

福州大学梅努斯国际工程学院

Maynooth International Engineering College Fuzhou University

2023招生手册

2023 Recruitment Handbook



学院简介

miec.fzu.edu.cn

福州大学梅努斯国际工程学院(MIEC)是经中华人民共和国教育部批准,由福州大学与爱尔兰国立梅努斯大学合作成立,福建省首家“双注册学籍、双授学士学位、4+0培养模式”的中外合作办学机构(中外合作办学许可证编号: MOE35IEA02DNR0181907N),是福州大学直属二级学院(非独立学院,不具有法人资格)。

学院自2019年起面向全国招生,学制四年,录取批次为本科一批(在本科一、二批合并省份列入本科批次招生,单列招生代码:中外合作办学,中爱),纳入福州大学招生计划内统筹安排。学院现开设自动化(Robotics and Intelligent Devices)、软件工程(Computer Science and Software Engineering)数字媒体技术(Multimedia, Mobile and Web Development)、电子信息工程(Electronic Engineering)四个本科专业,每年招生300人,入学就读期间不允许申请专业调整。合格毕业生可同时获得福州大学毕业证书、学士学位证书和爱尔兰国立梅努斯大学学士学位证书。

学院致力于依托福州大学优势,进一步引进爱尔兰国立梅努斯大学优质资源,为学生提供高品质、国际化的高等教育服务,培养符合中国现代化产业发展需求,具有国际视野的高素质人才。

福州大学简介

www.fzu.edu.cn

福州大学是国家“双一流”建设高校、国家“211工程”重点建设大学、福建省人民政府与国家教育部共建高校。学校创建于1958年,现已发展成为一所以工为主、理工结合,理、工、经、管、文、法、艺等多学科协调发展的重点大学。

学校设有27个学院(含1个独立学院和1个中外合作办学学院),现有在校普通本科学生39725人,其中,至诚学院学生13621人;各类博、硕士研究生16201人。学校现设90个本科专业;39个一级学科硕士点、22个硕士专业学位授权点;14个一级学科博士点,2个博士专业学位授权点,10个博士后科研流动站。学校拥有1个国家重点学科、1个国家重点(培育)学科,化学学科再次入选世界一流学科建设名单。8个学科进入ESI学科全球排名前1%,其中化学学科进入ESI学科全球排名前1%。学校综合实力在“2022软科世界大学学术排名”位居全球第363名,内地高校53名;在USNews2023世界大学排行榜位居全球第531名,内地高校第52名;在2023泰晤士高等教育世界大学排名位居全球第801-1000名,内地高校并列52名;在2023QS亚洲大学排名位居第261-270名,内地高校并列58名。



About MIEC

miec.fzu.edu.cn

Approved by the Ministry of Education of the People's Republic of China (License No. MOE35IEA02DNR0181907N), Maynooth International Engineering College, Fuzhou University (MIEC), is a joint college of Fuzhou University and Maynooth University, Ireland. MIEC is the first international cooperative education institution in Fujian province and is directly affiliated to Fuzhou University as a non-independent college.

MIEC has been enrolling students nationwide since 2019 for four-year undergraduate programmes. MIEC's plan to recruit 300 students under the first tier is part of the overall recruitment plan of Fuzhou University. The four programmes offered by MIEC: (a) Robotics and Intelligent Devices, (b) Computer Science and Software Engineering, (c) Multimedia, Mobile and Web Development and (d) Electronic Engineering. Changing your programme after admission is not permitted. MIEC graduates are awarded two bachelor's degrees - one from Fuzhou University and one from Maynooth University.

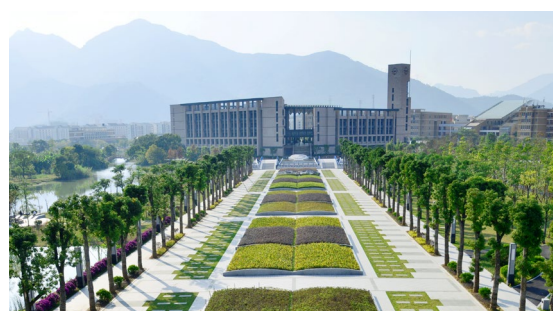
MIEC is committed to providing high-quality educational resources from Maynooth University, supported by the academic excellence of Fuzhou University and to give students a superior international higher education experience. MIEC students will gain an invaluable international perspective to help them to address the needs of the rapidly changing modern Chinese society.

About FZU

www.fzu.edu.cn

Founded in 1958, Fuzhou University (FZU) is one of the national key universities selected as part of the "211 Project" by the Fujian Provincial Government and the Chinese Ministry of Education. It is a Double First Class Discipline University, with Double First Class status in a number of disciplines. The university has developed into a leading national university with a focus on engineering and science while also offering programmes in economics, management, literature, law and the arts.

The university consists of 27 colleges, including 1 independent college and 1 Chinese-foreign joint college. There are 39,725 undergraduate students in the university, among which 13,621 are students of Zhicheng College. There are 16,201 postgraduate students of diverse disciplines. The university now offers 90 undergraduate programmes, 39 first-level master programmes, 22 professional master programmes, 14 first-level doctoral programmes, 2 doctoral programmes, and 10 post-doctoral research centres. Nationally, the university leads in one key discipline and one key (training) discipline. Once more, the Chemistry discipline has been included in the list of world-class disciplines. Eight disciplines are ranked in the top 1% of ESI disciplines worldwide, including Chemistry. The university ranks 363rd in the world and 53rd in mainland China in the "2022 Academic Ranking of World Universities", whereas it ranks 531st in the world and 52nd in the mainland in the US News 2023 World University Rankings. In the 2023 Times Higher Education World University Rankings, it ranks 801-1000 in the world and 52nd among the mainland universities. Its ranking is 261-270 in the 2023 QS Asia University Rankings and is placed 58th among the mainland universities.



爱尔兰 国立梅努斯大学简介

www.maynoothuniversity.ie

爱尔兰国立梅努斯大学(National University of Ireland, Maynooth)系爱尔兰国立大学的成员大学之一，前身是建立于1795年的圣帕特瑞克学院，是仅次于三一学院的爱尔兰最古老的著名大学，在1997年改制成为综合国立性大学。

目前有在校学生15770人，其中本科13400名，硕士、博士研究生2370名。爱尔兰国立梅努斯大学在英语文学以及地理专业世界排名前150；下属12所国家级别的研究所，曾出过2位诺贝尔奖主。



—排名—

#2022

泰晤士高等教育
年轻大学
爱尔兰排名第1名

#2022

泰晤士高等教育
影响力排行榜
*优质教育和减少不
平等 200 名
*性别平等第 69 名

#2022

泰晤士高等教育
世界大学排名 401-500

#2021

Study Portals
国际学生满意度调查
爱尔兰排名第 1 名
*专家讲师、优秀教师
*学习支持、绩效反馈

#2017

《普林斯顿评论》
“最佳381所局校”

About MU

www.maynoothuniversity.ie

The National University of Ireland, Maynooth, more commonly known as Maynooth University (MU), was established as an autonomous university in 1997. Yet, it traces its origins to the foundation of the Royal College of St. Patrick in 1795, making it Ireland's youngest university and one of its oldest educational institutions.

There are currently 15,770 enrolled students, including 13,400 undergraduates and 2,370 master's and doctoral students. Maynooth University is ranked among the top 150 in the discipline of English literature and geography; it has 12 national-level research institutes and has two Nobel Prize winners.



Rankings

#2022

**Times Higher Education
Young Universities**
No. 1 in Ireland

#2022

**Times Higher Education
Impact Rankings** Top
200 in Quality Education
and Reducing Inequalities
69th in Gender Equality

#2022

**Times Higher Education
World University
Rankings** 401-500

#2021

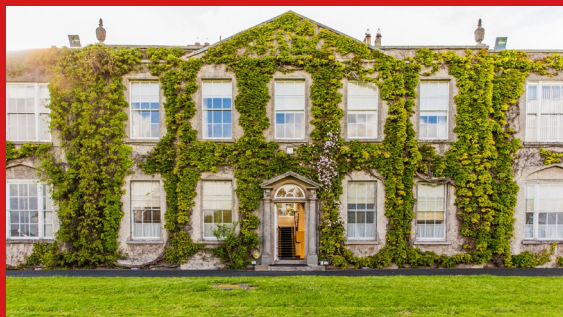
**Study Portals
International Student
Satisfaction Survey**

1st in Ireland for

- * Expert Lecturers
- * Good Teachers
- * Learning Support
- * Performance Feedback

#2017

“Princeton Review”
“Best 381 Universities”



学生

54%女生 45%男生
1%其他

85%本科生
15%硕士、博士研究生

90%全日制学生
10%非全日制学生

630名教职人员



图书馆馆藏

34万多份出版物，并89万份可网上查阅，
9.5万份全文期刊。

15770 = 学生总人数

13400名本科生
2370名硕士、
博士研究生
3600名国际学生



科研与创新

2021/2022年度研究和合约组合投资达到5700万欧元

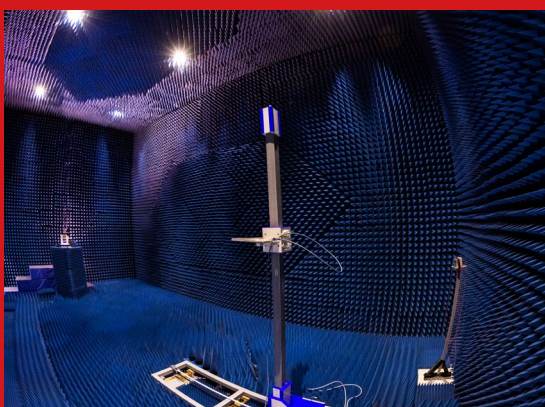
自2015年 154 个工商界合作伙伴

33个博士课程

21个高科技孵化公司

2022年来26项专利申请

2位诺贝尔获奖者



Maynooth University in numbers

Maynooth International Engineering College,
Fuzhou University 2023



Student Demographics

54% Female
45% Male
1% Other

85% Undergraduate
15% Postgraduate

90% Full-Time
10% Part-Time

630 Academic Staff



Library Collection

The university library houses over 340,000 print publications and over 890,000 ebooks, and offers full online access to 95,000 ejournals.

**15,770 Total
Student Headcount**

13,400
Undergraduate
Students

2,370
Postgraduate Students

3,600
International students



Scientific Research and Innovation

€57 million in research grants in 2021/2022

154 industry partnerships since 2015

33 PhD programmes

21 high-tech spin out companies since 2005

26 patent applications since 2022

2 Nobel prize laureates

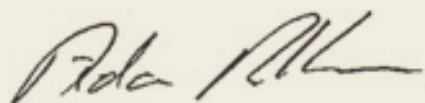
Welcome from Deputy President of Maynooth University

It is my honour and privilege to invite you to take part in a unique educational experience. Maynooth University combines a 250 year history with being located at the heart of ICT in Europe. Ireland is a rapidly changing country with technology and innovation as one of our strengths - with most of the top global technology companies based here, including Huawei, Microsoft, Apple, Intel, IBM, Ericsson, Meta and Google.

Ireland is known for its international outlook and Maynooth University brings that into our partnership with Fuzhou University in the form of the Maynooth International Engineering College (MIEC). We believe that creating the technology of the future is best achieved through the mutual understanding and international collaboration afforded by high-quality educational partnerships. Together with the excellence of Fuzhou University, the MIEC will provide its students with an experience that is representative of the best of European education.

I hope you accept our invitation and join us in this educational and cultural adventure.

Yours,



Professor Aidan Mulkeen
Deputy President, Maynooth University





培养目标

本专业通过实施国际合作的培养方案和教学模式，培养学生掌握电子信息工程领域的基础理论和专业知识，具备一定系统分析并解决复杂工程问题的能力，具有良好的项目执行，团队协作和组织管理能力。

专业核心课程

固态电子学、电子工程基础、信号与系统、信号处理导论、面向对象的编程、嵌入式实时系统、计算机通信网络。调制与编制技术，射频电路与系统、无线数字通信。

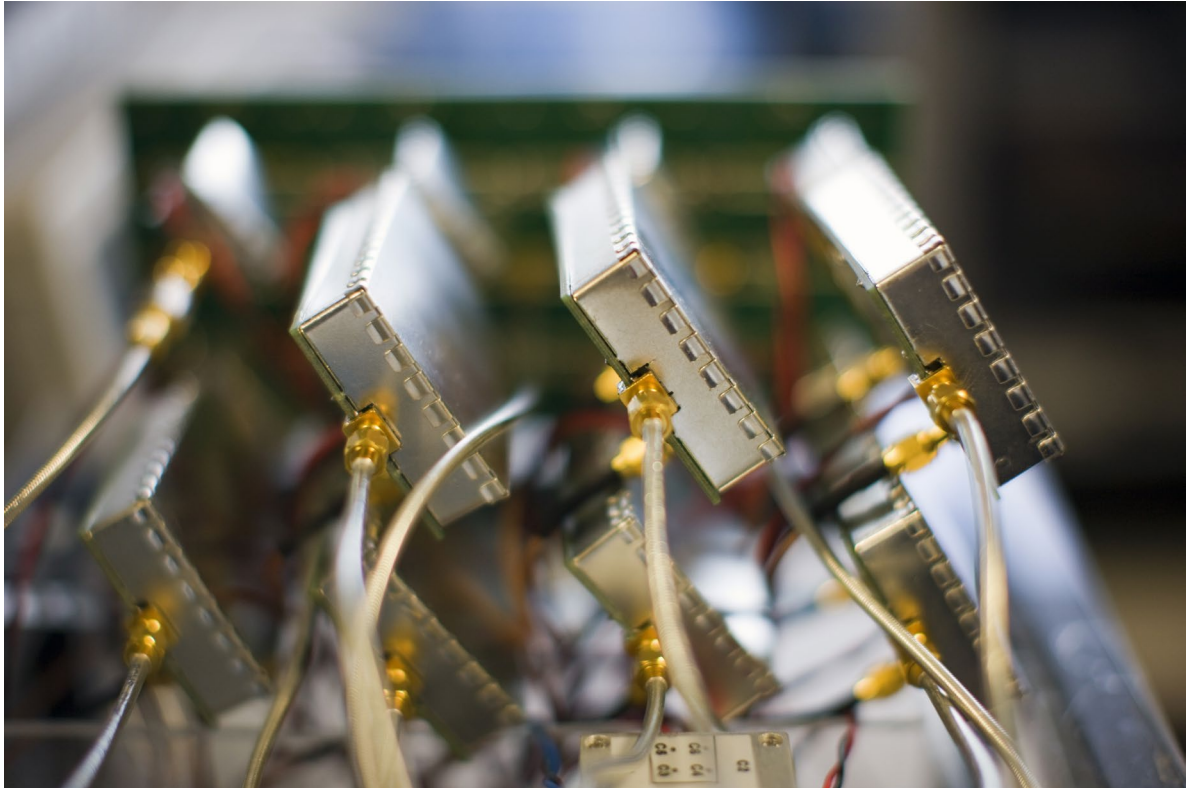
学位授予

福州大学授予:工学学士学位

爱尔兰国立梅努斯大学授予:工学学士学位。

毕业前景

学生毕业后，可在电子信息工程领域，如电子系统设计、嵌入式软硬件设计、信息系统研发、图像处理及分析、物联网技术及通信设备研究及维护等行业中从事科学研究、设备制造、工程设计、应用开发或技术管理等工作。同时，也可报考电子信息工程、电子科学技术等相关专业研究生，赴国内外一流学府深造。



About the Programme

The MIEC Electronic Engineering programme offers its students world-class expertise in the area of mobile communications, biomedical diagnostics and technologies, and the intelligent control of large machines, such as robots and wave power generators.

Students are provided with a high-quality electronic engineering education that will help them to develop the ability to scientifically analyse and independently solve practical engineering problems.

Core Courses

Solid State Electronics, Electronic Engineering Fundamentals, Signals and Systems, Introduction to Signal Processing, Object-Oriented Programming, Real-Time and Embedded Systems, Computer Communication Networks, Modulation and Coding Techniques, RF Circuits and Systems, Wireless Digital Communications.

Qualification

Bachelor of Engineering awarded by Fuzhou University; Bachelor of Engineering awarded by the National University of Ireland, Maynooth.

Career Options

Our graduates are equipped to work in silicon chip manufacturing and design, communication companies, and in the development of integrated hardware and software products, in China or abroad. Their strong problem-solving skills will also allow them to find roles in financial and management sectors.



培养目标

本专业通过实施国际合作的培养方案和教学模式，培养掌握扎实的机器人科学与工程基本理论、专业知识和实践技能，了解机器人科学与工程学科发展前沿和动态，具备创新精神与能力，能运用科学思维方法解决实际问题的国际化高级工程技术人才。

专业核心课程

电路、电子工程基础、系统与控制导论、信号处理导论、现代智能与互联机器、机器驱动与传感、机器学习与神经网络、机器视觉、数字信号处理、计算机控制系统。

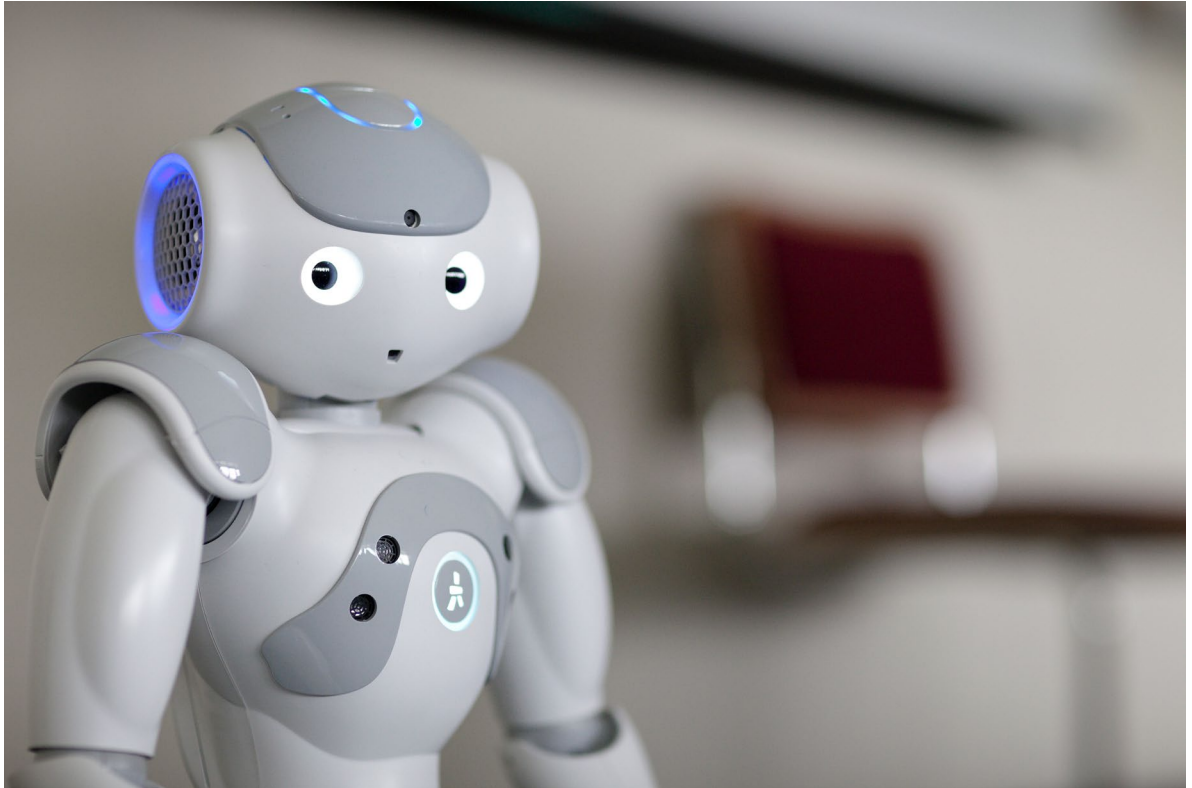
学位授予

福州大学授予:工学学士学位

爱尔兰国立梅努斯大学授予:理学学士学位。

毕业前景

学生毕业后可从事人工智能与机器人等相关领域的科学研究、技术开发、工程设计、系统运行管理与维护、教育和管理决策等工作。同时，也可报考自动化、人工智能等相关专业研究生，赴国内外一流学府深造。



About the Programme

MIEC Robotics and Intelligent Devices programme blends Electronic Engineering and Computer Science.

Students will combine their work in hardware and software, adding intelligence to everyday systems and developing robots that can interact with humans and their environment.

Qualification

Bachelor of Engineering awarded by Fuzhou University; Bachelor of Science awarded by the National University of Ireland, Maynooth.

Core Courses

Electric Circuits, Electronic Engineering Fundamentals, Introduction to Systems and Control, Introduction to Signal Processing, Intelligent and Connected Machines in Society, Actuation Systems for Robots, Machine Learning and Neural Networks, Computer Vision, Digital Signal Processing, Computer Control Systems.

Career Options

The development of robotics, AI, and intelligent device technologies is progressing at a rapid pace and creates demand for new skills, in China and abroad. Employment opportunities may be found in sectors such as manufacturing, food science, pharmaceuticals, healthcare, energy, communications, research and less obvious areas such as finance. Possible graduate roles may include robotics engineering, software engineering, embedded systems engineering, intelligent systems architect, and intelligence systems analyst.



培养目标

本专业通过实施国际合作的培养方案和教学模式，培养具有扎实的软件工程学科基础理论，能够系统熟练应用工程知识和基本技能，具备良好的创新和团队合作能力，具有一定人文社会科学素养与国际化视野的复合型、应用型高级专门技术人才。

专业核心课程

计算机系统、计算机科学导论、程序语言设计和编译、计算机结构、算法与数据结构、软件测试、软件工程与软件过程、软件设计、计算理论。

学位授予

福州大学授予:工学学士学位

爱尔兰国立梅努斯大学授予:理学学士学位。

毕业前景

学生毕业后既可从事软件工程、计算机应用以及计算机网络等方面的科研、开发和生产工作，也可以从事软件工程相关领域的教学和管理工作。同时，也可报考计算机科学、软件工程等相关专业研究生，赴国内外一流学府深造。



About the Programme

MIEC Computer Science and Software Engineering students study essentials of computing and software, as well as key areas in mathematics. Students acquire hands-on programming skills and problem-solving techniques that are widely valued across various industries.

Core Courses

Computer Systems Structure, Computer Science Introduction, Programming Language Design and Compilation, Computer Architecture, Algorithms and Data Structures, Software Engineering and Software Process, Software Testing, Software Design, Theory of Computation.

Qualification

Bachelor of Engineering awarded by Fuzhou University; Bachelor of Science awarded by the National University of Ireland, Maynooth.

Career Options

Graphical interface design, medical imaging, video-based information systems, multimedia systems development, electronic publishing, computer-assisted translation, e-learning systems and software development are some career areas to consider. Careers in financial services, business and administration, health services and the automobile and the aeronautics sectors are also available.



培养目标

本专业通过实施国际合作的培养方案和教学模式，培养掌握扎实的数字媒体技术基本理论、专业知识和实验技能，具备良好的科学素质与创新能力，具有团队合作能力的复合型、创新型、国际化的高级专门技术人才。

专业核心课程

算法与数据结构、软件测试、Web信息处理、多媒体技术、多媒体编程、软件工程&软件过程、人机交互、软件设计、多媒体通信、移动应用开发。

学位授予

算法与数据结构、软件测试、Web信息处理、多媒体技术、数字视觉技术与应用, 软件工程与软件过程、虚拟环境设计, 软件设计、多媒体通信、移动应用开发

毕业前景

学生毕业后可运用所掌握的理论知识与技能，从事图形化的界面设计、医学成像、多媒体系统开发、电子出版、计算机辅助翻译、虚拟仿真、游戏开发、网站设计等方面的研发和管理工作。同时，也可报考数字媒体技术、计算机科学与技术、软件工程等相关专业研究生，赴国内外一流学府深造。



About the Programme

MIEC Multimedia, Mobile and Web Development students study all the essentials of computing and software for mobile apps and websites, as well as key areas in mathematics. This is an area of applied computing that has the potential for the highest growth over the coming years.

Core Courses

Algorithm and Data Structures, Software Testing, Web Information Processing, Multimedia Technology, Digital Visual Technology, Implementations and Issues, Software Engineering and Software Process, Designing for Virtual Environments, Software Design, Multimedia Communication, Mobile Application Development.

Qualification

Bachelor of Engineering awarded by Fuzhou University; Bachelor of Science awarded by the National University of Ireland, Maynooth.

Career Options

Graduates can work in the areas of development and management of graphical interface design, medical imaging, video-based information systems, multimedia systems development, electronic publishing, e-learning system development, and game development, in China and abroad.

政府支持

学院项目由中国政府与爱尔兰政府共同支持。时任福建省人民政府副省长杨贤金，时任爱尔兰教育与技能部兼就业、企业与创新部副部长约翰·郝利根、时任爱尔兰驻华大使李修文等共同参加学院揭牌仪式。杨贤金曾对学院的成立做出重要批示，强调要办好学院。

强强联手

- 自动化(Robotics and Intelligent Devices)
 - 软件工程(Computer Science and Software Engineering)
 - 数字媒体技术(Multimedia, Mobile and Web Development)
 - 电子信息工程(Electronic Engineering)
- 均为福州大学和爱尔兰国立梅努斯大学的优势学科。

双注册双学位

福州大学和爱尔兰国立梅努斯大学双注册，合格毕业生同时获得两校学位。

培养模式

实行“4+0”联合培养模式，获得爱尔兰国立梅努斯大学学士学位不以往该校学习为必要前提。实施以“学生为中心”的教学理念，培养分析论证、科研技能、团队合作、演讲、证据评估、专业写作等核心学术技能。

质量保障

梅努斯国际工程学院所开设的四个专业采用与爱尔兰国立梅努斯大学相同专业一致的培养方案和课程体系，保证所授课程的设置、教学质量和标准与其向本国校区学生提供的完全相同。学院教学质量将纳入福州大学及梅努斯大学教学质量监控体系；同时接受中、爱两国教育部严格的教学质量认证和评估。

英语教学

对考生英语笔试及口语考试入学成绩不做硬性要求，但是建议考生具备一定的英语基础，以满足入学后英文授课学习要求。

师资力量

教学团队由梅努斯大学高水平师资及福州大学学术能力强、教学经验丰富的师资组成。每位教师的聘任必须经过联合管理委员会及院长同意。

实验条件

学院依托福州大学优越的实验条件。学院将支持学生参加本科科研训练计划(SRTP)项目，福州大学相关实验室对学院学生开放，为学生学习与科研创新提供支撑。



Features and Advantages

Strong Support for MIEC

MIEC is jointly supported by the Chinese government and the Irish government. Yang Xianjin, Vice Governor of Fujian Provincial Government, John Halligan, former TD and former Minister of State for Training, Skills, Innovation, Research and Development and the former Irish Ambassador to China Eoin O' Leary, participated in the inauguration of the MIEC. The partnership between Fuzhou University and Maynooth University aims to encourage an international exchange of knowledge, research and students.

Joint Strength

- Robotics and Intelligent Devices
- Computer Science and Software Engineering
- Multimedia, Mobile and Web Development
- Electronic Engineering

The four programmes are the dominant subjects of Fuzhou University and Maynooth University.

Double Registration and Double Degree

Students are registered with Fuzhou University as well as Maynooth University. Successful graduates are awarded two degrees - one from Fuzhou University and one from Maynooth University.

Quality Assurance

The four programmes offered by the MIEC are based on the Maynooth University curriculum and provide an equivalent academic experience that students of Maynooth University receive. The quality of the MIEC programmes is monitored by both Fuzhou University and Maynooth University and undergoes regular evaluations by the Ministry of Education of China and Ireland.

English Language Provision

Candidates with a good level of English will be able to adapt more easily to teaching carried out in a foreign language. The total number of English hours during the term time significantly exceeds the regular English hours of Fuzhou University.

Faculty

The academic staff at the MIEC consists of high quality lecturers from Maynooth University and lecturers with strong academic record from Fuzhou University. Each academic appointment is approved by the MIEC Joint Management Committee and the MIEC Dean.

Academic Structure

The academic structures of the MIEC follow the "4+0" model for joint international education programmes. It is not required to study at Maynooth University in Ireland during the degree programmes. The student-centered approach of the College focuses on development of core academic skills such as independent analytical argumentation, scientific research, teamwork and communication, problem solving, and academic writing.

Facilities

MIEC supports its students to participate in the Student Research Training Project (SRTTP) and a wide array of university-wide and nationwide competitions. Laboratories in FZU are open to the MIEC students to support their learning and scientific research.



报考信息

梅努斯国际工程学院四个专业均纳入福州大学本科一批次招生。
(在本科一、二批合并省份列入本科批次招生，单列招生代码.中外合作办学.中爱)。

招生专业

- 自动化(Robotics and Intelligent Devices)
- 软件工程(Computer Science and Software Engineering)
- 数字媒体技术(Multimedia, Mobile and Web Development)
- 电子信息工程(Electronic Engineering)

学费

6万元人民币/年，参照闽发改服价函[2021]362号文件执行。

毕业证书

福州大学毕业证书、福州大学学士学位证书
爱尔兰国立梅努斯大学学士学位证书。

2023年拟招生人数

300人

分省、分专业招生计划请关注福州大学招生考试中心网站:

<http://zsks.fzu.edu.cn>

奖学金设置

作为福州大学直属二级学院，梅努斯国际工程学院的学生可享受福州大学现有的奖、助、贷政策;优秀学生可享受学院专项奖学金: 一等奖1.5万/学期/每生，二等奖1万/学期/每生，三等奖0.5万/学期/每生。此外，学院将对参加省级及以上各类学科创新竞赛的学生提供全额经费资助，并对取得优异成绩的学生进行奖励。



Application Information

The four MIEC programmes are part of undergraduate enrollment of Fuzhou University.

Programmes

- Robotics and Intelligent Devices
- Computer Science and Software Engineering
- Multimedia, Mobile and Web Development
- Electronic Engineering

Tuition Fee

RMB 60,000/year.

Qualification and Degree Parchments

Fuzhou University Graduation Diploma,
Fuzhou University Bachelor Degree Diploma,
National University of Ireland, Maynooth Bachelor Degree Diploma.

2023 Recruitment Plan

For provincial and programme admissions plans, please visit the Fuzhou University undergraduate admissions website: <http://zsks.fzu.edu.cn>

Scholarships

As a secondary college directly affiliated to Fuzhou University, the MIEC adopts all awards, support and loan policies of Fuzhou University.

Outstanding students can access special college scholarships: first prize 15,000/ semester/student, second prize 10,000/ semester/ student, and the third prize 5,000/semester/student.

In addition, the MIEC will provide full financial support to students participating in innovation competitions at the provincial level and above, and reward students who have achieved excellent results.

2023届毕业生首波 业喜报 (截止2023年5月)

福州大学梅努斯国际工程学院2023

境外升学获得offer:

- 英国: 帝国理工大学, 伦敦大学, 爱丁堡大学, 曼彻斯特大学, 布里斯托大学, 格拉斯哥大学
- 美国: 卡耐基梅隆大学, 密歇根大学, 纽约大学, 杜克大学, 佐治亚大学, 圣路易斯华盛顿大学
- 新加坡: 新加坡国立大学, 南洋理工大学
- 澳洲: 悉尼大学
- 芬兰: 赫尔辛基大学
- 中国香港: 香港大学, 香港科技大学, 香港中文大学, 香港城市大学, 香港理工大学
- 中国澳门: 澳门科技大学

高质量境外获得offer:

- 获得QS排名前30人数占40.3%
 - 获得QS排名前50人数占65.7%
 - 获得QS排名前100人数占89.6%
- (根据2023年QS全球大学排名)

国内高校升学去向

中国科学院大学,西北工业大学, 天津大学, 浙江大学, 上海交通大学, 电子科技大学, 国防科技大学, 厦门大学, 中国海洋大学, 南方科技大学, 安徽大学, 福州大学, 西南交通大学, 南京理工大学, 南京航空航天大学, 上海大学

部分签约单位情况

上海哔哩哔哩科技有限公司
北京字节跳动网络技术有限公司
广州四三九九信息科技有限公司
中国铁路武汉局集团有限公司
中国电信股份有限公司
中国建设银行股份有限公司
中移铁通有限公司
国网福建省电力有限公司
福建广电网络集团股份有限公司
中国邮政储蓄银行
福建星网锐捷通讯股份有限公司
福建新大陆支付技术有限公司
宁德时代润智软件科技有限公司
福建顶点软件股份有限公司
厦门国际银行股份有限公司
厦门亿联网络技术股份有限公司

Universities Admitting MIEC Graduates to Postgraduate Programmes as of May 2023

Maynooth International Engineering College,
Fuzhou University 2023

International Universities

- UK: Imperial College, University of London, University of Edinburgh, University of Manchester, University of Bristol, University of Glasgow
 - USA: Carnegie Mellon University, University of Michigan, New York University, Duke University, University of Georgia, University of Washington at St. Louis
 - Singapore: National University of Singapore, Nanyang Technological University
 - Australia: University of Sydney
 - Finland: University of Helsinki
 - Hong Kong: Hong Kong University, Chinese University of Hong Kong, Hong Kong University of Science & Technology, Hong Kong Polytechnic University, City University of Hong Kong
 - Macau: Macau University of Science & Technology
-
- 40.3% are enrolled in top 30 universities of QS 2023 rankings
 - 65.7% are enrolled in top 50 universities of QS 2023 rankings
 - 89.6% are enrolled in top 100 universities of QS 2023 rankings

Chinese Universities

- University of Science & Technology of China
- North China University of Technology
- Tianjin University
- Zhejiang University
- Shanghai Jiaotong University
- University of Electronic Science and Technology
- National University of Defense Technology
- Xiamen University
- Ocean University of China
- Southern University of Science and Technology
- Anhui University
- Fuzhou University
- Southwest Jiaotong University
- Nanjing University of Science and Technology
- Nanjing University of Aeronautics and Astronautics
- Shanghai University

1.为何选择梅努斯国际工程学院而不是出国留学?

梅努斯国际工程学院的核心特色是基于国内的环境进行国际化培养,依托国际化的教学理念和全外教教学队伍对学生们在语言、批判性思维、跨文化交际等方面进行浸入式培养。同时,也帮助刚刚迈入大学校园的学生们在人生观、世界观、价值观形成的关键时期避免因国内外教育体制以及培养理念差异所带来的不适应问题,从而为学生之后出国深造打下更扎实的基础。

2.学生如何应对在学期间可能出现的语言障碍?

梅努斯国际工程学院将于开学前免费开设英语强化课程,为学生适应接下来的英文授课做好充分准备。

3.梅努斯国际工程学院各专业与福州大学及梅努斯大学相应专业分别有何不同?

梅努斯国际工程学院各专业在培养模式和专业内涵上与福州大学相应传统专业均有所不同。梅努斯国际工程学院各专业完全采用爱尔兰国立梅努斯大学的培养方案和课程体系,为双方学校学科优势的综合展现,更侧重培养学生的国际视野及批判性思维。

福州大学传统的电子信息工程专业更为侧重电子、通信、产品研发、设备维护以及信息处理等领域。梅努斯国际工程学院电子信息工程专业(Electronic Engineering)则倾向于培养电子、通信、人工智能、自动控制以及工程设计等相关领域的国际化工程技术型人才。

福州大学传统的自动化专业主要进行自动化相关基础理论与技术的学习,而梅努斯国际工程学院的自动化专业(Robotics and Intelligent Devices)则以机器人技术及智能设备为背景,进行自动化知识和技能的学习。

福州大学传统的数字媒体技术专业主要方向是“互动技术与艺术”,主要研究基于视觉效果互动技术,而梅努斯国际工程学院的数字媒体技术专业(Multimedia, Mobile and Web Development)是以软件设计及多媒体编程为对象,进行数字媒体技术知识和技能的学习。

福州大学传统的软件工程专业旨在培养学生扎实的计算机软件理论基础及软件工程专业知识、软件系统开发能力、项目实践经验及良好的软件工

程师职业素养。梅努斯国际工程学院的软件工程专业(Computer Science and Software Engineering)则是通过计算机科学与软件工程的学习,培养学生具备计算机和软件开发等方面完整的理论和实践基础,范围更广。

梅努斯国际工程学院开设的四个专业与爱尔兰国立梅努斯大学相同专业的课程设置完全相同。同时,根据福州大学授予学位的要求,增加了相应课程设置,如思政类及体育课程。合格毕业生可同时获得福州大学毕业证书、学士学位证书和爱尔兰国立梅努斯大学学士学位证书。

4.为什么梅努斯国际工程学院学费高于福州大学的学费?

梅努斯国际工程学院的主要专业课程均由来自爱尔兰国立梅努斯大学的高水平教师团队授课,而梅努斯国际工程学院的学费仅为爱尔兰国立梅努斯大学国际学生学费的50%。因此,选择梅努斯国际工程学院是一种获得国际化教育的高性价比途径。



1. Why MIEC?

MIEC combines the advantage of access to domestic infrastructure and facilities, with top quality international education and international academic team. MIEC allows the students to develop language skills, critical thinking, cross cultural communication and problem-solving skills. Students remain in a familiar environment, while availing of an international educational and cultural experience.

2. How does MIEC support English language skills of its students?

MIEC offers a free intensive pre-session English course to get new students fully prepared for their upcoming 4-year programme.

3. What are the differences between programmes at MIEC and corresponding programmes at Fuzhou University and Maynooth University?

MIEC academic experience is based on the Maynooth University curriculum. The four MIEC programmes follow different academic content than corresponding programmes in Fuzhou University and focus on different topics. The MIEC curriculum is built on a combination of theoretical knowledge, independent project work and practical problem solving activities. Fuzhou University curriculum and requirements are followed for PE, ideology and political courses.

4. Why is the tuition fee of MIEC higher than that of Fuzhou University?

All MIEC core courses are taught by high-quality faculty members of Maynooth University, though the tuition fee is 50% lower than that of international students in Maynooth University. Therefore, choosing MIEC is a cost-effective way to obtain international education.



MIEC Student Testimonials

学生感言

What is your best memory?

My best memory is doing a project course in the second semester of the first year. I remember that the project was challenging. At the beginning, I was very confused. The analogue circuit failed to run, and the numerical error occurred. However, with the help of my teacher and through my independent learning, I was able to successfully build the circuit, completed the project paper, and got the highest score in all subjects.

(2nd year student)

What has been your favourite aspect of the programme?

The course content and the teaching are both in English, which is conducive to our learning. We can ask the TA questions in Chinese after class, figuring out what we don't understand. There are many practical experiments in the courses, which help us to develop our hands-on skills. The experiments become progressively more difficult. We have discussions with our classmates, so that we can help each other to gain new knowledge and complete the course work.

(1st year student)

What I like most is the practical part of each programme. Each of our academic courses is equipped with corresponding experiment. In the labs, teachers and TA are willing to help us. I think our professional skills have been greatly enhanced during the process.

(2nd year student)

What have you learnt from your MIEC experience?

I think it enhanced my communication abilities. As a student of MIEC, I have learnt how to deliver speeches in public which improved my practical skills. It helps me master foreign languages and professional knowledge.

(1st year student)

MIEC provides me with a global learning platform. In the past two years, I have actively communicated with foreign teachers. MIEC has enabled me to learn in an international environment, giving me the opportunity to be exposed to stimulating ideas and exotic cultures. At the same time, my English level and professional knowledge have improved progressively. I am really grateful to every teacher for their dedication, responsibility and patience. Ultimately, I believe that I will achieve great personal and career goals in the future.

(2nd year student)

Did anything surprise you about the different teaching styles?

Yes! For example, in the English class we used to have debates in English, which was quite exciting and useful for IELTS speaking. And in English class we have lot of opportunities for discussions and speaking practice.

(1st year student)

How will your MIEC degree help you with your future plans?

Through our double degree, we broaden our knowledge, improve comprehensive qualities and learn more than other students in China. MIEC degree will play an important role for senior students in their future studies and will enhance their employment prospects.

(1st year student)



Address:

Maynooth International Engineering College,
Alumni Building, Fuzhou University (Qishan
Campus), No. 2 North Wulongjiang Avenue,
Fuzhou University Town, Fujian.

Fuzhou University website:

www.fzu.edu.cn

Maynooth University website:

www.maynoothuniversity.ie

MIEC website:

miec.fzu.edu.cn

www.maynoothuniversity.ie/miec

Tel:

+86-0591-22801601

Email:

miec@fzu.edu.cn

miec_fzu@163.com

miec@mu.ie

QQ group:

632890737

通讯地址:

福建省福州市福州大学城乌龙江北大道2号
福州大学(旗山校区)校友楼

福州大学网站:

www.fzu.edu.cn

爱尔兰国立梅努斯大学网站:

<https://www.maynoothuniversity.ie/>

福州大学梅努斯国际工程学院网站:

miec.fzu.edu.cn

<https://www.maynoothuniversity.ie/miec>

招生咨询电话:

+86-0591-22801601

电子邮箱:

miec_fzu@163.com

miec@fzu.edu.cn

miec@mu.ie

招生咨询QQ群:

632890737



梅努斯国际工程学院
2023年招生咨询QQ群



梅努斯国际工程学院
【微信公众号】



福州大学
FUZHOU UNIVERSITY



Maynooth
University
National University
of Ireland Maynooth

