

## Course Specification

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Status:	Validated

## Core Information

Awarding Body / Institution:	University of Wolverhampton		
School / Institute:	School of Engineering, Computing, and Mathematical Sciences		
Course Code(s):	CI001P01UV CI001P31UV	Full-time Part-time	12 Months 2 Years
UCAS Code:			
Course Title:	MSc Information Technology Management		
Hierarchy of Awards:	Master of Science Information Technology Management Postgraduate Diploma Information Technology Management Postgraduate Certificate Information Technology Management University Statement of Credit University Statement of Credit		
Language of Study:	English		
Date of DAG approval:	30/May/2017		
Last Review:	2015/6		
Course Specification valid from:	2010/1		
Course Specification valid to:	2021/2		

## Academic Staff

Course Leader:	Dr Ian Coulson
Head of Department:	

# Course Information

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

## Entry Requirements:

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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

A lower second honours degree or equivalent in a related subject is required for direct entry onto the Master's programme.

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A postgraduate certificate in a related subject or equivalent with a minimum of grade C in all modules.

## Distinctive Features of the Course:

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This course will appeal to anyone who is looking to advance in Information System Management. The topics are practical, with an emphasis on the application of the knowledge gained and applied to many learning situations, including the use of case studies, live round-table debate, team-working exercises, applied coursework, blended learning environments, and independent study. You will be encouraged to gain knowledge in your field through extensive reading, and to apply this research in a more formal way. The completion of a dissertation demonstrates the range of academic and professional skills gained at the University of Wolverhampton. Students will have support within classroom time and dedicated workshops, small working groups, and personal tutors to develop the student to help gain a higher level of achievement.

You will also have the benefit of relevant experience of staff in disciplines.

## Educational Aims of the Course:

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This course is ideally suited to you if you have limited, or no experience of IS/IT management or if you are an existing IS/IT practitioner seeking to enhance your IS/IT management skills. On this course you will develop both a depth of knowledge and understanding of the management of information systems (IS) and information technology (IT) and skills to reflect a high level of professional competency and leadership. These will enable you to apply what you have learnt to a business context in all types of organisation. In addition, you will be able to integrate advanced theoretical concepts with contemporary and relevant applications within appropriate frameworks.

On this course you will develop both academic and professional skills that will help you effectively manage research and problem-solving. You will be able to demonstrate critical reflective analysis through continuous evaluation, analysis and synthesis of concepts and contexts, key skills for a successful IS/IT manager.

## Intakes:

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September

## Major Source of Funding:

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Office for Students (OFS)

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
2021/2	H	31	£3275.00
2022/3	H	Full Time	£7995.00
2022/3	Overseas	Full Time	£14450.00
2022/3	H	31	£3998.00
2023/4	H	Full Time	£8395.00
2023/4	Overseas	Full Time	£15450.00
2023/4	H	31	£4198.00
2024/5	H	Full Time	£8815.00
2024/5	Overseas	Full Time	£15950.00
2024/5	H	31	£4408.00

PSRB:

None

Course Structure:

January (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CC015	Systems Acquisition and IS/IT Management	20	SEM2	Core
7CI011	Applied Project Management	20	SEM2	Core
7CI014	Hardware and Software Systems	20	SEM2	Core
7CS106	ITM and Computer Science Dissertation	60	SEM3	Core

January (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CC009	Research Methods in Computing	20	SEM1	Core
7CI006	Data Management	20	SEM1	Core
7CS018	Information Assurance	20	SEM1	Core

Continuing students will follow the programme indicated below:

## January (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CC009	Research Methods in Computing	20	SEM1	Core
7CI006	Data Management	20	SEM1	Core
7CI017	IS/IT Management	20	SEM1	Core

## September (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
7CS106	ITM and Computer Science Dissertation	60	SEM3	Core
7CC009	Research Methods in Computing	20	SEM1	Core
7CI006	Data Management	20	SEM1	Core
7CS018	Information Assurance	20	SEM1	Core
7CC015	Systems Acquisition and IS/IT Management	20	SEM2	Core
7CI011	Applied Project Management	20	SEM2	Core
7CI014	Hardware and Software Systems	20	SEM2	Core

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:

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None.

Reference Points:

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School of Technology E&D policy, 2010

Equality Act 2010

Skills Framework for the Information Age (SFIA v4G, 2010)

The Institute for the Management of Information Systems (IMIS) Criteria (2010)

QAA Computing Subject Benchmark.

## Overview of Assessment:

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As part of the course approval process, the course learning outcomes were mapped to each of the modules forming the diet of the programme of study. This process confirmed that all course learning outcomes can be met through successful completion of the modules. This mapping applies to the final award as well as to all of the intermediate awards.

Learning Outcomes	Modules
<b>PGCERT01</b> Demonstrate a systematic understanding of knowledge, and a critical awareness of current problems and/or new insights, much of which is at, or informed by, the forefront of your academic discipline, field of study or area of professional practice with a conceptual understanding that enables the student: (a) to evaluate critically current research and advanced scholarship in the discipline (b) to evaluate methodologies and develop critiques of them and, where appropriate, to propose new hypotheses.	
<b>PGCERT02</b> Demonstrate a comprehensive understanding of techniques applicable to your own research or advanced scholarship and ability to continue to advance your knowledge and understanding, and to develop new skills to a high level.	
<b>PGCERT03</b> Demonstrate originality in the application of knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in the discipline.	
<b>PGCERT04</b> Ability to deal with complex issues both systematically and creatively, make sound judgements in the absence of complete data, and communicate your conclusions clearly to specialist and non-specialist audiences.	
<b>PGCERT05</b> Demonstrate self-direction and originality in tackling and solving problems, and act autonomously in planning and implementing tasks at a professional or equivalent level.	
<b>PGCERT06</b> Demonstrate the qualities and transferable skills necessary for employment requiring: (a) the exercise of initiative and personal responsibility (b) decision-making in complex and unpredictable situations (c) the independent learning ability required for continuing professional development.	
<b>PGDIP01</b> Demonstrate a systematic understanding of knowledge, and a critical awareness of current problems and/or new insights, much of which is at, or informed by, the forefront of your academic discipline, field of study or area of professional practice with a conceptual understanding that enables the student: (a) to evaluate critically current research and advanced scholarship in the discipline (b) to evaluate methodologies and develop critiques of them and, where appropriate, to propose new hypotheses.	
<b>PGDIP02</b> Demonstrate a comprehensive understanding of techniques applicable to your own research or advanced scholarship and ability to continue to advance your knowledge and understanding, and to develop new skills to a high level.	
<b>PGDIP03</b> Demonstrate originality in the application of knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in the discipline.	

Learning Outcomes	Modules
<p><b>PGDIP04</b> Demonstrate the ability to deal with complex issues both systematically and creatively, make sound judgements in the absence of complete data, and communicate your conclusions clearly to specialist and non-specialist audiences.</p>	
<p><b>PGDIP05</b> Demonstrate self-direction and originality in tackling and solving problems, and act autonomously in planning and implementing tasks at a professional or equivalent level.</p>	
<p><b>PGDIP06</b> Demonstrate the qualities and transferable skills necessary for employment requiring: (a) the exercise of initiative and personal responsibility (b) decision-making in complex and unpredictable situations (c) the independent learning ability required for continuing professional development</p>	
<p><b>MA01</b> Evaluate and learn to apply appropriate theories, tools and techniques to a range of IT Management situations; develop and apply IT Management strategies through case studies or practical business contexts. Students will learn to see the IT system from both an IT and organisational perspective.</p>	
<p><b>MA02</b> Critically evaluate the complex issues related to Data governance, the structure of data management, and the frameworks for managing data successfully.</p>	
<p><b>MA03</b> Co-ordinate and apply both project management and quality assurance techniques to complex project situations; professionally evaluate benefits gained and lessons learnt through practical application.</p>	
<p><b>MA04</b> Make informed decisions on the management of modern information systems architectures, justifying choices for given situations.</p>	
<p><b>MA05</b> Appraise, critique and evaluate the most appropriate methods for the Acquisition, Development and Implementation of Information Technology and Systems within a variety of contexts.</p>	
<p><b>MA06</b> Conduct research into advanced areas of IT Management, deal professionally with complex issues (by understanding and addressing a range of ethical, social and legal issues as they occur), make sound judgements in the absence of complete data and communicate conclusions clearly through appropriate media.</p>	

## Teaching, Learning and Assessment:

### Learning Activities:

Work through ill-defined or open-ended problems in a variety of scenarios during workshop/tutorial sessions and in assessments, including individual and group-based exercises to reinforce learning. Students will develop the ability to identify, understand and mitigate risk in organisations – and how to organise for positive risk.

Apply a variety of techniques in a structured way to data governance problems and to well-defined and ill-defined situations, and apply appropriate techniques to suggest and implement solutions and policy.

Students will be able to apply project management techniques to project situations requiring coordination and quality assurance. Students will gain a thorough knowledge of the need and tools to start up a project, and measure the benefits gained and capturing lessons learned at the end of a project.

Work through technique and methodology-centred problems using comparative analysis and the application of project management principles to case studies; presenting results orally, individually and in groups.

Apply a variety of techniques in a structured way to open-ended problems and to well-defined and ill-defined situations. Reflect on the results of problem solving; making recommendations based on evidence and reflection.

Students will learn consideration of Resource Management, and working with a variety of organisational criteria throughout coursework programme.

Assimilate knowledge from journal papers, lectures, text books, professional sources, original articles, self study notes, and selected sites on the internet to then develop and implement Information Management strategy in the form of reports, presentations, invitation to tender bids, implementation plans and development strategies applied to case studies and workplace situations, as appropriate.

Students will understand the hardware components of information systems and the system architectures in which systems reside. This will include practical hands on knowledge of installing hardware, the methods available to install larger system software, and patching the operating systems as required – a practical understanding of hardware and software relationships. Students will engage in financial exercises to assess and implement IS systems.

### Assessment Methods:

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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:

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University provided support:

As well as providing general counselling support the University Counselling Service provides short courses on topics such as "Self Confidence", "Stress Management and Relaxation" and "Life Skills". They also provide study skills and academic support, providing short courses such as provide help in areas such as "Writing and Assignment Skills", "Exam Techniques", "Enhancing Professional Skills", "Personal Development Planning" and "Making Choices for the Future.

University Libraries provide general academic skills support to all students. You can make an appointment with a study skills advisor for advice on areas such as academic writing, assignment planning, exam preparation, and time management. In addition, there is a regular timetable of drop-in and bookable workshops covering information and digital literacy skills, including academic referencing. School of Technology students are supported by a designated subject librarian who is available to support research and project work.

Course support:

At the start of your course you will be assigned a Personal Tutor who will guide you through the induction process and provide support and academic counselling throughout your course on an appointment basis. They should be able to offer you advice and guidance to help you liaise with other staff and support facilities in the School and University.

The Student Support Advisers (SSA) provides academic counselling and will be accessible throughout the week on a drop-in or appointment basis to discuss timetables, requests for extensions, requests for extenuating circumstances, general concerns about study and student life and general programme planning. The SSA will act as a first point of contact in relation to leave of absence (including returning after leave), withdrawal, transferring to another course (internal and external) and changes to mode of attendance. Your Course Leader will be available thereafter for meetings by appointment to discuss leave of absence, withdrawal, transferring to another course (internal and external), changes to mode of attendance, returning after leave of absence and direct entrants.

#### Subject support:

Tutorials, workshops, seminars and meetings - provide the primary opportunities for students to interact with staff on topics relating to modules. All modules provide at least one of these forms of face-to-face support.

Formative feedback - tutors provide personalised written feedback on most summative assessments. The mechanism for feedback from purely formative tasks varies between assessments, but will always be provided in some form. Online formative tasks often provide feedback straight away. On occasions tutors may provide generalised verbal feedback to the whole class on points relating to an assessment

Assessment and subject-based surgeries provide additional student support for subjects that students often need extra help with. They are often concentrated around the times when assessments take place. Revision sessions are provided for many modules that have exam-like tests and enable you to interact with tutors to review parts of the course. Mock exams and tests may provide opportunities to experience an examination environment before the final summative test and give you feedback on your understanding.

#### International students:

The International Support Team will provide pre and post entry visa and immigration support and advice on and arrange for the necessary paperwork to be submitted to UKVI. They will also provide appropriate University induction support on arrival and be a point of contact for international students throughout their stay here. A range of social and cultural activities will also promote the integration of international students into the whole of the University's learning community. English language support is also available.

#### Employability in the Curriculum:

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The opportunities for the graduate of IT Management courses include but are not limited to:

- Business analyst
- IT manager
- E-business manager
- Technical business advisor
- Sustainability coordinator

The IT Industry needs management professionals who can leverage the IT system in such a way as to make it not a "back-office" expense, but rather a "front-office", financially viable way of competing and adding value to the organisation. There is a great need for such skills in the current marketplace.

