

ALLIANCE MANCHESTER BUSINESS SCHOOL

PROGRAMME SPECIFICATION FOR THE:

**BSc IN INFORMATION TECHNOLOGY MANAGEMENT FOR BUSINESS,
BSc IN INFORMATION TECHNOLOGY MANAGEMENT FOR BUSINESS WITH INDUSTRIAL EXPERIENCE,
BSc IN INFORMATION TECHNOLOGY MANAGEMENT FOR BUSINESS (SPECIALISM), and
BSc IN INFORMATION TECHNOLOGY MANAGEMENT FOR BUSINESS (SPECIALISM) WITH INDUSTRIAL EXPERIENCE**

1. General Information

UCAS Code	Award	Programme Title	Duration	Mode of study
GN51	BSc (Hons)	Information Technology Management for Business	3 years	Full-time
GN5C	BSc (Hons)	Information Technology Management for Business with Industrial Experience	4 years	Full-time
	BSc (Hons)	Information Technology Management for Business (Specialism)	3 years	Full-time
	BSc (Hons)	Information Technology Management for Business (Specialism) with Industrial Experience	4 years	Full-time
	BSc (Ord)*	BSc (Ordinary) Information Technology Management for Business / BSc (Ordinary) Information Technology Management for Business (Specialism)	3 Years	Full Time
	Diploma**	Information Technology Management for Business	2 years	Full-time
	Certificate***	Information Technology Management for Business	1 year	Full-time

Specialisms include Accounting; Strategy and Economics; Marketing

* Students are not permitted to transfer to an Ordinary route throughout the course of their studies. If a student does not meet the requirements of an Honours degree, then it is the decision of the Finals Examination Board as to whether an Ordinary degree is awarded. See <https://ughandbook.portals.mbs.ac.uk/Myassessment/RegulationsforUGawards.aspx>

** A Diploma of Higher Education will be awarded to a student who:

Successfully completes Year 2 but terminate their studies at this point; or

Has exhausted all the opportunities to retrieve failed assessment, subject to the accrual of the appropriate number of credits. See <https://ughandbook.portals.mbs.ac.uk/Myassessment/RegulationsforUGawards.aspx>

*** A Certificate of Higher Education will be awarded to a student who:

Successfully completes Year 1 but terminate their studies at this point; or

Has exhausted all the opportunities to retrieve failed assessment, subject to the accrual of the appropriate number of credits. See <https://ughandbook.portals.mbs.ac.uk/Myassessment/RegulationsforUGawards.aspx>

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School	Alliance Manchester Business School
Faculty	Humanities
Awarding Institution	University of Manchester
Programme Accreditation	
Relevant benchmark(s)	QAA Computing, SFIA

2. Aims of the Programme

The programme aims to:

01.	Provide students with a broad background of business operations, procedures and culture applicable to a career in an IT environment.
02.	Equip students with sufficient technical knowledge to play a key management role in an IT related environment.
03.	Develop both personal and inter-personal skills to enable the students to work closely and communicate with employees in non-IT related areas of an organisation.
04.	Provide students with a set of problem-solving and modelling skills appropriate to IT related business operations.
05.	Enable the students to play a management role in an IT project.
06.	Provide the students with business experience in a project oriented environment.
07.	Provide assistance for students who wish to gain a year's placement in industry and to place this work in the context of a student's professional development ('with Industrial Experience' variant only).
08.	Allow students to expand their understanding of a specific sub-field of management (specialisms only).

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3. Intended Learning Outcomes of the Programme

BUSINESS	
LB01	Have demonstrated that they have mastered basic business disciplines, ethics and courtesies, demonstrating timeliness, focus when faced with distractions, and ability to complete tasks to a deadline with high quality.
LB02	Have demonstrated a mastery of basic business functions, organisational structures and the impact of communication technology in different sectors, including an international dimension, with a sound understanding of contemporary business working practices and social media, covering work in the office, at home on the move and in a virtual environment.
LB03	Be able to take apart non-obvious business problems, structure the problem, collect relevant information, consider options and make recommendations.
LB04	Be able to use basic predictive modelling techniques and system thinking to predict future performance and propose system improvements.
LB05	Be able to construct a basic investment case for a multi-year initiative of uncertain outcome.
LB06	Be able to sell a moderately complex technology-oriented solution demonstrating understanding of business need, using open questions and summarising skills, and demonstrating basic negotiating skills.
LB07	Have gained and demonstrated competence in business and data analysis.
TECHNOLOGY	
LT01	Have demonstrated a good understanding of system architecture.
LT02	Gain and be able to demonstrate competence up to Level 3 (APPLY) of the SFIA framework in Database design (DBDS) and Data Analysis (DTAN).
LT03	Gain and be able to demonstrate competence up to Level 3 (APPLY) of the SFIA framework in Programming/Software Development (PROG) and Systems Design (DESN).
LT04	Have demonstrated the ability to collaborate with other people through the use of groupware systems.
LT06	Gain understanding of Management and the way it interacts with IT.
LT07	Be aware of how to roll out a system in a customer friendly way, gaining and demonstrating competence up to Level 3 (APPLY) of the SFIA framework in Usability Requirements Analysis (UNAN).
LT08	Be aware of HCI and ergonomic issues in system design.
LT09	Have acquired technology competence in two chosen fields up to Level 4 (ENABLE) of the seven level SFIA framework.
PERSONAL AND INTER-PERSONAL	
LI01	Be able to make concise, engaging and well-structured presentations, arguments and explanations of varying lengths, with or without using various media, taking into account audience viewpoint at all times.
LI02	Understand their personal preferences, styles, strengths and weaknesses and be able to demonstrate how they use this knowledge to more effectively complete challenging business assignments.
LI03	Understand how to gain insight into the preferences, motivations, strengths and weaknesses of other people and demonstrate how they use these insights to work

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	more effectively with others in team situations; motivate others to work more effectively in group situations.
LI04	Be competent in influencing and persuading others constructively, understanding the implications of defensive behaviour and personal strategies to overcome it; demonstrating knowledge of the taught techniques and the ability to use them effectively in realistic situations.
LI05	Have learnt how to deal with setbacks, misfortunes and hiatuses in ways that strengthen their positive attitude, and develop their self-reliance and ability to self-start on their own initiative.
LI06	Be able to give and receive direct feedback constructively; demonstrate how they incorporate it into learning and future action.
LI07	Be fluent in written and verbal communicators, able to articulate complex issues, taking into account the audience viewpoint and have demonstrated competence in this.
LI08	Be able to manage their own course and life long learning.
LI09	Be able to conduct effective research, using literature and other media, into IT and business-related topics.
PROJECT	
LP01	Be able to construct a project plan for a multi-threaded project, and demonstrate that they can manage a risk register and lead a project review meeting.
LP02	Understand different approaches for managing projects in an IT environment.
LP03	Be able to manage a small project, including the rescheduling for deviations and handling review meetings.
LP04	Understand issues of quality, cost and time concerned with project implementation, including contractual obligations and resource constraints.

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Learning & Teaching Processes (to allow students to achieve intended learning outcomes)
LB01, LB06 are supported by the project work in all three years
LB02 is supported primarily through lectures in the first two years
LB03 is supported through use of enquiry based learning techniques in the project work in years one and two
LB07 is supported through second year coursework on Systems Investigative Methods
LT01, LT06 are supported through lectures in the first and third years
LT02, LT03, LT09 are supported by lectures, coursework and project work throughout the three years

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Assessment (of intended learning outcomes)
Unseen, written examinations (LB02, LB04, LB05, LT01, LT06, LT02, LT03, LT09)
Written reports and essays (LB02, LB04, LB05, LB07, LT01, LT06)
Group presentations (LB03, LT04, LT07, LT08)
IT artefacts and associated documentation (LT04, LP01, LP02, LP03, LP04)
Formative assessments including multiple choice tests, short exercises (group and individual) (LB03, LB07, LI01, LI04, LI05, LT07, LT08)

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LT04 is supported primarily by the first year and second year team projects	
LT07, LT08 are supported by the Human Computer Interaction lectures and coursework and practised in the project work in all three years	
LI01, LI02, LI06, LI07 are supported through various coursework assignments and through project work in all three years	
LI03, LI04, LI05 are supported through the second year CSCW and Global Team Working module and the first and second year team projects	
LI08 is supported by the Professional Development portfolio and Personal Tutorials	
LP01, LP02, LP03, LP04 are supported by lectures in Project Management and project work in all three years.	

BUSINESS SKILLS	
SB01	Financial skills to include: Managing a budget, discounted cash flows, net present values, paybacks, rates of return, basic balance sheet and income statements and the assessment and mitigation of risk, management information
SB02	Time management, quality assurance, peer review
SB03	Data collection and assessment, problem analysis, options assessment, recommendations
SB04	System thinking, flow charting, type and frequency data analysis, modelling future flows
SB05	Basic management considerations: prioritisation, task versus responsibility management, ethical and professional issues, people considerations
SB06	Gathering quality business and technical requirements.
TECHNOLOGY SKILLS	
ST01	Database design principles, using a mainstream database product such as Oracle or SQL
ST02	Software Development principles using different technologies
ST03	Designing enterprise solutions and business processes
ST04	ICT based global team-working
ST05	ICT operations principles
PERSONAL AND INTER-PERSONAL SKILLS	
SI01	Presentation skills, with and without the use of multimedia and the impact of various options such as PowerPoint, use of notes and images
SI02	Selling, questioning, negotiating and closing techniques
SI03	Using insights from personal profiling information such as Myers Briggs Type Indicator, or Kirton Adaption/Innovation indicator
SI04	Applying profiling data (see above) to others and group situations
SI05	Designing and applying performance evaluation tools (including 360 degree

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	feedback)
SI06	Influencing and persuading techniques; understanding the nature and consequences of defensiveness and techniques for dealing with it
SI07	Techniques for giving and receiving feedback constructively
SI08	Technical report writing
SI09	Group working skills
PROJECT SKILLS	
SP01	Project management methodology; for example, Prince/Prince2
SP02	Critical Path planning and managing dependencies
SP03	Concept and application of deliverables
SP04	Review meeting planning and management
SP05	Management of deviations
SP06	The principles of Quality Assurance



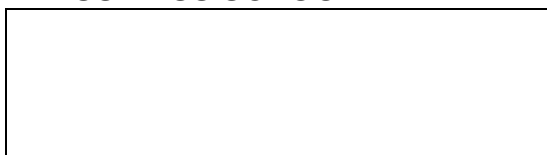
Learning & Teaching Processes (to allow students to achieve intended learning outcomes)
SB01 is supported primarily through lectures in the 1 st year
SB02 is supported primarily through laboratory-based team projects in year 1 and 2.
SB03, SB04 are supported primarily through lectures in the 1 st and 2 nd year and supported by appropriate coursework
SB02-SB04 are further supported by the student's third year project.
ST01 is primarily supported through lectures in the 1 st and 2 nd year and supported by appropriate coursework
ST02 is supported by formal lecture-based teaching and group tutorials in the 1 st year programme.
ST04, SB06 is primarily supported through laboratory-based project work in 2 nd and 3 rd year
ST03 is supported through lectures and project work in all three years
ST01 – ST05 are supported primarily through lectures and developed through the practical aspects of coursework and group work in all three years
SI01, SI03, SI05-SI09 are primarily supported by the 1 st year Guru Lectures and Professional Development course unit and further supported by project work in all three years



Assessment (of intended learning outcomes)
Unseen, written examinations (SB01, SB03, SB04, SB05, ST01, ST02, ST03)
Written reports and essays (SB04, SI04, SI01)
Group reports and presentations (SB02, SB06, SI09, SI07, SI01)
Applications artefacts and associated documentation (SB02, ST02, ST03, SI08)
Formative assessments including short exercises, coursework (SB01, SB03, SB05, ST01, SI02)
Individual project reports, presentations and demonstrations (SP01-SP06, SI01, SI02)

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SI01, SI02, SP01 – SP06 are supported by the 3rd year individual project. SP01, SP03-SP05 are also supported by the 1st and 2nd year team projects



4. Structure of the Programme

The full first and second year programme structure is available at:

<https://ughandbook.portals.mbs.ac.uk/Myprogramme/Coursechoicesprogrammestru.../Programmestructures.aspx>

Year 3 – For With Industrial Experience Students only

Students out on industrial experience in their third year complete a statement of placement aims at the start of their internship as well as an industrial placement log book throughout the duration of their work experience. These are both assessed alongside a student presentation, normally held in January / February, and an employer appraisal.

Assessment weightings for the above are as follows:

- Statement of placement aims (10%)
- Submission of Career Development Plan Reports (30%)
- Reflective Essay (30%)
- Student presentation (20%)
- Employer appraisal (10%)

The full final year programme structure is available at:

<https://ughandbook.portals.mbs.ac.uk/Myprogramme/Coursechoicesprogrammestru.../Programmestructures.aspx>

The contact hours policy for full time Alliance MBS Manchester based programmes is available at:

<https://intranet.mbs.ac.uk/LinkClick.aspx?fileticket=EzDDGoFp9pw%3d&tabid=84&mid=572>

5. Curriculum Progression: Intended Learning Outcomes for Each Year

Year	Intended learning outcomes
Year 1 (Certificate of Higher Education)	<p>A student should be able to:</p> <ul style="list-style-type: none"> • Understand the main foundations of accounting within organisation, models of management, and the emergence of the modern corporation • Describe the structure of a simple computer system from a programmer/ business/user perspective • Describe the structure of the database • Design and develop a simple database from a well defined specification (Level 2 (assist) of the SFIA framework in Database design) • Describe the way in which information systems are used by organisations and the impact that such systems have on these organisations • Design and develop a simple business application written in a programming language from a well defined user requirements and specification (Level 2 (assist) of the SFIA framework in

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	<p>Programming/Software Development)</p> <ul style="list-style-type: none"> • Apply basic HCI principles to the design of a business application interface • Gather and analyse information from various sources • Structure and write business/technical reports and qualitative essays • Structure and deliver business/technical presentations • Work as a team and participate in group discussions • Understand how teams of people operate and be able to relate his/her skills to working in a group project through the use of a group support system. • Develop a systematic approach to personal and professional development through the use of a Personal/Professional Development Record
<p>Year 2 (Diploma of Higher Education)</p>	<p>In addition to the Year 1 outcomes a student should be able to:</p> <ul style="list-style-type: none"> • Design, implement and test a database from a loosely defined specification (Level 3 (apply) of the SFIA framework in Database design) • Describe the major techniques and methods of user centred design to complement application development • Create appropriate documentation of a application artefact using a variety of notations (i.e UML modelling) • Design, implement and test business applications written in a programming language from a loosely defined specification and be able to apply intermediate to advanced HCI principles to design of the software interface (Level 3 (apply) of the SFIA framework in Programming/Software Development) • Understand and apply qualitative and quantitative techniques for investigating and analysing socio-technical systems • Design a collaborative business process and facilitate group meetings using group support systems • Analyse groupware systems in terms of CSCW design issues and assess the appropriateness of particular groupware technologies for individual contexts <p>Have developed a knowledge and understanding of subject specific theories, ideas, issues and practices relating to their chosen specialism, where applicable.</p>
<p>For Industrial Placement Students only</p>	<ul style="list-style-type: none"> • Demonstrate an understanding of career management planning skills.
<p>Industrial Placement Year</p>	<p>Students should be able to:</p> <ul style="list-style-type: none"> • Apply problem-solving skills to a variety of problems in a commercial or industrial environment. • Make clear and concise written and oral communications, work effectively as a team, demonstrate a professional and responsible approach to work roles in a commercial or industrial environment, with particular emphasis upon their own abilities and future development
<p>Final Year</p>	<p>In addition to the outcomes of Years 1 and 2, a student should be able to:</p> <ul style="list-style-type: none"> • Apply requirements engineering techniques to the development of the specification of requirements of an information system

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	<ul style="list-style-type: none">• Critically understand techniques and tools underpinning IT architecture, the important of IT architecture and the role of IT architects in organisations• Describe the business, political, social and ethical issues of the global outsourcing of software development• Apply project management skills to individual/group project.• Develop a significant business application/solution using appropriate technology and management technique in the context of an individual project, being able to present progress and results of the development through presentations, demonstrations and writing reports (Level 3 (apply) in the SFIA framework in Database Design and in Programming/Software Development)• Understand the key aspects of organisational change and the key issues involved in designing change implementation in IS applications• Understand subject specific theories, ideas, issues and practices relating to their chosen specialism, where applicable and address arguments/ideas through multiple perspectives.
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6. Student Induction, Support And Development (in order to deliver the year learning outcomes)

Student Induction

- Pre-induction information, arrival packs and a formal one-week induction programme for first year students (note – ongoing induction is carried out via BMAN10780 Business & Management Skills throughout the whole of the first year). This includes a Programme Director and PSS staff meeting, an Alliance Manchester Business School Introduction to Undergraduate Services event, Alliance MBS Student Fair, Coach/Walking tour of Manchester, completion of Health & Safety Course, Alumni/Careers Panel discussion, administrative sessions, Introduction to Business & Management Skills lecture, student mentor meetings and an end of Welcome Week party.

- Induction activities for returning second and final year students.

- Supporting information on Alliance MBS online undergraduate handbook for all new and returning students.

Student Support and Development

- Comprehensive Onlines Undergraduate Handbook available at <https://ughandbook.portals.mbs.ac.uk/Home.aspx>

- Academic Advisor for first year students: All first year students will be allocated an academic advisor who will remain their advisor (wherever possible) for the full duration of their studies and will support on their academic development. Regular contact between student and academic advisor is embedded within BMAN10780 Business & Management Skills course via alternate week seminars which will take place throughout the full academic year. It is expected that students and academic advisers will engage either face to face (via regular office hours), by telephone, email or through Blackboard in the weeks where no seminar is taking place.

- Academic Advisor for second and final year students: In building on the relationship developed between Academic Advisor and students in the first year seminar sessions, ITMB students will remain with their original Academic Advisor (wherever possible). Formally recorded sessions will take place throughout the academic year between Academic Advisor and student with a focus on academic guidance as required (registration for course units, plagiarism, essay writing, preparation for exams, time management etc), encouraging students to complete their PDP, writing references on request, gauging feedback on the student experience and understanding where and when to refer students on to other sources of assistance.

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- Dedicated Undergraduate Assessment and Student Support Centre in Alliance MBS offering advice, guidance and support on any issues that affect a student's ability to study.
- Disability support: Details are provided in the online undergraduate handbook.
- Dedicated Undergraduate Centre in Alliance MBS, providing Programme Offices and Administrative staff for all programmes.
- Student Representatives: serve on the Programme Committee, Undergraduate Committee and Staff/Student Liaison Committee, aiding in the decision-making processes which affect student experience. Student Representatives also attend a focus group in each semester to provide feedback on Alliance MBS Undergraduate processes. Further details are provided in the online undergraduate handbook.
- Student Peer Mentor Scheme: Details are provided in the online undergraduate handbook.
- Personal Development Planning: Personal Development Plans (PDPs) are aimed at helping students develop their awareness of generic transferable and subject-specific skills and are aimed at helping to improve independent learning and provide a record of academic learning and achievement. For all first year students, the PDP will form part of the summative assessment on BMAN10780 Business & Management Skills. PDPs for returning second and final year students will continue to be linked to academic adviser sessions / personal tutorials throughout the programme of study. Students will meet with their academic adviser / personal tutor in a series of meetings to concentrate on the development of the PDP. Students can then arrange individual meeting with their academic adviser / personal tutor as necessary. The PDP is also aimed at providing a resource for building a CV for sending to potential employers.
- Extensive library, computer and other learning resources.
- The first year course BMAN10780 Business and Management Skills is intended to support and develop students throughout their first year of study by incorporating study skills sessions, academic adviser contact and the opportunity for students to undertake an early piece of formative assessment which is marked by the academic adviser. Written feedback will be provided on this piece of work, as will be the opportunity to discuss this further face to face with the academic adviser.
- IT Skills sessions offered at central IT Services. Details in the online undergraduate handbook.
- Mathematics surgeries for first year students.
- Case competitions: Opportunity for involvement in business case competitions, e.g. Copenhagen Business School, University of Southern California, McGill.
- Employability/Careers planning: The School ensures a range of opportunities for students to develop their employability and career planning skills both within and outside of the curriculum. All undergraduate full course unit descriptions include an employability section which highlights to students the transferable/employability skills they develop as part of each specific course unit. The School also ensures that students have access to a variety of tailored events that enable them to further their career aspirations, including: alumni/networking sessions, employer drop in sessions, successful applications session, applying for and securing an internship session, postgraduate student options session. Alliance MBS also has many links with many employers and students are encouraged to attend talks and seminars provided by employers. For some, these will be included within the curriculum (i.e. guest lectures and particularly for ITMB, enhanced employability sessions, including e-skills and employer involvement) and for others these will be organised by Alliance MBS affiliated societies or by the Careers Service/Alliance MBS. Students are also encouraged to attend the University Careers Service and any presentations which may have

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particular interest to ITMB students.

INDUSTRIAL EXPERIENCE YEAR

(Applies to students on the 'with Industrial Experience' variant of the programme.

- Pre-departure to the industrial experience year is supported by a network of meetings: introductory meeting (November), mid year review (March) and pre-departure (May).

- A student on industrial experience will be supported by an academic placement tutor who will provide assistance in the development of skills during a student's year in industry. Contact will primarily be through email, however all students will be visited once by their placement tutor. Support in personal development and technical skills will be given and the industrial experience year will place a significant focus on a student's Personal Academic Development Plan. As part of the industrial experience year (and assessment of such) students will return to Manchester to give a presentation.

- In a student's first year, he/she will attend the BMAN10780 Business and Management Skills course unit, which, throughout semester 2 is designed to start to prepare a student for a year in industry (with a focus on personal skills) and to assist a student in getting an industrial placement (CV writing, interview skills, aptitude tests etc...). This unit will involve speakers from industry.

7. Progression and Assessment Regulations

Details of progression rules are included in the Online Undergraduate Handbook <https://ughandbook.portals.mbs.ac.uk/Myassessment/RegulationsforUGawards.aspx>

Additional Requirements for 'with Industrial Experience' variant

- Achieve an average mark of 55% or greater at the end of Year 1
- Pass without resits in Year 2

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