Laboratory
Cheng-Hsun Chiu	邱政洵	Bacterial Pathogenesis Laboratory
Sebastian D. Fugmann	傅崇安	Molecular Immunology Laboratory
Ming-Ling Kuo	郭敏玲	Molecular Immunology Laboratory
Hsin-Pai Li	黎欣白	Tumor Virus and Cancer Research Laboratory
Hsi-Hsien Lin	林錫賢	Molecular Immunology Laboratory
Chun-Yen Lin	林俊彥	Liver Research Center
Robert Y.-L. Wang	王永樑	Molecular Virology Laboratory
Petrus Tang	鄧致剛	Molecular Regulation & Bioinformatics Laboratory
Fu-Chan Wei	魏福全	Vascularized Composite Allotransplantation

Division of Physiology and Pharmacology		
Jin-Chung Chen	陳景宗	Neuropharmacology Laboratory
Shu-Ling Liang	梁淑鈴	Astroglial Electrophysiology Laboratory
Juu-Chin Lu	盧主欽	Molecular Endocrinology & Metabolism Laboratory
Yunn-Hwa Ma	馬蘊華	Pharmacology Laboratory
Tzu-Hao Wang	王子豪	Research Laboratory of the Department of Obstetrics and Gynecology
Chung-Pu Wu	吳宗圃	Cancer Biology Laboratory
Chuen-Mao Yang	楊春茂	Cellular and Molecular Pharmacology Laboratory

Division of Biotechnology		
Chung-Ming Chang	張中明	Research Center for Emerging Viral Infections
Ann-Joy Cheng	鄭恩加	Translation Cancer Research
Hsin-Chih Lai	賴信志	Infection, inflammasomes and Molecular Immunology Laboratory
Chia-Rui Shen	沈家瑞	Medical Immunology
Shin-Ru Shih	施信如	Research Center for Emerging Viral Infections
Ching-Ping Tseng	曾慶平	Laboratory for Translational Cancer Research and Platelet Biology