PLANNING AND ENVIRONMENTAL MANAGEMENT

UNDERGRADUATE PROSPECTUS 2018 ENTRY
WWW.SEED.MANCHESTER.AC.UK
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**WHY MANCHESTER?**

Part of the prestigious Russell Group

1st THE WORLD'S INDUSTRIAL CITY

Now a vibrant 21st century metropolis

25 Noble Prize winners have worked or studied here

£1 billion annual income

25

UK’s biggest students’ union

£1 billion annual income

25

Multicultural community of 40,000 students from 160 countries

40% lower living costs than London***

40% of graduates in work or further study**

100 graduate employers*

Over 400 student societies

Over 400 campus masterplan

Surrounded by 3 spectacular national parks

BRITAIN’S MOST POPULAR STUDENT CITY

FIND OUT MORE:
www.manchester.ac.uk
www.manchester.ac.uk/cityofmanchester

*The Graduate Market in 2017, High Flyers Research; **HESA 2016; *** Expatistan
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:
- Addressing 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
PLANNING AND ENVIRONMENTAL MANAGEMENT at THE UNIVERSITY OF MANCHESTER

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.

Choose a semester in Europe, the US, South East Asia or Australia.

Close staff-student relationships.

flexibility mix planning and environmental management units or specialise.

choice wide range of optional course units.

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

Man-chester explore urban development and environmental impacts on your doorstep.

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

One-to-one supervision.
WHERE CAN A **PLANNING AND ENVIRONMENTAL MANAGEMENT** DEGREE TAKE YOU?

ONE OF THE MOST TARGETED UNIVERSITIES BY THE NATION'S TOP GRADUATE EMPLOYERS.*

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

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

- TOWN PLANNING
- URBAN DESIGN
- ENVIRONMENTAL MANAGEMENT
- LOCAL GOVERNMENT
- PROJECT MANAGEMENT
- RESEARCH
- ENTREPRENEURSHIP
- BUSINESS DEVELOPMENT
- ENVIRONMENTAL CONSULTANCY
- URBAN AND REGIONAL DEVELOPMENT POLICY
- ENGINEERING

WHERE CAN A PLANNING AND ENVIRONMENTAL MANAGEMENT DEGREE TAKE YOU?

TOP EMPLOYERS OF OUR PLANNING AND ENVIRONMENTAL MANAGEMENT GRADUATES INCLUDE:

- **AECOM**
- **ARUP**
- **ATKINS**
- **bp**
- **EDF ENERGY**
- **Jacobs**
- **Rolls-Royce**

*The Graduate Market in 2017, High Flyers Research

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

[www.seed.manchester.ac.uk/planning/study/careers-and-employability](http://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 Manchester to overseas residential visits.

In second year, all students will have an opportunity to visit 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.

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

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 essays, team projects, coursework, presentations, written exams and a dissertation.

* 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
- Designing Sustainable Futures
- Environmental Pollution
- Introduction to Urban and Environmental Economics
- Applied Project

**OPTIONS**
- Rural Planning
  (Course units may change)

**FIND OUT MORE:**
www.seed.manchester.ac.uk/planning
A choice of optional units lets you tailor your degree to your personal/professional interests and your future career aspirations.

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

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

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:
- Environmental Policies, Protection and Designation
- Designing Sustainable Futures
- Landscape Ecology
- Sustainable Communities Project

OPTIONS
- Professional Placement
  (Course units may change)

FIELDWORK
- Environment and Development Fieldtrip to Portugal

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
ENVIRONMENTAL MANAGEMENT
BA (HONS)

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
- Environmental Management Project
- Green Infrastructures and Sustainable Cities

OPTIONS
- The Nuclear Age
- Environment and Development
- Environmental Management Project
- Appraisal and Auditing
(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 environmental management most appropriate to the topic selected.

FIND OUT MORE:
www.seed.manchester.ac.uk/planning
Effective planning is crucial in an age when governments and societies all over the world are struggling to deliver sustainable development. The BA Urban and Regional Planning is a three-year degree providing a basic academic and professional training 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.

**Core Units Typically Include:**
- Cities and Society
- Introduction to Real Estate
- Planning History
- Designing Sustainable Futures
- Applied Project
- Introduction to Urban and Environmental Economics
- Rural Planning

**Options**
- The History of Planning
- Urban Ecology

(Course units may change)

**Fieldwork**
A programme of day fieldtrips around the North West both in induction week and associated with individual course units.

**Year One**

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

**Contemporary Topics**
Planning; sustainable cities and development; urban design and regeneration; real estate; communities/neighbourhoods and environmental management.

**Skill Development**
Practical skills in computer-aided design (CAD); geographical information systems (GIS); Photoshop; and SketchUp.

**Find Out More:**
www.seed.manchester.ac.uk/planning
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:
- Policies for Cities and Regions
- Plan Making and Development
- Sustainable Communities Project

OPTIONS
- Design Sustainable Futures
- Environmental Planning and Protection
(Course units may change)

FIELDWORK
- Environment and Development Fieldtrip to Portugal

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

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

SPECIALIST KNOWLEDGE
Develop the specialist knowledge essential for a career in the planning and urban design sector.

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 Law
- Urban Theory, Planning Theory and Professional Ethics/Values
- 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 environmental management most appropriate to the topic selected.

FIND OUT MORE:
www.seed.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 BA (Hons) Urban and Regional Planning (see pages 20 to 25 for details). The fourth year of study is at master's level and provides professional training in planning.

**YEAR FOUR**

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 BA (Hons) Urban and Regional Planning (see pages 20 to 25 for details). The fourth year of study is at master's level and provides professional training in planning.

**MALE/FEMALE**

♂ 40%  ♀ 60%

**HOME/INTERNATIONAL**

80% / 20%

**CORE UNITS TYPICALLY INCLUDE:**
- Infrastructure Planning
- Applied Spatial Analysis
- Professional Practice and Ethics
- Land and Development
- Neighbourhood Planning

**OPTIONS**
- Planning for Environmental Change
- Local Economic Development
- International Planning: Systems and Framework
- Best Practice Case Studies in Urban Development Planning

**OVERSEAS FIELDWORK**
- Gain an international perspective through practitioner-led presentations and site visits in another country.

**CLIENT-BASED PROJECT**
- Build industry links by tackling a real-life brief set by an external client.

**PROFESSIONAL TRAINING**
- Develop specialist knowledge for a career in the planning and urban design sector.

**FIND OUT MORE:**
www.seed.manchester.ac.uk/planning

**ENVIRONMENTAL IMPACT ASSESSMENT**
- Environmental Impact Assessment
- Environmental Impact Assessment Project
- Client-based Project
- Professional Practice and Placement
- Real Estate Law in Practice
- Property Valuation
- Strategic Asset Management
(Course units may change)

**FIELDWORK**
- International Fieldwork – study planning practice, governance and institutional frameworks, issues of localism, and zoning control in another country, region or city.
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 BA (Hons) Urban and Regional Planning (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.

**YEAR FOUR**

**DURATION**
4 years

**MASTER OF PLANNING WITH REAL ESTATE**
(MPRE INTEGRATED MASTER’S)

**CORE UNITS TYPICALLY INCLUDE:**
- Land and Development
- Strategic Asset Management
- Real Estate Investment and Finance
- Real Estate Law in Practice
- Professional Practice and Ethics
- Planning for Environmental Change
- Local Economic Development
- Neighbourhood Planning
- International Planning: Systems and Framework
- Best Practice Case Studies in Urban Development Planning
- Environmental Impact Assessment
- Client-based Project (Course units may change)

**OPTIONS**

**FIELDWORK**
- International Fieldwork – study planning practice, governance and institutional frameworks, issues of localism, and zoning control in another country, region or city.

**PROFESSIONAL TRAINING**
- Develop specialist knowledge for a career in the planning, real estate and property development sector.

**CLIENT-BASED PROJECT**
- Build industry links by tackling a real-life brief set by an external client.

**OVERSEAS FIELDWORK**
- Gain an international perspective through practitioner-led presentations and site visits in another country.

**FIND OUT MORE:**
www.seed.manchester.ac.uk/planning

**MALE/FEMALE**
♂ 73%  ♀ 27%

**HOME/INTERNATIONAL**
91% / 9%
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.

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

The University of Manchester’s Students’ Union is the biggest students’ union in the UK; it will provide you with the space, resources and support to make the most of your time at university.

ALL FOR ONE
AND ONE (PLANET) FOR ALL!

PLUS, WITH MORE THAN 400 societies
OFFERING EVERYTHING FROM KNITTING TO SCUBA DIVING, YOU’RE SURE TO FIND THE RIGHT SOCIETY FOR YOU.

IF THERE ISN’T, YOU’LL GET HELP TO CREATE YOUR OWN.

Become a tree musketeer
## Entry Requirements

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<th>GCSE or Equivalent</th>
<th>A-Level</th>
<th>International Baccaulaureate</th>
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<tr>
<td>Environmental Management BA</td>
<td>F851</td>
<td>C/4 English Language &amp; Mathematics</td>
<td>ABB</td>
<td>32 POINTS OVERALL (6,5,5 AT HIGHER LEVEL)</td>
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<td>Urban and Regional Planning BA</td>
<td>P345</td>
<td>C/4 English Language &amp; Mathematics</td>
<td>ABB</td>
<td>32 POINTS OVERALL (6,5,5 AT HIGHER LEVEL)</td>
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<tr>
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<td>K401</td>
<td>C/4 English Language &amp; Mathematics</td>
<td>ABB</td>
<td>32 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>32 POINTS OVERALL (6,5,5 AT HIGHER LEVEL)</td>
</tr>
</tbody>
</table>

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

www.seed.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 2017 for the purposes of the 2018 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 2018 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