



Dr. Hong Li (李宏)

Principal Lecturer in Mechanical Engineering
Programme Leader for ALL MSc Programmes

Faculty Lead (China) for Internationalisation

School of Engineering



曼彻斯特城市大学 - 南航金城学院1 年硕士计划安排

入学要求:

- 1) 在南航金城学院合格完成本科学业
- 2) 所修读学科的总平均分达70分或以上
- 3) 英语入学最低要求为雅思成绩6.5分（单科成绩不低于5.5分）或相当水平。
（但是，雅思成绩为5.5分或相当水平，且每一项的成绩不低于5.5分的学生同样有资格，须按照ManMet的要求修读学术英语课程）

硕士专业:

- 1) MSc Advanced Computing Science 高级计算科学理科硕士(计算机、数学及数字技术学院)
- 2) MSc Computing 计算科学理科硕士(计算机、数学及数字技术学院)
- 3) MSc Cyber Security 网络安全理科硕士(计算机、数学及数字技术学院)
- 4) MSc Electronic Engineering 电子工程理科硕士(工程学院)
- 5) MSc Engineering Management 工程管理理科硕士(工程学院)
- 6) MSc Industrial Communication and Automation 工业通讯与自动化理科硕士(工程学院)
- 7) MA Product Design 产品设计文学硕士(工程学院、艺术学院、商学院合作)

曼彻斯特城市大学 - 南航金城学院1 年硕士计划安排

学习时间: 从9月份至次年9月份,为期一整年

Three Terms
Taught element (4 modules): 120 credits
Individual project: 60 credits

奖学金 -- 金城学生专享:

- 1) 10% tuition fee discount from standard tuition fees for students who enrol on a postgraduate taught degree programmes for each year of study
- 2) 10% discount for Pre-sessional EAP

学校别类奖学金:

- 3) GBP 2,000 Postgraduate Scholarship -- Students who achieved a 1st class equivalence (85%) in their Bachelor degree will receive automatic £2,000 scholarship for their tuition fees. (no application is required)
- 4) GBP 5,000 Vice-Chancellor International Scholarship -- £5,000 discount from the standard tuition fee for an undergraduate or postgraduate taught degree programmes. (complete the application form)

<http://www2.mmu.ac.uk/international/fees-and-funding/scholarships/>

***The above 1), 3) & 4) discounts and scholarships are mutually exclusive, student can only be awarded ONE of the scholarships.**

曼彻斯特城市大学 - 南航金城学院1 年硕士计划安排

UKV1 IELTS < 6.5 ??

雅思成绩为5.5分或相当水平，且每一项的成绩不低于5.5分的学生同样有资格，须按照MMU的要求修读学术英语课程（pre-sessional English for Academic Purpose (EAP)）

Attend Pre-sessional EAP

Course Length	Course Dates*	PG Entry Level	Course Fees**
10-week	20th June - 31st August 2018	Overall IELTS 5.5 No skill less than 5.0	£2,910
5-week	25th July - 31st August 2018	Overall IELTS 6.0 No skill less than 5.5	£1,455

曼彻斯特城市大学 - 南航金城学院1年硕士计划安排

Why take EAP?

Course Aims

Our pre-sessional courses will help you to:

- move from General English to English for Academic Purposes.
- understand the expectations of university study in the UK.
- speak more fluently in academic situations and respond to others in a suitable manner.
- listen to lectures effectively and make useful notes on what you hear.
- read academic texts more efficiently and with greater understanding.
- write more accurately and effectively in an appropriate academic style.
- meet the language requirement of your Manchester Metropolitan degree offer.

曼彻斯特城市大学 - 南航金城学院1 年硕士计划安排

Course Timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 - 10:00am	Critical Thinking	Lecture Skills	Response Journal Review	Lecture Skills	Lecture Skills
10:00 - 11:00pm	Presentation Skills	Presentation Skills	Pronunciation Skills	Seminar Skills	Seminar Skills
11:30 - 12:30pm	Reading and Writing: Academic English	Reading and Writing: Academic English	Lecture Skills	Reading and Writing: Academic English	Reading and Writing: Academic English
12:30 - 1:30pm			Guest Lecture		
1:30 - 2:30pm	Lunch Break				
2:30 - 3:30pm		Conversation Club		Lecture Review	
3:30pm onwards	Independent study time: Response Journals, preparation assignments, follow-up tasks and Social Experience				

This timetable shows how your Pre-sessional course will be organised. Please note that individual classes might change.

<http://www2.mmu.ac.uk/languagecentre/english-courses/pre-sessional-english/>

Why ManMet?

1. 大城市 **Big City!** (living cost is 40% cheaper than London)
 - 位于英格兰西北部
 - 是世界最古老的工业城市
 - 有英国第二大国际机场
 - 国内铁路及公路交通干线亦以此为交汇点：火车至伦敦只需**2**小时，驾车到利物浦只需**1**小时
 - 多元化大都会
 - 有著名的曼联和城市足球队
 - 拥有英国第二大中国城，**32000**华人定居
 -



The University for
World-Class Professionals

Why ManMet?



曼城风景



The University for
World-Class Professionals

Why ManMet?



索尔福德



The University for
World-Class Professionals

Why ManMet?



曼城帝国战争博物馆

2. 英国曼切斯特城市大学 (ManMet) 具有悠久的历史

始建于**1824**年，经过近**200**年的不断投资和发展，今日已经成为一所综合性大学。拥有：

- **12**所大学研究中心
- **5**个学部，**1000**个专业
- 目前全英第二大的商学院（拥有**6,000**名学生）
- **38645**名本科生，**7156**名硕士/博士研究生
- **3000**多名国际生
- **280000**名校友分部于世界各地
- 课程被**70**个专业机构和协会认证

About us

38,645

Total number of students

7,156

Postgraduate students

3,000+

International students

280,000

Alumni worldwide

Linked with

70

Professional bodies and associations

Key Facts

- History dating back to 1824
- 12 University Research Centres
- 5 faculties, **1,000+** courses
- **Second largest business school in the UK** with 6,000 students
- The Poet Laureate is Creative Director at our Writing School

3. 英国曼切斯特城市大学 (ManMet) 的学术水平

卓越的学术:

- 在**2017**年全国大学卓越教学评估中获得银质奖
- **85%**的学术研究成果被评为“世界领先”或“国际优秀”（在**2014**年全国大学卓越科研评估中）
- **QS**世界顶级大学排名中，我校的建筑学院被评为全球六大学习建筑学的地方之一
- 我校商学院课程享有着著名的**AACSB**认证
- 泰晤士报高等教育将我校列入全世界前**200**名的”年轻”大学

Academic Excellence



We were awarded Silver in the Teaching Excellence Framework 2017

85%

85% of our research impact has been rated 'world-leading' or 'internationally excellent', REF 2014

TOP 6

Manchester School of Architecture is one of the top six places to study architecture in the world, QS Top University Rankings



Our Business School has prestigious AACSB accreditation

TOP 200 

Times Higher Education ranks us in the world's top 200 universities under 50 years old

我们的学部

TEF Silver

We were awarded **Silver** in the **Teaching Excellence Framework 2017**. Our individual feedback praised the support we provide to our students and the links we have forged with businesses and the public sector.



Business and Law

- Business Management
- Accounting and Finance
- Marketing
- Events, Hospitality, Tourism Management
- Law



Science and Engineering

- Engineering
- Computing, Mathematics and Digital Technology
- Healthcare Science
- Science and Environment



Arts and Humanities

- Art and Design
- Languages and Linguistics
- English and Creative Writing
- History, Politics, Sociology
- Journalism



Education

- Primary and Secondary Teaching Education
- Childhood, Youth and Education studies
- Inclusive Education and Disability Studies



Health, Psychology and Social Care

- Physiotherapy and Speech Pathology
- Nutritional Sciences
- Psychology
- Social Care and Social Work
- Nursing



Chinatown



Manchester School of Art
Manchester Metropolitan University



National Football Museum



Manchester Metropolitan University
Campus

曼彻斯特城市校园



Business School
Manchester Metropolitan University



First Street



Brooks Building
Manchester Metropolitan University



Manchester Town Hall

4. 保证录取（符合协议中的入学条件） -- Offer is guaranteed if you have met both academic entry requirement and IELTS in the agreement

5. 优惠的奖学金及折扣 Discounts/Scholarships

- 金城专属学费及语言班折扣（10%）
- 硕士优等生奖学金（2000英镑）
- 校长国际奖学金（5000英镑）

*The above discounts and scholarships are mutually exclusive, student can only be awarded ONE of the scholarships.



硕士
奖学金

申请硕士的
学生能获得
2,000英镑



校长优秀
奖学金

本科和硕士生

奖励金额为
5,000英镑/人

6. 申请全程保驾护航，省去中介费用 Full support for your application:

- 开设专题申请讲座
- 提供详细申请步骤及样板
- 微信实时辅导

学生服务

- 欢迎新生活活动 – Fresher's Week
- 免费机场接机
- 专门国际学生福祉顾问
- 签证及入境支持
- 学前英语课
- 免费英语课，一对一辅导班，个人写作咨询



学生宿舍

- 免费高速无线网
- 单床卧室
- 个人洗手间/公共洗手间
- 24小时保安
- 宿舍费：929元 – 1797元每周
- 宿舍费包括水费，电费，暖气。。。
- 洗衣设施
- 走几步路就能到城市中心与大学



The University for
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Why ManMet?



学生宿舍一览



丰富多彩的学生生活

学生会

- 学生会楼
- 音乐场
- 电玩区
- 餐厅及酒吧
- 活动
- 学生优惠
- Freshers Week

体育俱乐部和协会

- 超过60多体育俱乐部
- 英国大学与学院体育 (BUCS – 150所高校)
- 足球，篮球，羽毛球，橄榄球，板球，骑马，啦啦队。。。
- 超过100个协会和俱乐部
 - 电玩，漫画，恐怖片，扑克牌，专业协会



丰富多彩的学生生活



曼彻斯特中国学生学者联谊会

<http://cssaman.org.uk/>

- 成立于1982年 - 全英国成立时间最早
- 总领事馆批准的
- 范围涵盖4所高校：曼大；曼城大学；索尔福德大学；北方皇家音乐学院
- 设有：财务部，秘书处，外联部，宣传部，活动部，就业部，体育部，学术部
- 蓝魔足球队，Chinese Legend篮球队
- 新生指南
- 2017年元宵晚会在CCTV-13报读



Faculty of Science & Engineering 科学与工程学部

- One of the largest providers of Science and Engineering higher education in the UK, with a thriving community of 5,000+ students
- Our students benefit from a strongly interdisciplinary environment that is engaged with international partners, the NHS, industry and government
- £60 million+ invested in laboratories, teaching spaces and new technologies in the last ten years
- Leading research in the fields of musculoskeletal science, microbiology and advanced materials
- Formula Student participant (mechanical engineering design and race completion) – one of many extra curriculum activities

School of Computing, Mathematics and Digital Technology
School of Engineering
School of Healthcare Science
School of Science and the Environment



Faculty of Science & Engineering 科学与工程学部

Students	5500
International students	200
Staffing	300 academic staff
Location	Close to City Centre Large Campus
We deliver	<i>Research and enterprise informed teaching</i>



Recent Research Grants Highlights:

A EPSRC grant in collaboration with Loughborough University and University of Birmingham: Smart Peripheral Stents for the Lower Limb – Design, Manufacturing and Evaluation

Bioengineering

A KTP with Bobst Manchester Ltd -- To develop novel vacuum assisted plasma assisted technology

Advanced material

A UK-Brazil Newton Fund – To develop a smart Water meter system

Smart system

A KTP with Kindus Solution Ltd -- To deliver a drug serialisation solution to meet the Europe Falsified Medicine Directive (FMD) packaging requirements

Manufacturing

A collaborative project “Accident Tolerant Fuels” with the National Nuclear Security Lab (NNI) and Manchester University

Advanced material

School of Engineering

Structure of MSc Course (session 2017-18)

- 180 Credits {Taught 120 credits + Project 60 credits}
- Taught units are usually 30 credits
- Each Pathway requires 2 Core units + 3 Options

Options

By choosing options you are able to:

- Study a strong mix of theory, practice and industrial case studies.
- Select units that match your area of interest.
- Tailor your programme of study to align to that of your employer's.
- Specialise in subjects that support a job specification.

School of Engineering

MSc Electronic Engineering

Sept

Jan

Core

6E7Z2120
MSc Engineering Project (60)

30%
70%

EA D ET EP
EA D ET EP

6E7Z1104
Embedded Systems and
Systems on a Chip

60%
40%

SM EA D ET EP
SM

6E7Z1114
Digital Signal Processing

40%
60%

SM EA D EP
SM

6E7Z1115
Industrial Communication
Systems

40%
60%

SM EA D ET EP
SM EA

6E7Z1107
Sensing and Imaging

70%
30%

SM EA D ET EP
SM EA D EP

6E7Z1113
Smart Technologies for Power
Management



30%
70%

SM EA D ET EP
SM EA D EP

Options

Choose 90 credits

To pass a unit an aggregate mark of 50% must be achieved with >40% in each element.
All 30 credit units unless specified as (60). Total 180 credits for an MSc.
A maximum of 30 credits may be compensated with ≥40% aggregate.


 Coursework
 Examination

 Science and Mathematics

 Design

 Engineering Practice

 Engineering Analysis

 Economic, Legal, Social, Ethical and
Environmental Context

School of Engineering

MSc Engineering Management

Sept

Jan

Level 7

Level 7

Core

Options

Choose 90
credits

6E7Z2120
MSc Engineering Project (60)

30% 70%

EA D ET EP
EA D ET EP

5T7Z0065
Management Practice

50% 50%

SM ET
ET EP

6E7Z1114
Digital Signal Processing

40% 60%

SM EA D EP
SM

6E7Z2122
Rail Infrastructure and
Engineering Strategy

25% 75%

SM EA D ET EP
SM ET EP

6E7Z2121
Sustainable Energy Systems

30% 70%

SM EA D ET
SM EA D

6E7Z2114
Computational Mechanics

50% 50%

SM EA ET EP
SM EA

6E7Z1115
Industrial Communication
Systems

40% 60%

SM EA D ET EP
SM EA

6E7Z1107
Sensing and Imaging

70% 30%

SM EA D ET EP
SM EA D EP

6E7Z1113
Smart Technologies for Power
Management

30% 70%

SM EA D ET EP
SM EA D EP

6E7Z2123
Manufacturing Systems
Management

60% 40%

SM EA ET EP
EA ET EP

6E7Z2113
Engineering Structural
Integrity

50% 50%

SM EA D EP
SM EA EP

To pass a unit an aggregate mark of 50% must be achieved with >40% in each element.
All 30 credit units unless specified as (60). Total 180 credits for an MSc.
A maximum of 30 credits may be compensated with $\geq 40\%$ aggregate.

Coursework
 Examination

Science and Mathematics Design Engineering Practice
 Engineering Analysis Economic, Legal, Social, Ethical and Environmental Context

School of Engineering

MSc Industrial Communication and Automation

Sept

Jan



Level 7

Level 7



Core

Options



6E7Z2120
MSc Engineering Project (60)

30%  EA D ET EP
70%  EA D ET EP



6E7Z1115
Industrial Communication Systems

40%  SM EA D ET EP
60%  SM EA



6E7Z1114
Digital Signal Processing

40%  SM EA D EP
60%  SM



6E7Z1104
Embedded Systems and Systems on a Chip

60%  SM EA D ET EP
40%  SM



6E7Z1107
Sensing and Imaging

70%  SM EA D ET EP
30%  SM EA D EP

6E7Z1116
Advanced Control and Instrumentation

40%  SM EA D ET EP
60%  SM EA D ET EP

6E7Z1113
Smart Technologies for Power Management

30%  SM EA D ET EP
70%  SM EA D EP

Choose
90
credits

To pass a unit an aggregate mark of 50% must be achieved with >40% in each element.
All 30 credit units unless specified as (60). Total 180 credits for an MSc.
A maximum of 30 credits may be compensated with ≥40% aggregate.

 Coursework

 Examination

 Science and Mathematics

 Engineering Analysis

 Design

 Economic, Legal, Social, Ethical and Environmental Context

 Engineering Practice

We develop **Employable graduates**, who are:

- ✓ *Comfortable working cross-disciplinary*
- ✓ *Industry ready*
- ✓ *Global graduates*
- ✓ *Future leaders*

We can help you to make it

– How we teach

- Lectures (high quality facilities)
- Tutorials (academic staff)
- Laboratories (state of the art facilities)
- Individual projects (develop independence and confidence)
- Group projects (Teamwork & management) – Industry
- Extracurricular activities (e.g formula student)
- Employability (Familiarisation with Industry standard software/hardware)



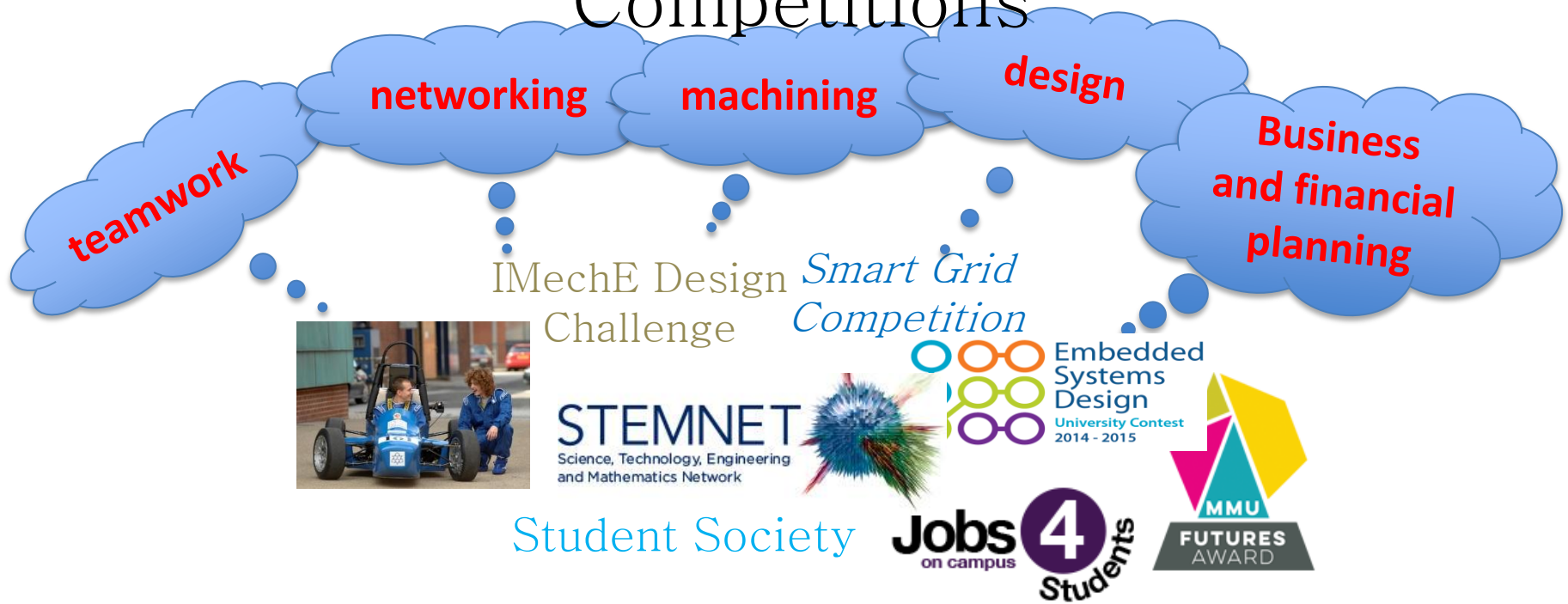
Programme Pedagogy

– Teaching & Learning

- Teaching is informed by the academic team's own research and consultancy activity
- Access to Electronic Virtual learning Environment (Moodle)
- Emphasis on Personal Development Planning and Employability
- Project unit at emphasises and develops the key engineering skill of designing integrated systems

Why ManMet?

Extracurricular activities & Competitions



MMU Win IMechE Design Challenge 2017!!



MMU Formula Student 2017



The Winning Team



杰出校友



Sarah Burton – 时装设计师

Sarah 在曼彻斯特城市大学服装系毕业后从事服装设计多年，现在为著名服装奢侈品牌Alexander McQueen 的设计总监。2011年她为英国王储威廉王子的妻子凯德王妃设计婚纱，使她声名大噪，同年英国女王伊丽莎白二世授予她不列颠帝国勋章。Sarah 在2013年来到我们大学担任时装设计大赛的评判，同时挑选出色的毕业生进入她的时尚品牌工作。

Thomas Heatherwick – 国际设计师

1992年本科三维设计毕业后，Thomas很快就成为世界知名的设计师，他的作品遍布全世界，在内地广为人知道的设计有2012年伦敦奥运会火炬、上海世博的英国展馆种子神殿和香港太古广场。2007年曼彻斯特城市大学向他颁发荣誉博士学位，表彰他对设计行业的伟大贡献。



杰出校友



Jonathan Mildenhall – 可口可乐副总裁及全球市场营销与广告总监

Jonathan 在90年代于商科毕业，在广告市场营销行业打拼多年后，成为可口可乐公司的市场营销总监，在他领导之下，可口可乐一直为世界前二十最具创新力公司。Jonathan 经常回到曼彻斯特城市大学主持客席讲座，启发鼓励学生，分享他的成功经验。

Paul Jones – 宾利汽车生产总监

Paul 在曼彻斯特城市大学的机器工程本科毕业，现在担任宾利汽车的生产总监，专门研究和生产宾利品牌的跑车系列。也因为这个系列，宾利在2011年转亏为盈。在他的帮助引领下，我们工程系的学生有机会到宾利当实习生，参与顶尖汽车的生产 and 研究。



What's next?

Make the right choice for you

Apply now and shape your own future

Make the safe bet

Choose Manchester Met!!!!

我们在曼城等着你!



IMechE Design
Challenge



*Smart Grid
Competition*

