



**马来西亚博特拉大学**

# 研究生招生简章

**UNIVERSITI PUTRA MALAYSIA (UPM)  
INTERNATIONAL POSTGRADUATE**

**| 2021/2022**



**香港城市書院**  
HONG KONG CITY INSTITUTE



# 马来西亚博特拉大学

## Univesiti Putra Malaysia

马来西亚博特拉大学(UPM)是马来西亚首屈一指的大学之一，在教学和研究方面久负盛名。作为全国五所领先的研究型大学之一，博特拉大学高度致力于知识的探索，并为学生提供最好的学习体验。博特拉大学有两个校区。主校区占地1200公顷，位于马来西亚首都吉隆坡以南约22公里处的Serdang，距离吉隆坡国际机场 (KLIA) 约45公里。博特拉大学在沙捞越州民都鲁的分校区占地近715公顷，周围是郁郁葱葱的森林，有着丰富的动植物种类。

博特拉大学的研究生课程由研究生院 (SGS) 管理和推广，这是一个著名的机构，支持大学对知识和探索的敏锐关注，多年来已被认为是全国最好的研究生院之一。

- 全国五大研究型大学之一 (RU)
- 超过80%的学术人员拥有博士学位
- 培养出的博士生数量最多
- 在过去的20年里，获得了最高数额的研究资助。
- 生产了全国一半以上的商业化研发产品

### 马来西亚理科大学最新世界排名记录：

- 1) QS 2022世界排名第143 位列世界1%顶尖大学。
- 2) 泰晤士高等教育(THES) 2021: 在全世界98个国家的1200多个机构中，世界排名前201-300位。



# 设施和资源

## Facilities & Services

博特拉大学为其学生提供的设施如下所示：

- 展览馆
- 演讲厅和大厅
- 图书馆
- ICT（电脑室，电子数据库网络和互联网）
- 学生宿舍
- 配备有室内和室外设施的体育中心（游泳池，羽毛球场，健身室等）
- 食堂
- 保健室
- 农业园



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# 录取要求

## Admission Requirements

### 硕士学位课程

#### Master Degree Programme

- 申请人应拥有相关领域的学士学位（荣誉），最低CGPA成绩为3.000；或  
The applicant should possess a Bachelor's degree (with honours) in a relevant field with a minimum CGPA of 3.000; or
- 如申请人符合学院/研究所规定的任何其他要求，即使申请人没有足够学历，依然可以被录取  
An applicant without sufficient academic qualification can be admitted into the programme subject to any other requirement specified by the Faculty/ Institute.
- 如果申请人处于本科课程的最后一个学期，只要他目前的CGPA或同等学历符合研究生课程的入学要求，就可以考虑录取。  
An applicant who is in the final semester of his / her undergraduate study programme may be considered an admission provided his / her current CGPA or equivalent fulfills the graduate programme admission requirements.

### 博士学位课程

#### Doctoral Degree Programme

- 申请人应拥有相关领域的硕士学位（授课型），平均成绩至少为B-；或  
An applicant should possess a Master degree( coursework) in a relevant field with a minimum grade average of B-; or
- 申请人应拥有相关领域的硕士学位（有论文）；或  
An applicant should possess a Master degree (with thesis) in a relevant field; or
- 拥有优秀学士学位的申请者，CGPA不低于3.750（这样的申请者即使没有硕士学位也可以申请直接入学）。  
An applicant with an outstanding Bachelor degree with a minimum CGPA of 3.750 (such an applicant may apply for direct admission even without a Master degree).
- 已提交硕士论文供审查的学生也可提出临时入学申请。  
An application for provisional admission may also be made by a student who has submitted his / her Master's thesis for examination.



# 语言要求

## Language Requirements

- 所有来自英语不是教学语言的国家的国际申请人必须获得托福550分以上或雅思6分以上或CIEP109级或同等水平。对于马来语和外语研究，申请人必须获得至少450分的托福成绩或5.0分的雅思成绩。

All international candidates from countries where English is not a medium of instruction must have obtained a minimum score of 550 for TOEFL or Band 6 for IELTS or Level 109 for CIEP or its equivalent. For Malay and Foreign Language Studies, the candidate must have obtained a minimum score of 450 for TOEFL or Band 5.0 for IELTS;

- 有兴趣的申请人如果获得托福500-549分或雅思5.5分或CIEP107级或同等成绩，在注册时需要报名并通过大学举办的三年级英语课程，可以获得临时录取。

Provisional admission may be granted to interested applicants who have obtained a score of 500-549 for TOEFL or Band 5.5 for IELTS or Level 107 for CIEP or its equivalent, who upon registration, are required to enroll and pass the Tertiary English Programme conducted by the University.

- 临时录取不适用于申请：

Provisional admission is not applicable to those applying for:

- 应用比较语言学

- Applied Comparative Linguistics

- 应用语言学

- Applied Linguistics

- 文化和文学研究

- Cultural and Literary Studies

- 话语研究

- Discourse Studies

- 英语语言

- English Language

- 英语文学

- English Literature

- 识字研究

- Literacy Studies

- 英语作为第二语言的教学 (TESL)

- Teaching of English as a Second Language (TESL)

- 笔译和口译

- Translation and Interpretation



# ELS的语言要求

## ELS Language Requirements

申请人如果没有达到他们所选择的UPM课程的英语水平要求，可以选择在马来西亚ELS语言中心提高他们的英语水平。ELS有一个分部，它位于UPM校园内，开设了被认证的强化英语课程（CIEP），该课程得到了大学的认可。需要强化英语的研究生将在ELS CIEP学习大约一个学期，这取决于他们的英语熟练度。

CIEP是一个全日制课程，一年中每个月都有招生。这个10个等级课程，从初级到高级（100-109级），旨在以最快的时间将学生的英语能力提高到UPM要求的标准。要进入UPM课程，学生需要完成CIEP 109级课程。在开始学习ELS课程之前，学生将接受分班测试。以确定最适合他们英语语言能力的CIEP级别。他们将从这个级别开始上英语课，与英语能力相似的同学一起学习，使他们的学习更加有效。

ELS语言中心是一个英语语言培训中心，专门为学生提供准备，以满足大学的英语语言能力要求。ELS是在大学校园内提供英语课程的全球领先供应商。

Applicants who do not meet the English proficiency requirements of their chosen programme at UPM can choose to improve their English at ELS Language Centres, Malaysia. ELS has a branch which is located in the UPM campus and runs the Certified Intensive English Programme (CIEP), which is recognized by the University. Master students who need English enhancement will spend approximately 1 semester in the ELS CIEP, depending on their level of proficiency.

The CIEP is a full-time programme that has an intake every month of the year. This 10-level programme, from Beginner to Advanced (Level 100-109), is designed to improve student's English proficiency to the standard required by UPM in the fastest time possible. To gain admission into the UPM programme, students will need to complete the CIEP Level 109. Prior to beginning at ELS, students will be given a placement test. To determine the CIEP level that best suits their English language capabilities. They will begin their English classes at this level, learning with peers of similar English abilities – making their learning more effective.

ELS Language Centres is an international network of English language training centres that specialize in preparing students to meet the English language proficiency requirements for university. ELS is the leading worldwide provider of English language programmes offered on university campuses.

# 有论文的课程 (研究型)

## Programmes with Thesis (Research)

- 文学硕士 Master of Arts (M.A.)
- 理学硕士 Master of Science (M.S.)
- 兽医科学硕士 Master of Veterinary Science (M.V.Sc.)
- 哲学博士 Doctor of Philosophy (Ph.D.)
- 工程博士 Doctor of Engineering (D.Eng)

### 研究领域 Fields of Study

#### 先进技科技 Advanced Technology

- 先进材料工程  
Advanced Materials Engineering
- 能源工程  
Energy Engineering
- 纳米材料  
Nanomaterials
- 纳米科学  
Nanosciences
- 纳米科技  
Nanotechnology
- 传感器科技工程  
Sensor Technology Engineering
- 智能传感工程  
Smart Sensing Engineering
- 绿色工程  
Green Engineering
- 可持续科技  
Sustainable Technology

#### 农业 Agriculture

- 农业创业学  
Agribusiness
- 农业植物学  
Agricultural Botany
- 农业经济学  
Agriculture Economics
- 农艺学  
Agronomy
- 农业科技  
Agrotechnology
- 动物行为与福利  
Animal Behavior and Welfare
- 动物育种和遗传学  
Animal Breeding and Genetics
- 动物营养  
Animal Nutrition

- 动物生理学  
Animal Physiology
- 动物生产  
Animal Production
- 动物粪便管理  
Animal Waste Management
- 水产养殖和海洋生物科技  
Aquaculture and Marine Biotechnology
- 水产养殖遗传学和繁殖学  
Aquaculture Genetics and Reproduction
- 水产养殖营养  
Aquaculture Nutrition
- 水产养殖生产科技  
Aquaculture Production Technology
- 水生生物学和生态学  
Aquatic Biology and Ecology
- 农作物生产和生理学  
Crop Production and Physiology
- 昆虫学  
Entomology
- 鱼类健康管理  
Fish Health Management
- 遗传学和植物育种  
Genetics and Plant Breeding
- 园艺  
Horticulture
- 土地资源管理  
Land Resource Management
- 肉类科学  
Meat Sciences
- 虫害管理  
Pest Management
- 杀虫剂毒理学  
Pesticide Toxicology
- 植物病理学  
Plant Pathology
- 种植园管理科学  
Plantation Management Science
- 精准农业  
Precision Agriculture
- 种子科学与科技  
Seed Science and Technology
- 土壤保护和水管理  
Soil Conservation and Water Management

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- 土壤肥力和植物营养  
Soil Fertility and Plant Nutrition
- 土壤科学  
Soil Science
- 脊椎动物害虫  
Vertebrate Pest
- 杂草科学  
Weed Science

#### **农业和食品政策研究**

#### **Agricultural and Food Policy Studies**

- 农业发展政策  
Agricultural Development Policy
- 自然资源开发政策  
Natural resource Development Policy

#### **农业与食品科学 (沙撈越州賓杜里校区)**

#### **Agriculture and Food Sciences (Bintuli, Sarawak Campus)**

- 农业创业学  
Agribusiness
- 农业植物学  
Agricultural Botany
- 农业经济学  
Agricultural Economics
- 农艺学  
Agronomy
- 农业科技  
Agrotechnology
- 分析化学  
Analytical Chemistry
- 动物生产  
Animal Production
- 水产养殖  
Aquaculture
- 水生生物学  
Aquatic Biology
- 生物化学  
Biochemistry
- 化学  
Chemistry
- 昆虫学  
Entomology
- 环境化学  
Environmental Chemistry
- 森林生态学  
Forest Ecology
- 森林复原  
Forest Rehabilitation
- 林业  
Forestry
- 园艺  
Horticulture
- 土地资源管理  
Land Resource management
- 海洋生态学和生物学  
Marine Ecology and Biology

- 微生物科技  
Microbial Biotechnology
- 微生物学  
Microbiology
- 公园和娱乐管理  
Parks and Recreation Management
- 植物生物科技  
Plant Biotechnology
- 植物病理学  
Plant Pathology
- 木材科学与科技  
Wood Science and Technology

#### **生物科学**

#### **Bioscience**

- 应用微生物学  
Applied Microbiology
- 水生生物科技  
Aquatic Biotechnology
- 生物信息学  
Bioinformatics
- 生物工艺工程  
Bioprocess Engineering
- 生物治疗学  
Biotherapeutics
- 细胞生物学  
Cell Biology
- 沿海地区管理  
Coastal Zone Management
- 诊断学  
Diagnostics
- 酶科技  
Enzyme Technology
- 发酵科技  
Fermentation Technology
- 遗传多样性  
Genetic Diversity
- 基因组学-蛋白质组学  
Genomics- Proteomics
- 免疫学  
Immunology
- 海洋生态学和生物多样性  
Marine Ecology and Biodiversity
- 医学生物科技  
Medical Biotechnology
- 药用化学  
Medicinal Chemistry
- 分子生物科技  
Molecular Biotechnology
- 肿瘤学  
Oncology
- 药理学  
Pharmacology
- 植物化学  
Phytochemistry
- 植物代谢物工程  
Plant Metabolite Engineering

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- 蛋白质工程  
Protein Engineering
- 毒理学  
Toxicology
- 疫苗科技  
Vaccine Technology

### **生物科技和生物分子科学** **Biotechnology and Biomolecular Sciences**

- 动物细胞生物科技  
Animal Cell Biotechnology
- 生物化学  
Biochemistry
- 生物信息学和系统生物学  
Bioinformatics and Systems Biology
- 环境生物科技  
Environmental Biotechnology
- 食品和酶的生物科技  
Food and Enzyme Biotechnology
- 遗传工程和分子生物学  
Genetic Engineering and Molecular Biology
- 工业生物科技  
Industrial Biotechnology
- 微生物科技  
Microbial Biotechnology
- 微生物学  
Microbiology
- 纳米生物科技  
Nanobiotechnology
- 植物生物科技  
Plant Biotechnology
- 结构生物学  
Structural Biology

### **计算机科学和信息科技** **Computer Science and Information Technology**

- 计算机图形学  
Computer Graphics
- 计算机网络  
Computer Networks
- 计算机视觉  
Computer Vision
- 数据库系统  
Database Systems
- 信息检索  
Information Retrieval
- 信息系统  
Information Systems
- 智能计算  
Intelligent Computing
- 知识管理  
Knowledge Management
- 多媒体信息检索  
Multimedia Information Retrieval

- 多媒体系统  
Multimedia System
- 平行和分布式计算  
Parallel and Distributed Computing
- 编程语言和系统  
Programming Languages and Systems
- 计算机中的安全问题  
Security in Computing
- 软件工程  
Software Engineering

### **设计和建筑** **Design and Architecture**

- 建筑研究  
Architectural Studies
- 综合设计研究  
Integrated design Studies
- 景观研究  
Landscape Studies
- 城市规划与设计  
Urban Planning and Design

### **经济学和管理学** **Economics and Management**

- 商业经济学  
Business Economics
- 经济学  
Economics
- 宾馆  
Hospitality
- 旅游业  
Tourism

### **教育研究** **Educational Studies**

- 课程和教学  
Curriculum and Instruction
- 教育管理  
Educational Administration
- 教育心理学  
Educational Psychology
- 教育科技  
Educational Technology
- 推广教育  
Extension Education
- 指导和咨询  
Guidance and Counselling
- 人力资源开发  
Human Resource Development
- 道德教育  
Moral Education
- 体育教育  
Physical Education

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- 教育社会学  
Sociology of Education
- 体育科学  
Sports Science
- 英语作为第二语言的教学  
Teaching of English as a Second Language
- 马来语作为第一语言的教学  
Teaching of Malay as First Language
- 马来文学教学  
Teaching of Malay Literature
- 科技和职业教育  
Technical and Vocational Education

## **工程学 Engineering**

- 航空航天工程  
Aerospace Engineering
- 农业机械化和自动化  
Agricultural Mechanisation and Automation
- 农业流程工程  
Agricultural Process Engineering
- 农业机器人工程  
Agricultural Robotics Engineering
- 农业废弃物工程  
Agricultural Waste Engineering
- 汽车工程  
Automotive Engineering
- 生物化学工程  
Biochemical Engineering
- 生物医学工程  
Biomedical Engineering
- 生物工艺工程  
Bioprocess Engineering
- 化学工程  
Chemical Engineering
- 通信和网络工程  
Communications and Network Engineering
- 工程计算方法  
Computational Methods in Engineering
- 计算机和嵌入式系统工程  
Computer and Embedded Systems Engineering
- 计算机集成制造  
Computer Integrated Manufacturing
- 控制和自动化工程  
Control and Automation Engineering
- 电力工程  
Electrical Power Engineering
- 环境工程  
Environmental Engineering
- 农场结构  
Farm Structures
- 食品工程  
Food Engineering
- 岩土工程和地质工程  
Geotechnical and Geological Engineering

- 地理信息系统和地学工程  
GIS and Geomatic Engineering
- 公路和运输工程  
Highway and Transportation Engineering
- 工业工程  
Industrial Engineering
- 智能系统工程  
Intelligent Systems Engineering
- 灌溉和排水工程  
Irrigation and Drainage Engineering
- 制造系统工程  
Manufacturing Systems Engineering
- 材料科学与工程  
Materials Science and Engineering
- 材料工程  
Materials Engineering
- 多媒体系统工程  
Multimedia Systems Engineering
- 包装工程  
Packaging Engineering
- 光子学和光纤系统工程  
Photonics and Fibre Optic Systems Engineering
- 收获后工程  
Post Harvest Engineering
- 精耕细作工程  
Precision Farming Engineering
- 流程工程  
Process Engineering
- 项目管理  
Project Management
- 遥感  
Remote Sensing
- 安全和应急管理  
Safety and Emergency Management
- 安全、健康和环境  
Safety, Health and Environment
- 卫生和环境工程  
Sanitary and Environmental Engineering
- 土壤和水工程  
Soil and Water Engineering
- 智能科技和机器人工程  
Smart Technology and Robotics Engineering
- 空间信息工程  
Spatial Information Engineering
- 结构工程  
Structural Engineering
- 水资源工程  
Water Resources Engineering
- 无线通信工程  
Wireless Communications Engineering

## **环境研究 Environmental Studies**

- 环境分析和建模  
Environmental Analysis and Modelling

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- 环境经济学  
Environmental Economics
- 环境教育  
Environmental Education
- 环境伦理  
Environmental Ethics
- 环境水文学和水文地质学  
Environmental Hydrology and Hydrogeology
- 环境规划与管理  
Environmental Planning and Management
- 环境政策和治理  
Environmental Policy and Governance
- 环境污染控制科技  
Environmental Pollution Control Technology
- 环境质量和保护  
Environmental Quality and Conservation
- 环境系统和流程  
Environmental Systems and Process
- 海洋和淡水生态系统  
Marine and Fresh Water Ecosystem

### 食品科学与科技

#### Food Science and Technology

- 食品生物科技  
Food Biotechnology
- 食品管理  
vFood Management
- 食品安全  
Food Safety
- 食品科学  
Food Science
- 食品服务  
Food Service
- 食品科技  
Food Technology

### 林业

#### Forestry

- 森林生物科技  
Forest Biotechnology
- 森林植物学  
Forest Botany
- 森林经济学和政策  
Forest Economics and Policy
- 森林工程和运营  
Forest Engineering and Operation
- 森林管理和保护  
Forest Management and Conservation
- 森林造林学  
Forest Silviculture
- 休闲和生态旅游服务  
Recreation and Ecotourism Services
- 休闲资源管理  
Recreation Resources Management
- 城市林业  
Urban Forestry

- 野生动物生态与管理  
Wildlife Ecology and Management
- 木质复合材料科技  
Wood Composite Technology
- 木材工业管理  
Wood Industry Management
- 木材科学与科技  
Wood Science and Technology

### 老年学

#### Gerontology

- 老年科技  
Gerontechnology
- 老年学  
Gerontology
- 社会老年学  
Social Gerontology

### 清真产品研究

#### Halal Products Research

- 清真产品科学  
Halal Products Science
- 清真产品的开发  
Halal Products Development
- 清真产品管理  
Halal Products Management
- 伊斯兰教法和清真教法  
Shariah and Halal Laws

### 人类生态学

#### Human Ecology

- 社区发展  
Community Development
- 消费者科学  
Consumer Science
- 发展心理学  
Developmental Psychology
- 家庭生态学  
Family Ecology
- 家庭经济和管理  
Family Economics and Management
- 性别与发展  
Gender and Development
- 住房  
Housing
- 人类发展  
Human Development
- 音乐  
Music
- 哲学和文明研究  
Philosophy and Civilisation Studies
- 政治和政府  
Politics and Government
- 儿童发展心理学  
Psychology of Child Development

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- 社会心理学  
Social Psychology

## 数学研究

### Mathematical Research

- 数论中的分析方法  
Analytic Method in Number Theory
- 图形的色度  
Chromaticity of Graphs
- 计算和数学生物学  
Computational and Mathematical Biology
- 计算数学  
Computational Mathematics
- 计算统计和推理  
Computational Statistics and Inference
- 计算机辅助指令和知识管理  
Computer-aided Instructions and Knowledge Management
- 流体动力学  
Fluid Dynamics
- 高性能计算和分布式计算  
High Performance Computing and Distributed Computing
- 数学的教学设计和科技  
Instructional Design and Technology in Mathematics
- 数学密码学  
Mathematical Cryptography
- 网络理论与应用  
Network Theory and Application
- 数学教育中的教学法  
Pedagogy in Mathematics Education
- 数学哲学和民族数学  
Philosophy of Mathematics and Ethnomathematics
- 数学教与学的心理学  
Psychology of Teaching and Learning Mathematics
- 量子信息科学  
Quantum Information Science
- 可靠性分析  
Reliability Analysis
- 科学计算和应用  
Scientific Computing and Applications
- 统计建模和预测  
Statistical Modelling and Forecasting
- 矩阵的结构理论  
Structural Theory of Algebras
- 波浪传播  
Wave Propagation

## 现代语言和交流

### Modern Languages and Communication

- 应用比较语言学  
Applied Comparative Linguistics

- 阿拉伯语  
Arabic Language
- 中国文学  
Chinese Literature
- 通信科技(仅限硕士)  
Communication Technology(Master only)
- 文化和文学研究  
Cultural and Literary Studies
- 发展交流 (仅限硕士)  
Development Communication (Master only)
- 话语研究  
Discourse Studies
- 英语  
English Language
- 英国文学  
English Literature
- 人类交流  
Human Communication
- 新闻学(仅限硕士)  
Journalism (Master only)
- 识字研究  
Literacy Studies
- 马来语  
Malay Language
- 马来文学  
Malay Literature
- 大众传播 (仅限博士生)  
Mass Communication (PhD only)
- 组织沟通 (仅限硕士)  
Organisational Communication (Master only)
- 笔译和口译  
Translation and Interpretation

## 医学和健康科学

### Medicine and Health Sciences

- 解剖学  
Anatomy
- 化学病理学  
Chemical Pathology
- 临床营养学  
Clinical Nutrition
- 社区健康  
Community Health
- 社区营养  
Community Nutrition
- 环境卫生  
Environmental Health
- 环境医学  
Environmental Medicine
- 流行病学和生物统计学  
Epidemiology and Biostatistics
- 家庭健康  
Family Health
- 法证科学  
Forensic Science
- 遗传学  
Genetics

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- 健康促进  
Health Promotion
- 卫生服务管理  
Health Service Management
- 血液学  
Haematology
- 人体解剖学  
Human Anatomy
- 人类遗传学  
Human Genetics
- 免疫生物学  
Immunobiology
- 免疫药理学  
Immunopharmacology
- 医学微生物学  
Medical Microbiology
- 医学寄生虫学  
Medical Parasitology
- 分子生物学  
Molecular Biology
- 分子医学  
Molecular Medicine
- 神经科学  
Neuroscience
- 营养生物化学  
Nutritional Biochemistry
- 营养科学  
Nutritional Sciences
- 职业健康和安全  
Occupational Health and Safety
- 职业医学  
Occupational Medicine
- 医药微生物学  
Pharmaceutical Microbiology
- 药理学和毒理学  
Pharmacology and Toxicology
- 生理学  
Physiology
- 心理医学  
Psychological Medicine
- 放射科  
Radiology
- 干细胞  
Stem Cell

## 理学 Science

- 代数  
Algebra
- 分析化学  
Analytical Chemistry
- 应用数学  
Applied Mathematics
- 应用光学  
Applied Optics
- 应用辐射  
Applied Radiation

- 生物多样性和自然保护  
Biodiversity and Conservation of Natural
- 资源  
Resources
- 生物统计学  
Biostatistics
- 催化作用  
Catalysis
- 分类分析  
Categorical analysis
- 胶体化学  
Colloid Chemistry
- 通信物理学  
Communication Physics
- 计算和理论化学  
Computational and Theoretical Chemistry
- 电介质科学  
Dielectrics Science
- 分布理论  
Distribution Theory
- 生态毒物学  
Ecotoxicology
- 电化学  
Electrochemistry
- 环境生物学  
Environmental Biology
- 环境化学  
Environmental Chemistry
- 实验设计  
Experimental Designs
- 职能分析  
Functional Analysis
- 图形理论  
Graph Theory
- 数学的历史  
History of Mathematics
- 推理和诊断  
Inference and Diagnostics
- 磁性材料  
Magnetic Materials
- 材料化学  
Materials Chemistry
- 材料科学  
Materials Science
- 数理统计  
Mathematical Statistics
- 微波炉  
Microwaves
- 多变量分析  
Multivariate Analysis
- 真菌学和植物病理学  
Mycology and Plant Pathology
- 纳米科学  
Nanosciences
- 天然产品化学  
Natural Products Chemistry
- 数论和密码学  
Number Theory and Cryptography

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- 数值分析  
Numerical Analysis
- 石油化学  
Oleochemistry
- 运营研究  
Operations Research
- 植物和动物遗传学  
Plant and Animal Genetics
- 植物和动物生理学  
Plant and Animal Physiology
- 高分子化学  
Polymer Chemistry
- 纯粹数学  
Pure Mathematics
- 量子科学与科技  
Quantum Science and Technology
- 稳健的统计学  
Robust Statistics
- 传感器和仪表  
Sensors and Instrumentation
- 太阳能  
Solar Energy
- 稳定性和优化  
Stability and Optimisation
- 随机应变过程  
Stochastics Process
- 超导体  
Superconductors
- 存活率分析  
Survival Analysis
- 综合性  
Synthesis
- 理论物理学  
Theoretical Physics
- 时间序列和空间分析  
Time Series and Spatial Analysis
- 超音波科技  
Ultrasonics

### 社会科学研究

#### Social Science Studies

- 社区教育和发展  
Community Education and Development
- 领导力研究  
Leadership Studies
- 农村进步  
Rural Advancement
- 青年研究  
Youth Studies

### 热带林业和林产品

#### Tropical forestry and Forest Products

- 生物复合材料产品的设计  
Biocomposite Product Design
- 生物复合材料科技  
Biocomposite Technology

- 生物聚合物和衍生物  
Biopolymer and Derivatives
- 生物资源管理  
Bioresource Management
- 生物资源评估  
Bioresources Valuation
- 保护和森林树冠管理  
Conservation and Forest Canopy Management
- 森林扰动影响评估  
Forest Disturbance Impact Evaluation
- 自然旅游  
Nature Tourism
- 纸浆和造纸科技  
Pulp and Paper Technology
- 生物复合材料的科技经济性  
Techno Economic in Biocomposite

### 热带农业

#### Tropical Agriculture

- 农艺学  
Agronomy
- 农业科技  
Agrotechnology
- 动物生物科技  
Animal Biotechnology
- 动物细胞生物科技  
Animal Cell Biotechnology
- 动物饲料科技  
Animal Feed Technology
- 动物生产  
Animal Production
- 动物生产综合系统  
Animal Production Integrated System
- 生物信息学和系统生物学  
Bioinformatics and Systems Biology
- 生物密集型害虫管理  
Biointensive Pest Management
- 昆虫学  
Entomology
- 环境植物生理学  
Environmental Plant Physiology
- 遗传学工程和分子生物学  
Genetics Engineering and Molecular Biology
- 遗传学和动物育种  
Genetics and Animal Breeding
- 遗传学和育种  
Genetics and Breeding
- 基因组学 蛋白质组学  
Genomics Proteomics
- 园艺学  
Horticulture
- 土地资源管理  
Land Resource Management
- 微生物科技  
Microbial Biotechnology

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#### 放射学\*

- 分子生物学  
Molecular Biology
- 分子生物科技  
Molecular Biotechnology
- 植物生物科技  
Plant Biotechnology
- 植物代谢物工程  
Plant metabolite Engineering
- 植物病理学  
Plant Pathology
- 植物生理学  
Plant Physiology
- 收割后科技  
Post- Harvest Technology
- 土壤肥力和植物营养  
Soil Fertility and Plant Nutrition
- 转基因科技  
Transgenic Technology

#### 兽医学

##### **Veterinary Medicine**

- 麻醉学\*  
Anaesthesiology\*
- 解剖学  
Anatomy
- 水生动物健康  
Aquatic Animal Health
- 禽类医学 \*  
Avian Medicine\*
- 细菌学  
Bacteriology
- 流行病学  
Epidemiology
- 马医学\*  
Equine Medicine\*
- 血液学和临床病理学  
Haematology and Clinical Pathology
- 组织学  
Histology
- 免疫学  
Immunology
- 实验动物医学 \*  
Laboratory Animal Medicine\*
- 分子生物学  
Molecular Biology
- 寄生虫学  
Parasitology
- 病理学  
Pathology
- 药理学  
Pharmacology
- 公共卫生  
Public Health
- 放射学\*  
Radiology\*
- 反刍动物医学\*  
Ruminant Medicine\*

#### - 小动物医学 \*

- Small Animal Medicine\*
- 手术\*  
Surgery\*
- 母系遗传学和细胞遗传学  
Theriogenology and Cytogenetics
- 毒理学  
Toxicology
- 病毒学  
Virology
- 野生动物医学  
Wildlife Medicine

\*收费标准与医学领域的研究相当

\*fee rate is equivalent to that of the medical field of study

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# 无需论文的课程 (授课型)

## Programmes without Thesis (Coursework)

### 研究领域 Fields of Study

#### 农业 Agriculture

- 种植业管理硕士  
Master of Plantation Management
- 土地资源管理硕士  
Master of Land resource Management

#### 计算机科学和信息科技 Computer Science and Information Technology

- 计算机科学硕士  
Master of Computer Science

#### 设计和建筑 Design and Architecture

- 景观建筑硕士  
Master of Landscape Architecture  
(\*只在第二学期入学 Second Semester intake Only)

#### 经济学和管理学 Economics and Management

- 经济学硕士  
Master of Economics

#### 教育研究 Educational Studies

- 硕士教育  
Master Education

#### 课程和教学

Curriculum and Instruction

#### 教育管理

Educational Administration

#### 教育心理学

Educational Psychology

#### 教育科技

Educational Technology

#### 指导和咨询

Guidance and Counselling

(\*仅限第一学期入学 First Semester intake Only)

#### 体育教育

Physical Education

#### 运动科学

Sport Science

#### 英语作为第二语言的教学

Teaching of English as a Second Language

(\*只在第一学期入学 First Semester intake Only)

#### 马来语作为第一语言的教学

Teaching of Malay as First Language

#### 科技和职业教育

Technical and Vocational Education

- 人力资源开发硕士  
Master of Human Resource Development

#### 工程学 Engineering

- 工程管理硕士  
Master of Engineering Management
- 环境工程硕士  
Master of Environmental Engineering
- 环境科技管理硕士  
Master of Environmental Technology Management
- 公路与交通工程硕士  
Master of Highway and Transportation Engineering
- 创新与工程设计硕士  
Master of Innovation and Engineering Design
- 制造系统工程硕士  
Master of Manufacturing Systems Engineering
- 工艺安全和损失预防硕士  
Master of Process Safety and Loss Prevention
- 遥感和地理信息系统硕士  
Master of Remote Sensing and GIS
- 结构工程和建筑硕士  
Master Structural Engineering and Constructions
- 水利工程硕士  
Master of Water Engineering
- 掌握水资源管理  
Master Water Management
- 应急反应和规划硕士  
Master of Emergency Response and Planning

#### 环境研究 Environmental Studies

- 环境学硕士  
Master of Environment

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## **食品科学与科技** **Food Science and Technology**

- 食品科技硕士  
Master of Food Technology

## **医学和健康科学** **Medicine and Health Sciences**

- 病理学硕士（无学分费）  
(入学申请由马来西亚卫生部处理)  
Master of Pathology (Without Credit Fee)  
(Application for admission is handled by the Ministry of Health Malaysia)
- 医学硕士（家庭医学）（无学分费）  
(入学申请由马来西亚卫生部负责)  
Master of Medicine (Family Medicine)  
(Without Credit Fee) (Application for Admission is handled by the Ministry of Health Malaysia)
- 医学硕士（儿科）（无学分费）  
Master of Medicine (Paediatrics)  
(Without Credit Fee)
- 医学硕士（精神病学）（无学分费）  
Master of Medicine (Psychiatry)  
(Without Credit Fee)
- 公共卫生硕士（无学分费）  
Master of Public Health (Without Credit Fee)

## **现代语言和交流** **Modern languages and Communication**

- 应用语言学硕士  
Master of Applied Linguistics
- 创业学传播学硕士  
Master of Corporate Communication
- 创业学传播学硕士  
Master of Corporate Communication
- 马来语硕士  
Master of Malay Language
- 马来文学硕士  
Master of Malay Literature
- 世界文学硕士  
Master of World Literature

## **理学** **Science**

- 应用统计学硕士  
Master of Applied Statistics

## **兽医学** **Veterinary Medicine**

- 兽医学硕士（无学分费）  
Master of Veterinary Medicine  
(Without Credit Fee)

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# 费用表 Fee Schedule

## 无毕业论文的课程（含和不含学分费） Programmes without Thesis (With & Without Credit Fees)

| 硕士课程 (含学分费)                                                                                                         | 学费 ( 马币 ) |              |          |              |
|---------------------------------------------------------------------------------------------------------------------|-----------|--------------|----------|--------------|
|                                                                                                                     | 第一学期      | 第二与接<br>下来学期 | 最终学期     | 每学分的<br>附加费用 |
| 理科 Science                                                                                                          |           |              |          |              |
| 种植业管理硕士<br>Master of Plantation Management                                                                          | 2,200.00  | 1,950.00     | 1,950.00 | 700          |
| 土地资源管理硕士<br>Master of Land Resource Management                                                                      | 2,200.00  | 1,950.00     | 1,950.00 | 700          |
| 计算机科学硕士<br>Master of Computer Science                                                                               | 2,200.00  | 1,950.00     | 1,950.00 | 400          |
| 景观建筑硕士<br>Master of Landscape Architecture                                                                          | 2,200.00  | 1,950.00     | 1,950.00 | 350          |
| 工程学院的所有无论文硕士课程<br>All Masters Programmes Without Thesis at the<br>Faculty of Engineering                            | 2,200.00  | 1,950.00     | 1,950.00 | 350          |
| 环境学硕士<br>Master of Environment                                                                                      | 2,350.00  | 2,050.00     | 2,050.00 | 400          |
| 应用统计学硕士<br>Master of Applied Statistics                                                                             | 2,200.00  | 1,950.00     | 1,950.00 | 400          |
| 食品科技硕士<br>Master of Food Technology                                                                                 | 2,200.00  | 1,950.00     | 1,950.00 | 500          |
| 社会科学 Social Science                                                                                                 |           |              |          |              |
| 经济学硕士<br>Master of Economics                                                                                        | 2,200.00  | 1,950.00     | 1,950.00 | 400          |
| 教育研究学院所有无论文的硕士课程<br>All Master Programmes Without Thesis at the<br>Faculty of Educational Studies                   | 2,200.00  | 1,950.00     | 1,950.00 | 350          |
| 现代语言与传播学院的所有无论文硕士课程<br>All Master Programmes Without Thesis at the<br>Faculty of Modern Languages and Communication | 2,200.00  | 1,950.00     | 1,950.00 | 350          |
| 硕士课程 (含学分费)                                                                                                         | 学费 ( 马币 ) |              |          |              |
|                                                                                                                     | 第一学期      | 第二与接<br>下来学期 | 最终学期     |              |
| 医学 Medical                                                                                                          |           |              |          |              |
| 病理学硕士<br>Master of Pathology                                                                                        |           | 2,900.00     | 2,650.00 | 2,650.00     |
| 医学硕士(家庭医学)<br>Master of Medicine (Family Medicine)                                                                  |           | 2,900.00     | 2,650.00 | 2,650.00     |
| 医学硕士(儿科)<br>Master of Medicine (Paediatrics)                                                                        |           | 2,900.00     | 2,650.00 | 2,650.00     |
| 医学硕士 ( 精神病学 )<br>Master of Medicine (Psychiatry)                                                                    |           | 2,900.00     | 2,650.00 | 2,650.00     |
| 公共卫生硕士<br>Master of Public Health                                                                                   |           | 2,900.00     | 2,650.00 | 2,650.00     |
| 兽医学硕士<br>Master of Veterinary Medicine                                                                              |           | 2,900.00     | 2,650.00 | 2,650.00     |

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## 有论文的课程 Programmes with Thesis

| 硕士课程 (含学分费)            | 学费 (马币)  |             |             |              |
|------------------------|----------|-------------|-------------|--------------|
|                        | 第一学期     | 第二与<br>第三学期 | 第四学期        | 第五与接<br>下来学期 |
| <b>硕士 Master</b>       |          |             |             |              |
| 医学<br>Medical          | 7,000.00 | 4,100.00    | 3,600.00    | 4,350.00     |
| 科学<br>Science          | 6,500.00 | 4,250.00    | 3,750.00    | 4,000.00     |
| 社会科学<br>Social Science | 5,750.00 | 3,850.00    | 3,350.00    | 3,600.00     |
| 硕士课程 (含学分费)            | 学费 (马币)  |             |             |              |
|                        | 第一学期     | 第二至<br>第四学期 | 第五与<br>第六学期 | 第七与<br>接下来学期 |
| <b>博士 Ph.D</b>         |          |             |             |              |
| 医学<br>Medical          | 8,762.50 | 5,562.00    | 5,000.00    | 5,500.00     |
| 科学<br>Science          | 7,112.50 | 5,9162.50   | 4,600.00    | 5,100.00     |
| 社会科学<br>Social Science | 5,762.50 | 4,012.50    | 3,450.00    | 3,800.00     |



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