

Course Specification

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Produced By:	Laura Clode
Status:	Validated

Core Information

Awarding Body / Institution:	University of Wolverhampton		
School / Institute:	International Academy		
Course Code(s):	MA016Z01UV	Full-time	12 Months
Course Title:	Pre-Masters in Engineering		
Hierarchy of Awards:	University Statement of Preparatory Studies Pre Masters in Engineering		
Language of Study:	English		
Date of DAG approval:	25/Sep/2017		
Last Review:	2017/8		
Course Specification valid from:	2015/6		
Course Specification valid to:	2023/4		

Academic Staff

Course Leader:	Ms Carol Bailey
Head of Department:	Mrs Angela Molinari

Course Information

Location of Delivery:	University of Wolverhampton
Category of Partnership:	Not delivered in partnership
Teaching Institution:	University of Wolverhampton
Open / Closed Course:	This course is open to all suitably qualified candidates.

Entry Requirements:

Entry requirements are subject to regular review. The entry requirements applicable to a particular academic year will be published on the University website (and externally as appropriate e.g. UCAS)

This course is designed for international students who have achieved at least the equivalent of a UK non-honours or third class degree, i.e. fall short of the academic qualification for entry directly to a Master's. Our Regional Offices, in-country Education Advisers and UK-based Admissions team can advise on how applicants' qualifications equate to UK study levels.

There is one entry point to this Pre-Masters course:

- September (two semester route). Applicants should hold a non-honours/ordinary degree in a subject cognate with the destination Masters course. They should provide evidence of an English level equivalent to IELTS 5.5 (with minimum 5.5 in all elements) or above.

Where a top-up degree in the chosen subject already exists, candidates holding IELTS 6.0 or above (with minimum 5.5 in all elements) are advised to apply for this rather than for the Pre-Masters route.

Distinctive Features of the Course:

1. The Pre-Masters course will enable you to develop your academic English language ability while building up knowledge, expertise and academic credits in your subject area, to the point where you are ready to enter postgraduate study.
2. Working together with UK students on your subject modules will help you integrate more fully into the life of the University, before you begin your postgraduate degree.
3. The University of Wolverhampton has invested significantly in its teaching facilities, and receives consistently high student satisfaction ratings with regard to learning resources and IT infrastructure. This course will provide you with the skills you need to fully exploit our excellent resources.
4. Depending on which Pre-Masters route you have completed, you may progress onto one of the following MSc courses at the University of Wolverhampton (or a similar course at another UK University which recognises the programme):
 - MSc Manufacturing Engineering
 - MSc Advanced Technology Management (Engineering Analysis)
 - MSc Advanced Technology Management (Manufacturing)
 - MSc Advanced Technology Management (Sustainability)

Educational Aims of the Course:

As a student on the Pre-Masters, you will develop;

- a strong foundation for study in your chosen subject area
- academic language and research skills which will help you think critically, become an independent

learner and successfully articulate your views

In this course, you will study a mixture of subject specific modules and more general modules that will deepen your English language and Higher Education learning skills. The subject modules are principally set at NQF level six, but may include an essential skills module from level 5. The English language modules will include a focus on your subject context.

These will develop your capabilities to study in your chosen subject, at a level that will enable you to begin a postgraduate degree at the University of Wolverhampton or another UK University which recognises the programme.

Intakes:

September

Major Source of Funding:

OTHER FUNDING

Tuition Fees:

Tuition fees are reviewed on an annual basis. The fees applicable to a particular academic year will be published on the University website.

Year	Status	Mode	Amount
2017/8	H	Full Time	£8500.00
2017/8	EU	Full Time	£8500.00
2017/8	Overseas	Full Time	£8500.00
2018/9	Overseas	Full Time	£8670.00
2018/9	HEU	Full Time	£8670.00
2019/0	Overseas	Full Time	£8670.00
2020/1	Overseas	Full Time	£8670.00

PSRB:

MA016Z01UV (Full-time)

Professional Accreditation Body:
The British Council

Approved	Start	Expected End	Renewal
06/Mar/2018	31/Mar/2022	31/Mar/2022	01/Apr/2022

Course Structure:

Please note: Optional modules might not run every year, the course team will decide on an annual basis which options will be running, based on student demand and academic factors, to create the best learning experience.

Learning, Teaching and Assessment

Academic Regulations Exemption:

Section 4.4.3 - Exemption from the requirement to compensate marginal failure of a Level 6 module.

Approved by AFRSC on 24th May 2012.

Reference Points:

FHEQ Level Descriptors

QAA – (FHEQ), (2008) *Framework for higher education qualifications in England, Wales and Northern Ireland*

Equality Act 2010

Learning Outcomes:

UC Course Learning Outcome 1 (UCCL01)

Identify key concepts and theories appropriate to your chosen subject context.

UC Course Learning Outcome 2 (UCCL02)

Address complex problems using techniques of analysis and enquiry appropriate to your discipline.

UC Course Learning Outcome 3 (UCCL03)

"Demonstrate a range of transferable skills appropriate to your chosen Masters course and subsequent career, including: communication skills, the ability to initiate and carry out projects independently, and digital/information literacy."

Overview of Assessment:

Module	Title	Course Learning Outcomes
5MA002	Materials and Manufacturing Technology	UCCL01, UCCL02
5MA008	Finite Element Simulation and Validation	UCCL01, UCCL02, UCCL03
5MA013	Thermodynamics and Fluids	UCCL01, UCCL02, UCCL03
5MA014	Materials and Manufacturing Engineering	
6EG010	English in Context 1	UCCL02, UCCL03
6EG014	Academic English for International Students	UCCL01, UCCL02, UCCL03
6GK009	Preparing for Postgraduate Study	UCCL01, UCCL02
6MA002	CAD and Product Development	UCCL01, UCCL02, UCCL03
6MA011	ESEE: Economic, Social, Ethical and Environmental	UCCL01, UCCL03
6MA014	Aerodynamic Design and Analysis	UCCL01, UCCL02
6MA016	Structural Mechanics and Stress Analysis	UCCL01, UCCL02
6MA018	Product Realisation and Materials	UCCL01, UCCL02, UCCL03
6MA034	Machines Design and Reliability	

Teaching, Learning and Assessment:

Depending on the subject of study, you may undertake any of the following:

- Reading – both core and supplementary reading from books, journals and electronic sources
- Case Analysis – to look at the application of theory and practice, to identify problems and recommend solutions.
- Group discussions – on provided themes to draw out and share personal experiences and learning amongst the wider group.
- Student presentations/student led seminars.
- Problem-based learning approaches.
- Lectures and workshops.
- Group and individual tutorials
- Personal reflection.
- Group role play and project work.
- Assessment preparation and feedback.
- Individual and group presentations.
- Peer feedback
- Laboratory based practicals

Assessment Methods:

At the University of Wolverhampton, a variety of modes of assessment will be used to support and test your learning and progress and to help you develop capabilities that are valued beyond your University studies and into your working life. Your course may include a variety of assessment activities:

Written examinations (including online examinations, open and closed book examinations and quizzes)
 Coursework (for example, essays, reports, portfolios, project proposals and briefs, CVs, poster presentation)
 Practical (for example, oral and video presentations, laboratory work, performances, practical skills assessment)

In the final year of your undergraduate degree, and at the end of your postgraduate degree, you are likely to be expected to write an extended piece of work or research, such as a dissertation or a practice-based piece of research.

Student Support:

A core strand through this course is the development of learning skills appropriate to both general and subject-specific study. In some modules the development of these skills are explicit; in others they are embedded within the curriculum. Tutorials, workshops, seminars and meetings provide the primary opportunities for students to interact with staff on module-related topics. All modules provide at least one of these forms of face-to-face support.

The English modules will help enhance key language skills to enable postgraduate study.

You will also be able to access the learning services of the University of Wolverhampton. For example:

- Learning & Information Services (LIS) provide general academic skills support to all students. You can attend a drop-in session for an individual, one-on-one discussion with a Learning and Skills Librarian for advice on areas such as academic writing, assignment planning, exam preparation and time management. In addition, there is a regular timetable of bookable workshops covering information and digital literacy skills, including academic referencing. Students are supported by a designated Liaison Librarian who is available to support research and project work. Further details on the LIS skills for learning page http://www.wlv.ac.uk/lib/skills_for_learning.aspx.
- In the Faculty Student Services you can find advice on matters such as enrolment, course transfers, extensions to work deadlines, timetabling, transcripts of study, academic regulations, finance, visas, immigration, and graduation.
- The University Counselling Service offers individual appointments, and workshops on topics such as confidence-building, stress management, time management and giving presentations. <http://www.wlv.ac.uk/counselling>
- The Students' Union Advice and Support Centre (located in MD Building on City Campus), offers independent advice and guidance on areas as diverse as academic, finance, international and housing matters, impartially and in confidence. The ASC also has a wealth of generic information to support students in areas such as health, consumer, employment, legal and personal matters.

On beginning your course, you will be assigned a personal tutor, who will help you reflect on your learning progress, act on assessment feedback, and collect evidence of your achievement for future employers.

Feedback – module tutors provide personalised written feedback following all summative assessments. The mechanism for feedback from formative tasks varies between assessments, but will always be provided in some form. On occasion tutors may provide generalised verbal feedback to the whole group on points relating to an assessment. You may also be asked to give feedback to your peers and to your tutors.

Employability in the Curriculum:

The aim of this course is to allow successful candidates to progress onto a Master's course in their chosen area at the University of Wolverhampton or at another UK University which recognises the programme. This will enhance employment opportunities in the future.

