PLANNING
AND
ENVIRONMENTAL MANAGEMENT

UNDERGRADUATE PROSPECTUS 2019 ENTRY

www.manchester.ac.uk/planning
WHY MANCHESTER?

Part of the prestigious Russell Group

1. THE WORLD'S
1st Industrial City

Now a vibrant 21st century metropolis

2. 25 Noble Prize winners have worked or studied here

3. Ranked 34th globally****

4. 100 graduate employers*

5. The most targeted university by the UK's top 100 graduate employers*

6. 94% of graduates in work or further study**

7. Over 400 student societies

8. Multicultural community of 40,000 students from 160 countries

9. £1 billion campus masterplan

10. 40% lower living costs than London***

11. 100 graduate employers*

12. The most targeted university by the UK's top 100 graduate employers*

13. THE UK'S MOST LIVEABLE CITY*****

14. 34th globally****

15. Ranked 34th globally****

16. THE UK'S MOST LIVEABLE CITY*****

17. The UK's biggest students' union

18. UK's biggest students' union

19. Noble Prize winners have worked or studied here

20. 25 Noble Prize winners have worked or studied here

21. Noble Prize winners have worked or studied here

22. Noble Prize winners have worked or studied here

23. Noble Prize winners have worked or studied here

24. Noble Prize winners have worked or studied here

25. Noble Prize winners have worked or studied here

FIND OUT MORE:

www.manchester.ac.uk
www.manchester.ac.uk/cityofmanchester

RESEARCH IS FUNDAMENTAL TO THE UNIVERSITY OF MANCHESTER.

We’re committed to both the discovery of new knowledge and its application for social and economic value.

Researchers in Manchester’s beacon areas are at the forefront of the search for innovative solutions to some of the biggest challenges facing the planet today.

OUR RESEARCH BEACONS:
• Global inequalities
• Advanced materials
• Cancer
• Energy
• Industrial biotechnology

GLOBAL CHALLENGE: Climate change is often discussed in general terms but decision makers require more locally relevant detail to be able to plan and adapt accordingly.

MANCHESTER SOLUTION: Our research into the effects of urbanisation on local climate has enhanced knowledge and awareness of urban climate change adaptation. It resulted in free-to-use and scalable decision support tools which are being used by city planners across the UK and Europe to establish new climate change adaptation strategies and policies.

GLOBAL CHALLENGE: In the past most research into policy monitoring typically focused on national indices, rather than methodologies and indicators, to inform spatially-oriented urban and regional policies.

MANCHESTER SOLUTION: Our development of new methodologies changed the way governments and international organisations monitor their spatial planning policies. Local planning authorities in the UK were subsequently required to comply with practices based on our recommendations. Our work has also helped shape professional debate, thinking and practices among international bodies including the World Bank, the European Commission, and the United Nations.

FIND OUT MORE: www.manchester.ac.uk/beacons
Develop practical skills in project studios with drawing facilities, model-making workshops and specialist design and spatial analysis software.

Fieldwork throughout your course, including UK and international destinations.

Study abroad for a semester in Europe, the US, South East Asia or Australia.

Close staff-student relationships.

Ranked 5th in the UK for planning*.

Flexibility mix planning and environmental management units or specialise.

Choice wide range of optional course units.

Accredited by the Royal Town Planning Institute and Royal Institute of Chartered Surveyors.

Small-group teaching and guided, one-to-one supervision.

Strong heritage - Planning has been taught at Manchester for over 50 years.

*The Complete University Guide 2019
WHERE CAN A PLANNING AND ENVIRONMENTAL MANAGEMENT DEGREE TAKE YOU?

THE MOST TARGETED UNIVERSITY BY THE UK’S TOP GRADUATE EMPLOYERS.*

A DEGREE FROM THE UNIVERSITY OF MANCHESTER WILL OPEN DOORS TO A WIDE RANGE OF CAREERS.

PLANNING CONSULTANCY

URBAN DESIGN

ENVIRONMENTAL MANAGEMENT

ENVIRONMENTAL CONSULTANCY

LOCAL GOVERNMENT

URBAN AND REGIONAL DEVELOPMENT

RESEARCH

PROJECT MANAGEMENT

ENGINEERING

ENTREPRENEURSHIP

BUSINESS DEVELOPMENT

OUR PLANNING AND ENVIRONMENTAL MANAGEMENT GRADUATES HAVE GONE ON TO SUCCESSFUL CAREERS IN AREAS INCLUDING:

*The Graduate Market in 2018, High Fliers Research

WATCH A VIDEO ON OUR ANNUAL ‘MEET THE PROFESSIONALS’ CAREERS EVENT

www.seed.manchester.ac.uk/planning/study/careers-and-employability
FIELDWORK

Fieldwork is an integral part of all our planning and environmental management courses, giving you the opportunity to explore real-life issues. Trips vary from one day trips around North West England to overseas residential visits.

In second year, all students will have an opportunity to go on an international field visit. Most recently, we have visited Porto and the surrounding Douro Valley to examine how a large European region functions in environmental, social, economic, political and cultural terms.

In later years, we offer a fieldtrip to Berlin to explore how the policy tools of urban regeneration and renewal are being used to bolster the fortunes of one of Germany’s most iconic cities.

FREE CHOICE UNITS
The opportunity to take ‘free choice’ units* from across the University, such as, languages, economics, geography, politics, sociology or archaeology.

HOW WILL I LEARN?
Teaching methods include fieldwork, lectures, seminars, small-group learning, individual tutorials and team work.

HOW AM I ASSESSED?
Assessment methods include technical reports, essays, team projects, design work, mapping and spatial analysis, presentations, written exams and a dissertation.

WATCH OUR PORTUGAL FIELDTRIP VIDEO:
www.seed.manchester.ac.uk/planning/study/fieldwork

*Timetable classes with core content may restrict options from outside the degree.
A three year degree studying the Earth’s natural resources, the way in which human societies interact with them and ways in which they can be sustainably managed. Understanding both scientific principles and relevant policy frameworks is essential if we are to address global environmental challenges including climate change and sustainable development. This is a vocationally-led degree that equips you with a wide range of hands-on environmental and ecological skills.

**Core Units Typically Include:**
- Introduction to Ecology and Conservation
- Applied Environmental Science
- Sustainable Environments
- Environmental Process and Change: The Global System
- Introduction to Urban and Environmental Economics
- Applied Project

**Options**
- Dynamic Earth
- Global Climate Change

(Course units may change)

**Find out more:**
www.manchester.ac.uk/environmental-management

**Year One**

- Duration: 3 years
- Male/Female: 50% 50%
- Home/International: 71% / 29%

- **Expertise:** Learn from leaders in their field as Manchester’s world-class academics teach their areas of specific expertise.

- **Contemporary Topics:** Pollution; sustainable cities and environments; urban and landscape ecology; climate change and environmental impact.

- **Skill Development:** Practical training in skills such as ecological surveys; conservation management; environmental appraisal and audit; and environmental impact assessment.

**Find out More:**
www.seed.manchester.ac.uk
YEAR TWO

ENGINEERING DESIGN

FIND OUT MORE:
www.manchester.ac.uk/study/international/study-abroad-programmes

Put theory into practice on international fieldwork.

Gain practical experience with an organisation in the environmental management sector.

Spend a semester in Europe, the US, Asia or Australia.

STUDY ABROAD

In your second year, you can apply to spend a semester studying overseas either through the Erasmus Exchange scheme in Europe or the Worldwide Exchange scheme. Manchester’s Planning and Environmental Management Department has partner universities in various European countries, the US, Canada, South East Asia, Australia and New Zealand.

CORE UNITS TYPICALLY INCLUDE:
- Environmental Policies and Designations
- Landscape Ecology
- Sustainable Development Project
- Green Planet: Plant Ecology

OPTIONS
- Professional Placement
  (Course units may change)

FIELDWORK
- Environment and Development International Fieldtrip

WATCH OUR PORTUGAL FIELDTRIP VIDEO:
www.seed.manchester.ac.uk/planning/study/fieldwork

FIND OUT MORE:
www.manchester.ac.uk/study/international/study-abroad-programmes
YEAR THREE

FLEXIBILITY
Expand on themes from previous years whilst pursuing your preferred subjects through optional units.

SMALL CLASS LEARNING
You will often be taught in small classes, making for a truly world-class learning environment.

EMPLOYABILITY
Develop the transferable skills that top employers value Manchester graduates for.

CORE UNITS TYPICALLY INCLUDE:
• Environmental Planning and Protection
• Professional Practice and Ethics
• Conservation Management Project
• Green Infrastructures and Sustainable Cities

DISCENTRATION
Your dissertation will draw together the different strands of the course and allow you to study a subject that really interests you. You will conceive, plan, execute and write up a major independent and novel piece of research. Supervision is given by staff from the sub-discipline of planning and environmental management most appropriate to the topic selected.

FIND OUT MORE:
www.manchester.ac.uk/environmental-management
Effective planning is crucial in an age when governments and societies all over the world are struggling to deliver sustainable development. The BSc Planning and Real Estate is a three-year degree providing the core academic and professional training required for a career in planning. You will consider the issues faced by professionals in dealing with the planning and management of all aspects of our built and natural environments.
In your second year, you can apply to spend a semester studying overseas either through the Erasmus Exchange scheme in Europe or the Worldwide Exchange scheme. Manchester's Planning and Environmental Management Department has partner universities in various European countries, the US, South East Asia and Australia.

**CORE UNITS TYPICALLY INCLUDE:**
- Plan Making and the Development Process
- Sustainable Development Project
- Policies for Cities and Regions
- Valuation and Appraisal

**OPTIONS**
- Professional Placement
- Environmental Policies and Designations
- Landscape Ecology
  (Course units may change)

**FIELDWORK**
- Environment and Development International Fieldtrip

**WATCH OUR PORTUGAL FIELDTRIP VIDEO:**
[www.seed.manchester.ac.uk/planning/study/fieldwork](http://www.seed.manchester.ac.uk/planning/study/fieldwork)

**FIND OUT MORE:**
[www.manchester.ac.uk/study/international/study-abroad-programmes](http://www.manchester.ac.uk/study/international/study-abroad-programmes)
YEAR THREE

SPECIALIST KNOWLEDGE
Develop the specialist knowledge essential for a career in the planning and real estate sectors.

SMALL CLASS LEARNING
You will be taught in small classes, making for a truly world-class learning environment.

INDUSTRY EXPERIENCE
Gain practical experience with an organisation in the planning sector.

CORE UNITS TYPICALLY INCLUDE:
- Planning and Property Law
- Urban Theory, Planning Ethics
- Housing, Planning and Development
- Professional Practice and Ethics

(Course units may change)

DISSERTATION
Your dissertation will draw together the different strands of the course and allow you to study a subject that really interests you. You will conceive, plan, execute and write up a major independent and novel piece of research. Supervision is given by staff from the sub-discipline of planning and real estate most appropriate to the topic selected.

FIND OUT MORE:
www.manchester.ac.uk/planning
Gain both academic and professional training in planning on this four-year enhanced undergraduate degree. The curriculum for the first three years is the same as our BSc (Hons) Planning and Real Estate (see pages 20 to 25 for details). The fourth year of study is at master’s level and provides professional training in planning, with options to specialise in areas including urban design, urban regeneration and environmental change.
Gain both academic and professional training in planning, real estate and property development on this four-year enhanced undergraduate degree. The curriculum for the first three years is the same as our BSc (Hons) Planning and Real Estate (see pages 20 to 25 for details). The fourth year of study is at master’s level and provides professional training in planning, real estate and property development.

**YEARS FOUR**

**DURATION**

4 years

**MALE/FEMALE**

♂ 50% ♀ 50%

**HOME/INTERNATIONAL**

100% 0%

**CORE UNITS TYPICALLY INCLUDE:**
- Land and Development
- Strategic Asset Management
- Real Estate Investment and Finance
- Real Estate Law in Practice
- Professional Practice and Ethics
- Corporate Real Estate Project
- Property Valuation
- Real Estate Markets
- Planning for Environmental Change
- Local Economic Development
- Neighbourhood Planning
- International Planning: Systems and Framework
- Best Practice Case Studies in Urban Development Planning
- Strategic Environmental Assessment
- Infrastructure Planning
- International Urban Design
- International Fieldwork – study planning practice, governance and institutional frameworks, issues of localism, and zoning control in another country, region or city.

**FIND OUT MORE:**

www.manchester.ac.uk/planning
PRACTICAL SKILLS
You can develop your practical skills in our project studio with its drawing facilities, our model-making workshop and computer suites with specialist design and spatial analysis software. If you are studying environmental management, you will learn a wide variety of practical skills in the field, including ecological surveys and environmental assessment.

LIBRARY RESOURCES
Our Library is one of only five National Research Libraries and one of the best-resourced academic libraries.
- More than 4 million printed books and manuscripts,
- Over 41,000 electronic journals
- 500,000 electronic books
- Several hundred databases
The Alan Gilbert Learning Commons is a state of the art study and learning centre.
- Exclusive group learning rooms
- Flexible break out and work spaces with multimedia facilities
- 400 fixed workstations with live update availability information so you don't have to wait
- WiFi access
- Charging stations for laptops, tablets and phones
- Online and group workshops on library and information literacy; academic and study skills workshops; career and employability skills clinics
Find out more:

www.library.manchester.ac.uk

We also have our very own Kantorowich Library, which contains many of the teaching and learning materials that you will need, from books and journals to DVDs and past dissertations.

VIRTUAL TOUR
Take our virtual tour to explore 360 degree views of the places you could study and some of the buildings and workshops that make up the School of Environment, Education and Development.

www.seed.manchester.ac.uk/about/virtual-tour
Why not take part in some conservation volunteering such as tree planting and bumblebee surveying whilst you study with us?

Find out more: uomtreemusketeers.wordpress.com
ENTRY REQUIREMENTS

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<tr>
<th>COURSE</th>
<th>UCAS CODE</th>
<th>GCSE OR EQUIVALENT</th>
<th>A-LEVEL</th>
<th>INTERNATIONAL BACCALAUREATE</th>
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<tr>
<td>ENVIRONMENTAL MANAGEMENT BSc</td>
<td>F851</td>
<td>C/4 ENGLISH LANGUAGE &amp; MATHEMATICS</td>
<td>ABB</td>
<td>34 POINTS OVERALL (6,5,5 AT HIGHER LEVEL)</td>
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<tr>
<td>PLANNING AND REAL ESTATE BSc</td>
<td>K430</td>
<td>C/4 ENGLISH LANGUAGE &amp; MATHEMATICS</td>
<td>ABB</td>
<td>34 POINTS OVERALL (6,5,5 AT HIGHER LEVEL)</td>
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<tr>
<td>MASTER OF PLANNING (MPLAN INTEGRATED MASTER'S)</td>
<td>K401</td>
<td>C/4 ENGLISH LANGUAGE &amp; MATHEMATICS</td>
<td>ABB</td>
<td>34 POINTS OVERALL (6,5,5 AT HIGHER LEVEL)</td>
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<tr>
<td>MASTER OF PLANNING WITH REAL ESTATE (MPRE INTEGRATED MASTER'S)</td>
<td>1G23</td>
<td>C/4 ENGLISH LANGUAGE &amp; MATHEMATICS</td>
<td>ABB</td>
<td>34 POINTS OVERALL (6,5,5 AT HIGHER LEVEL)</td>
</tr>
</tbody>
</table>

For full details on our entry requirements, please visit our website:

www.manchester.ac.uk/planning

As our planning and environmental management undergraduate degrees share many common course units in the first year, you are normally permitted to transfer onto a different degree in this portfolio at the end of your first year should you find one area of study particularly interesting.

WANT TO TALK YOUR DECISION THROUGH?

Call or email us for help and advice:

Anna Gilchrist
0161 275 2808
anna.gilchrist@manchester.ac.uk

Undergraduate Admissions Office
0161 275 0969
UG-PlanningEM-Admissions@manchester.ac.uk

This prospectus was printed in June 2018 for the purposes of the 2019 intake. It has therefore been printed in advance of course starting dates. For this reason, information contained within the prospectus may be amended prior to you applying for a place on a course of study. Course entry requirements are listed for the purposes of the 2019 intake only.

Prospective students are therefore reminded that they are responsible for ensuring, prior to applying to study on a course of study at the University of Manchester, that they review up-to-date course information including checking entry requirements, which is available by visiting www.manchester.ac.uk/study/undergraduate/courses and searching for the relevant course.

Further information describing the teaching, examination, assessment and other educational services, offered by the University of Manchester is available from www.manchester.ac.uk/study/undergraduate