UNIVERSITY OF Southampton

Programme Specification 2019/20

3668 (FT), 3669 (PT) MSc Knowledge and Information Systems Management

This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if s/he takes full advantage of the learning opportunities that are provided.

Awarding Institution	University of Southampton
Teaching Institution	University of Southampton
Mode of study	Full time (3668) or part time (3669)
Duration in years	1 year (12 months) following standard progression for a full-time student. 2 years (24 months) following standard progression for a part-time student
Accreditation details	Advance Collegiate Schools of Business (AACSB)
Final Award	Master of Science
Name of award	Knowledge and Information Systems Management
Interim Exit awards	Postgraduate Certificate, Postgraduate Diploma
FHEQ level of final award	7
UCAS code	N/A
QAA Subject Benchmark or other external reference	Masters awards in Business and Management
Programme Lead	Dr Hameed Chughtai
Date specification was written	01/09/2012
Date Programme was validated	20/05/2015
Date Specification last updated	27/4/2018

Programme overview

Brief outline of the programme

To be competitive in today's knowledge-driven economy, businesses need to effectively manage an ever increasing range of information sources and technologies, develop analytics capabilities to tap into new sources of "big" data to produce new insights about their customers or business processes, as well as design processes and platforms that enable them to share this newly gained organisational knowledge among employees. Central to all of this are *information systems* and *knowledge management*, i.e. the means or processes by which people and organisations, utilising technologies, create or gather, process, store, use and disseminate or share management information and organisational knowledge.

The Knowledge and Information Systems Management (KISM) Masters programme is designed to introduce you to and develop deeper knowledge and understanding of the effective development, use and management of knowledge management and information systems in businesses and other organisations, and the information and communication technologies (ICTs) that support them. The MSc in KISM emphasises knowledge management and information systems practice as well as the theories underpinning it, and integrates technological, managerial and social aspects of the subject. The programme is particularly suitable for (but not restricted to) those of you with a prior degree in a more technology-oriented subject (such as computer science or other engineering disciplines) or with some experience in the IT sector, and will enable you to supplement your knowledge and existing skill set with a more business/management-oriented MSc degree.

The KISM programme does not provide detailed coverage of technical skills such as programming and software engineering. Instead, you will among other things learn to appreciate the strategic applications of information systems and e-business (in the modules MANG6247 and MANG6144, respectively), and evaluate the implications of existing or emerging technologies such as social media, cloud computing (e.g. MANG6247, MANG6180), Knowledge Management and Business Intelligence (MANG6038) and big data storage/analytics (e.g. MANG6119, MANG6038), etc. for the nature of work and organisational competitive advantage. It provides an excellent basis for those of you who wish to have careers in knowledge and information systems management or carry out research in the discipline.

You will learn through a series of teaching and learning activities and assessment methods designed to advance your theoretical grounding in the discipline as well as your ability to function more effectively in a work environment. For example, during the programme, you will present some of your work in class, work together in teams to produce a business proposal, etc.

Your contact hours will vary depending on your module/option choices. Full information about contact hours is provided in individual module profiles.

The programme is accredited by the Association to Advance Collegiate Schools of Business (AACSB), which is an internationally recognised award of excellence in business education.

Learning and teaching

You will gain understanding and knowledge through a range of methods including lectures, workshops, computer laboratories and class discussions.

Assessment

The programme uses a variety of assessment methods including written assignments (essays, reports), presentations, and examinations.

Educational aims of the programme

The aims of the programme are to:

- Introduce you to the effective use and management of knowledge and information, and the information technology and systems which support their use and management, in businesses and other organisations.
- Provide you with a broad understanding of the field, with an emphasis on practical application.
- Provide you with an awareness of contemporary theory in the field, highlighting issues of particular interest and their implications for practice.
- Provide you with an ability to undertake rigorous, independent research in knowledge and information systems management.

The relevant QAA subject benchmark is that for Masters awards in Business and Management. Knowledge & Information Systems Management (KISM) corresponds to the benchmark's Programme Type IA, Specialist (career entry).

Programme learning outcomes

A. Knowledge and understanding

Having successfully completed this programme you will be able to demonstrate knowledge and understanding of:

A1. Principles, concepts and theories underpinning the practice of knowledge and information systems management, development and use.
A2. The social and organisational aspects of knowledge and information systems management.
A3. The strategic application of knowledge and information systems.
A4. Principles, concepts, and theories relevant to disciplines related to knowledge and information systems management.
A5. Research methods in knowledge and information systems management research.

Teaching and learning methods
You will gain understanding and knowledge through a range of methods including lectures, workshops, computer laboratories and class discussions.

Assessment methods
These are intentionally varied, to cater for different learning styles. The knowledge and understanding outcomes will be most specifically assessed through examinations, written assignments (essays, reports) and presentations.

B. Subject specific intellectual and research skills

Having successfully completed this programme you will be able to:

B1. Evaluate the effective development and use of information and knowledge management technologies and systems in organisations.
B2. Evaluate the implications of emerging technologies for the nature of work and competitive advantage.
B3. Carry out independent research on topics in knowledge and information systems management.

B4. Understand the relationship between ICTs and globalisation and have an international perspective.

Teaching and learning methods
You will learn through workshop sessions and class exercises which are designed to facilitate the development of your practical and evaluative skills, while lectures and discussions aim to provide you with the conceptual and theoretical background and an appreciation of the issues involved in the successful practical application of theory.

Assessment methods
In general, coursework essays and reports on practical work test a variety of abilities, including practical ability, while more theoretical knowledge is tested by formal examinations. The dissertation is a test of your ability to engage in a substantial research project, possibly of a practical or practice-related nature (cf. outcome B3).

C. Transferable and generic skills

Having successfully completed this programme you will be able to:

C1. Conduct and use searches of literature.
C2. Contribute confidently and appropriately to discussion.
C3. Work effectively as part of a task-orientated group.
C4. Manage a project, with due attention to time and resource management.
C5. Demonstrate confidence in your own ability to learn new concepts.
C6. Write an effective and comprehensive report.

Teaching and learning methods
Most modules develop some combination of the above key skills. The dissertation involves creativity, information acquisition, assessment skills and significant report writing skills.

Assessment methods
Presentations, group work or practical computer work will be assessed in some modules. Coursework requires the submission of well-structured, concisely written, word-processed analysis.

D. Subject specific practical skills

Having successfully completed this programme you will be able to:

D1. Participate effectively in knowledge and information systems management, development and research.

Teaching and learning methods
Specific modules will introduce you to particular practical topics. These will be taught through laboratory workshops as well as through conventional lectures, classes and group work.

Assessment methods
These skills will be assessed within relevant modules.

Programme structure

Typical course content

The programme can be taken full-time (in one year) or part-time (usually over two years). The full-time programme involves nine months of taught study. This period is divided into two semesters, with examinations at the end of each semester. It is then followed by three months of work on a dissertation. The part-time programme typically involves taught study over two nine-month periods, followed by work for six months on a dissertation.

Where optional modules have been specified, the following is an indicative list of available optional modules, which are subject to change each academic year. Please note in some instances modules have limited spaces available.

Information about pre and co-requisites is included in individual module profiles.

Programme details

The scheme of study comprising the taught programme part requires students to take modules totalling 60 ECTS (120 CATS) points. Individual modules are rated either as 3.75 ECTS (7.5 CATS) or 7.5 ECTS (15 CATS). The programme comprises nine compulsory taught modules totalling 52.5 ECTS (105 CATS) and option modules totalling 7.5 ECTS (15 CATS). All modules are at Masters Level.

Optional modules provide opportunities to broaden understanding or to specialise in specific areas related to the discipline. Due to timetabling restrictions, not all options may be available in any given year.

The dissertation module (MANG6095) provides an opportunity for students to develop, execute and write out a piece of research into a specific aspect relevant to the programme. Projects are undertaken by individual students under supervisory guidance. The dissertation is rated at 30 ECTS (60 CATS) points and is a core module.

Summary structure of the programme

See Appendix 3

Assessment mapping

See Appendix 2

Additional costs

Students are responsible for meeting the cost of essential textbooks, and of producing such essays, assignments, laboratory reports and dissertations as are required to fulfil the academic requirements for each programme of study. Costs that students registered for this programme typically also have to pay for are included in **Appendix 4.**

Progression requirements

The programme follows the University's regulations for **Progression, Determination and Classification of Results: Standalone Masters programmes** as set out in the University Calendar.

Intermediate exit

You will be eligible for an interim exit award if you complete part of the programme but not all of it, as follows:

Qualification	Minimum overall credit in ECTS/CATS credits	Minimum ECTS/CATS credits required at level of award
Postgraduate Diploma	at least 60 ECTS / 120 CATS	45 ECTS / 90 CATS
Postgraduate Certificate	at least 30 ECTS / 60 CATS	20 ECTS /40 CATS

Support for student learning

There are facilities and services to support your learning some of which are accessible to students across the University and some of which will be geared more particularly to students in your particular Faculty or discipline area.

The University provides:

- library resources, including e-books, on-line journals and databases, which are comprehensive and up-to-date; together with assistance from Library staff to enable you to make the best use of these resources.
- high speed access to online electronic learning resources on the Internet from dedicated PC Workstations onsite and from your own devices; laptops, smartphones and tablet PCs via the Eduroam wireless network. There is a wide range of application software available from the Student Public Workstations.
- computer accounts which will connect you to a number of learning technologies for example, the Blackboard virtual learning environment (which facilitates online learning and access to specific learning resources)
- standard ICT tools such as Email, secure filestore and calendars.
- access to key information through the MySouthampton Student Mobile Portal which delivers timetables, Module information, Locations, Tutor details, Library account, bus timetables etc. while you are on the move.
- IT support through a comprehensive website, telephone and online ticketed support and a dedicated helpdesk in the Hartley Library.
- Enabling Services offering support services and resources via a triage model to access crisis management, mental health support and counselling.
- assessment and support (including specialist IT support) facilities if you have a disability, long term health problem or Specific Learning Difficulty (e.g. dyslexia)
- the Student Services Centre (SSC) to assist you with a range of general enquiries including financial matters, accommodation, exams, graduation, student visas, ID cards.
- Career Destinations, advising on job search, applications, interviews, paid work, volunteering and internship opportunities and getting the most out of your extra-curricular activities alongside your degree programme when writing your CV.
- Other support that includes health services (GPs), chaplaincy (for all faiths) and 'out of hours' support for students in Halls (18.00-08.00).

- A Centre for Language Study, providing assistance in the development of English language and study skills for non-native speakers.

The Union Southampton provides:

- an academic student representation system, consisting of Course Representatives, Academic Presidents, Faculty Officers and the Vice-President Education; Union Southampton provides training and support for all these representatives, whose role is to represent students' views to the University.
- opportunities for extracurricular activities and volunteering.
- an Advice Centre offering free and confidential advice including support if you need to make an academic appeal.
- Support for student peer-to-peer groups, such as Nightline.

Associated with your programme you will be able to access:

- A dedicated study skills development induction programme for new entrants in their first week, including a library tour.
- A Personal Academic Tutor.
- A Senior Tutor
- A Programme Handbook.
- Module support material (increasingly in electronic form).

Methods for evaluating the quality of teaching and learning

You will have the opportunity to have your say on the quality of the programme in the following ways:

- Completing student evaluation surveys for each module of the programme.
- Acting as a student representative on various committees, e.g. Staff: Student Liaison Committees, Faculty Programmes Committee OR providing comments to your student representative to feedback on your behalf.
- Serving as a student representative on Faculty Scrutiny Groups for programme validation.
- Taking part in programme validation meetings by joining a panel of students to meet with the Faculty Scrutiny Group.

The ways in which the quality of your programme is checked, both inside and outside the University, are:

- Regular module and programme reports which are monitored by the Faculty.
- Programme validation, normally every five years.
- External examiners, who produce an annual report.
- A national Research Assessment Exercise (our research activity contributes directly to the quality of your learning experience).
- Institutional Review by the Quality Assurance Agency.

Career opportunities

Career opportunities are often related to knowledge management, the management of the IT function or information systems provision within organisations, or IT/digital/web consultancy. Future career paths may for example include roles such as that of IT manager, project lead, business/process analyst, IT/digital consultant, chief knowledge officer or knowledge manager, etc.

External Examiner(s) for the programme

Name Dr Brad McKenna
Institution Norwich Business School

Students must not contact External Examiner(s) directly, and external examiners have been advised to refer any such communications back to the University. Students should raise any general queries about the assessment and examination process for the programme with their Course Representative, for consideration through Staff: Student Liaison Committee in the first instance, and Student representatives on Staff: Student Liaison Committees will have the opportunity to consider external examiners' reports as part of the University's quality assurance process.

External examiners do not have a direct role in determining results for individual students, and students wishing to discuss their own performance in assessment should contact their personal tutor in the first instance.

Please note: This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if s/he takes full advantage of the learning opportunities that are provided. More detailed information can be found in the programme handbook (or other appropriate guide) or online at https://www.sbs.ac.uk/

As a research-led University, we undertake a continuous review of our programmes to ensure quality enhancement and to manage our resources. As a result, this programme may be revised during a student's period of registration; however, any revision will be balanced against the requirement that the student should receive the educational service expected. Please read our Disclaimer to see why, when and how changes may be made to a student's programme.

Programmes and major changes to programmes are approved through the University's programme validation process which is described in the University's Quality handbook.

Revision History

1. Validated 20/05/2015
2. Transferred to new template 29/08/15
3. Transferred to new template 14/03/17
4. Removed Admissions information 27/4/2018

Appendix 1:

3668/3669 MSc Knowledge and Information Systems Management learning outcomes document

Core = (Cr), Optional Core = (OCr), Compulsory = (Cm)

		Knowledge and Understanding					Subject Specific Intellectual skills				Transferable & Generic skills						Subject Specific Practical skills
Module Code	**Module Title**	**A1**	**A2**	**A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**C1**	**C2**	**C3**	**C4**	**C5**	**C6**	**D1**
MANG6119	Introduction to Knowledge & Information Systems Management (Cm)	X	X	X	X	X	X	X		X	X	X			X	X	X
MANG6180	Web Applications (Cm)	X	X		X		X				X	X	X		X	X	X
MANG6248	Information Systems Development (Cm)	X	X	X	X		X	X			X	X			X	X	X
MANG6037	Systems Thinking (Cm)	X	X		X						X	X	X		X	X	X
MANG6247	Information Systems Management & Strategy (Cr)	X	X	X	X		X	X		X	X	X	X		X	X	X
MANG6144	Digital Business & Human-Computer Interaction (Cm)	X	X	X	X		X	X		X	X	X	X		X	X	X
MANG6038	Knowledge Management and Business Intelligence (Cm)	X	X	X	X		X	X			X	X			X	X	X
MANG6129	Qualitative & Quantitative Research (Cm)					X			X		X			X		X	X
MANG6049	Problem Structuring (Cm)		X		X						X	X	X		X		X
MANG6095	MSc Dissertation Project (Cr)	X	X	X	X	X	X	X	X	X	X			X	X	X	X

Appendix 2

3668/3669 MSc Knowledge and Information Systems Management assessment mapping document.

Core and Compulsory modules only.

Module Code	Module Title	Assessment 1	Assessment 2
MANG6037	Systems Thinking (Cm)	Group Coursework (2,500 words) 60%	Individual Coursework (1,000 words) 40%
MANG6038	Knowledge Management and Business Intelligence (Cm)	Group Case Study (6,000 words) 100%	
MANG6049	Problem Structuring (Cm)	Exam (2 hours) 100%	
MANG6095	Dissertation (Cr)	Dissertation (15,000 words) 100%	
MANG6119	Introduction to Knowledge & Information Systems Management (Cm)	Report (2,500 words) 100%	
MANG6129	Qualitative & Quantitative Research (Cm)	Coursework (3,000 words) 100%	
MANG6144	Digital Business & Human-Computer Interaction (Cm)	Group Presentation (25 minutes) 40%	Exam (2 hours) 60%
MANG6180	Web Applications (Cm)	Group Project (web app development proposal) 70%	Assignment 30%
MANG6247	Information Systems Management & Strategy (Cr)	Group Report (3,000 words) 50%	Exam (2 hours) 50%
MANG6248	Information Systems Development (Cm)	Exam (2 hours) 100%	

Appendix 3

3668/3669 MSc Knowledge and Information Systems Management programme structure

All Core and Compulsory modules must be taken.

Students must choose Option module/s totalling 7.5 ECTS/15 CATS by choosing either two 3.75 ECTS/7.5 CATS options or one single 7.5 ECTS/15 CATS

All option modules are offered subject to availability and timetabling constraints.

MANG6095 Dissertation supervision starts in Semester 2 and should be submitted in September 2019.

Semester 1				Semester 2			
Modules	**ECTS**	**CATS**	**Core, Compulsory or Option**	**Modules**	**ECTS**	**CATS**	**Core, Compulsory or Option**
MANG6247 Information Systems Management and Strategy	7.5	15	Core	MANG6095 Dissertation	30	60	Core
MANG6037 Systems Thinking	3.75	7.5	Comp	MANG6038 Knowledge Management and Business Intelligence	7.5	15	Comp
MANG6049 Problem Structuring	3.75	7.5	Comp	MANG6129 Qualitative & Quantitative Research	7.5	15	Comp
MANG6119 Introduction to Knowledge & Information Systems Management	3.75	7.5	Comp	MANG6144 Digital Business & Human Computer Interaction	7.5	15	Comp
MANG6248 Information Systems Development	3.75	7.5	Comp	MANG6180 Web Applications	7.5	15	Comp
MANG6045 Consultancy Skills	3.75	7.5	Option	MANG6054 Credit Scoring & Data Mining	3.75	7.5	Option
MANG6091 Business Ethics	3.75	7.5	Option	MANG6143 Project Risk Management	7.5	15	Option
MANG6122 Simulation	7.5	15	Option	ENTR6037 Innovation and Technology Transfer	7.5	15	Option

Appendix 4:

Additional Costs

Students are responsible for meeting the cost of essential textbooks, and of producing such essays, assignments, laboratory reports and dissertations as are required to fulfil the academic requirements for each programme of study. In addition to this, students registered for this programme typically also have to pay for the items listed in the table below.

In some cases you will be able to choose modules (which may have different costs associated with that module) which will change the overall cost of a programme to you. Details of such costs will be listed in the Module Profile. Please also ensure you read the section on additional costs in the University's Fees, Charges and Expenses Regulations in the University Calendar available at www.calendar.soton.ac.uk.

Main Item	Sub-section	PROGRAMME SPECIFIC COSTS
Approved Calculators		Candidates may use calculators in the examination room only as specified by the University and as permitted by the rubric of individual examination papers. The University approved models are Casio FX-570 and Casio FX-85GT Plus. These may be purchased from any source and no longer need to carry the University logo.
Stationery		You will be expected to provide your own day-to-day stationary items, e.g. pens, pencils, notebooks, etc. Any specialist stationery items will be specified under the Additional Costs tab of the relevant module profile.
Textbooks		Where a module specifies core texts these should generally be available on the reserve list in the library. However due to demand, students may prefer to buy their own copies. These can be purchased from any source. Some modules suggest reading texts as **optional** background reading. The library may hold copies of such texts, or alternatively you may wish to purchase your own copies. Although not essential reading, you may benefit from the additional reading materials for the module.
Printing and Photocopying Costs		In most cases, written coursework such as essays; projects; dissertations are submitted online and by hard copy. The costs of printing a hard copy for submission of such coursework will be the responsibility of the student. The cost of photocopying will also be the responsibility of the student. https://www.southampton.ac.uk/isolutions/students/printing
Fieldwork: logistical costs		Any costs related to the dissertation research are covered by the student.