University of Bedfordshire

Course Information Form

This Course Information Form provides the definitive record of the designated course

Section A: General Course Information

Course Title	MSc Project Management with Data Analytics
Final Award	MSc
Route Code	MSPMDAAF
Intermediate Qualification(s)	Postgraduate Diploma Project Management and Data Analytics
FHEQ Level	7
Location of Delivery	University Square Campus, Luton
Mode(s) and length of study	24 month delivery
Standard intake points (months)	October, November, February, April, June, August
External Reference Points as applicable including Subject Benchmark	QAA (2015), 'Subject Benchmark Statement: Master's Degrees in Business and Management' QAA Framework for higher education qualifications (2014) (level 7) http://www.qaa.ac.uk/en/Publications/Documents/qualifications-frameworks.pdf QAA (2020), 'Master's Degree characteristics https://www.qaa.ac.uk/docs/qaa/quality-code/master's-degree-characteristics-statement.pdf?sfvrsn=86c5ca81_18 Association for Project Management (APM) Body of Knowledge version 7 – the course was initially APM accredited in March 2012 and reaccredited again in April 2018 and February 2021

Professional, Statutory or Regulatory Body (PSRB) accreditation or endorsement	Association for Project Management
HECoS code(s)	100078
UCAS Course Code	

Course Aims	The management of complex projects can be challenging and requires a multidisciplinary skill set including planning and resource management but also soft skills, such as interpersonal and leadership skills. This course aims to develop this skill set and in particular, the course seeks to develop your:- • Enquiry skills through conducting case studies and projects requiring a search for information using a range of sources, to support your learning. For MSc students, a final dissertation will also develop your research skills and problem-solving skills. • Contextual understanding through developing your knowledge and understanding of current project management and data analytics and network system issues (via participation in Association for Project Management (APM) events and via guest lectures from members of the course's Employer Advisory Panel. Additionally, you will analyse client requirements in the Project Entrepreneurship and Client Delivery Project units, and manage a real project for a client in the latter unit. • Collaboration skills by giving opportunities for you to work in teams to deliver solutions to project management problems and projects and enhance your interpersonal and leadership skills. • Enterprise skills via group work to develop your interpersonal and leadership skills and providing you with real client problems and projects to develop your creative, decision-making and stakeholder management skills.
	Upon successful completion of your course you should meet the appropriate learning outcomes for your award shown in the table below

	Outcome	Award
1	Demonstrate a systematic understanding of knowledge and a critical awareness of contemporary issues and/or new insights within Project Management	MSc Project Management with Data Analytics
2	Apply originality when autonomously addressing and resolving complex challenges using appropriate approaches and methodologies	MSc Project Management with Data Analytics
3	Critically analysis context and data to support sound decision making within Project Management and effectively and inclusively communicate outcomes with a wide range of audiences.	MSc Project Management with Data Analytics

Course Learning Outcomes	4	Understand and manage the ethics, sustainability and governance issues that may occur in the Project Management discipline and apply appropriate frameworks and professional codes	MSc Project Management with Data Analytics
	5	Demonstrate and use effective, rigorous, reflective skills of self-management and independence in terms of planning, behaviour, motivation and individual initiative to meet the demands of the field of Project Management	MSc Project Management with Data Analytics
	6	In the absence of complete data, analyse a range of complex and pervasive issues in a systematic and creative manner to generate sound judgements and recommendations that are communicated effectively to both a specialist and non-specialist audience.	MSc Project Management with Data Analytics
	7	Utilise your deep and systematic knowledge and understanding of the key principles, tools and techniques in the field of applied computing and information technology aligned with advanced problem solving, innovation and creativity to develop solutions to applied computing and information technology contexts	MSc Project Management with Data Analytics
	8	Show strong technical expertise and critical awareness of the security implications, methodologies and frameworks applied to modern information security management systems to safeguard organisations and their assets	MSc Project Management with Data Analytics
	9	Creatively apply knowledge to improve and modify existing incident response programmes and critique national and international standards and best practices	MSc Project Management with Data Analytics
	10	Design a professional development plan that applies a systematic knowledge of the current vocational landscape to your future professional goals.	MSc Project Management with Data Analytics

Teaching and Learning

CRe8 articulates the University of Bedfordshire's approach to creating an environment that supports effective learning and teaching. Its elements, appropriate curriculum design, personalized and realistic learning, employability and suitable assessment strategies, are the basic ingredients of our approach to teaching and learning. The MSc Project Management has been developed based on those principles.

The course recognises the need to produce postgraduates who have a wide variety of skills such as such as problem solving,

leadership, communications, teamwork, stakeholder analysis, management, planning and organising, and self-management, apart from specific subject knowledge and skills. The pedagogic approach taken by this course is problem-based learning through which theory and practice will be integrated and graduate's knowledge, understanding and employability skills will be developed.

This Course will provide students with a unique learning experience. It will be intense but also very rewarding. Students will start with a week-long induction where, apart from being introduced to the University and the Faculty, and familiarisation with the project management field in order to prepare them for the rest of their studies. The delivery method followed is that of Block teaching. Students will undertake one Unit at a time for six weeks and that will be a block of delivery. When students' progress to the Master's capstone stage where they can choose one of the two options - Business Dissertation andBusiness Live Project. Regardless of which master's capstone experience they opt for, they will have to produce an individual, independent piece of work (dissertation/business report). Students will have to identify the research question or problem under investigation, review relevant literature, develop a sound methodology in order to explore the problem, proceed with the analysis, discuss their findings and make recommendations. All capstone options are evaluated as equivalent based on the unit learning outcomes. Each Unit will include significant direct contact time but it will also require and provide time for individual reading and preparation for assessment. That will take place in weeks 4 and 7 of each block. By the end of this course learners will appreciate the importance of developing a deep understanding of problem-based learning approach in addressing project management issues.

The assessment in includes coursework to test student knowledge and understanding and to demonstrate their ability to research, apply theories and models, critically thinking, communicate, and work in teams. Also, there will be group work where an individual's contribution to group work is evaluated via a set of individual questions at the end of presentations which are video recorded or/and via an assessment of the project logs stored in BREO group spaces. For MSc students, the final unit demonstrates student's ability to independently conduct academic enquiry, bring together knowledge and action, relate theory to practice, thereby to solve problems.

The teaching on the applied computing units uses everyday experiences as a starting point to embark on a more systematic analysis and interpretation of key technologies and their application through a series of lectures and practical demonstrations and exercises.

Assessment

Teaching, learning and assessment strategies	The Course's Assessment Strategy includes: Individual Written Report or Essays: The ability to perform literature informed research, to review and evaluate the relevant sources and to use an appropriate methodology in order to analyze, and evaluate the relevant concepts is being assessed. At the same time, student academic integrity is developed. Case Study Examination: Students will apply their knowledge in the context of specific cases. Oral Presentation: A number of transferable skills will be developed Reflective Report: Own work and that of peers will be evaluated Artifacts: for applied computing and information technology Dissertation / Business Live Project: Regardless of which master's capstone experience you opt for, you will have to produce an individual, independent piece of work. The two options are equivalent in weighting however, offer two distinct approaches to explore a research problem. The distinction between the two approaches is underpinned by the design of research methodology. You will be asked to identify the research question or problem under investigation, review the relevant literature, and develop a sound methodology in order to explore the problem, proceed with the analysis, discuss your findings and make recommendations. It is the capstone of this course and builds on the knowledge and skills acquired in all Units. It will be one of the most challenging but yet enjoyable and rewarding experiences you will encounter ever! Please refer to the unit information form (UIF) of each of the two options for details. You are expected to make use of the journals, professional bodies and the media in order to keep up-to-date with information, examples, debates, discussions and events in project management.

	Your enquiry skills will be developed through lectures and workshops. You will be introduced to various research methods, such as survey, interview, focus group, action research, and various quantitative and qualitative analytical techniques. Through the final capstone unit in project management, you will be able to apply some of these methods and techniques to carry out independent research. The notions of accountability and academic integrity will be an integral part of your course. You will be informed about what plagiarism is and how to avoid it during the delivery of each Unit. Where an individual project is required you will be asked to show the different stages of your work or to present it in its entity upon completion. Where collaborative tasks are assigned, an individual reflective report or individual viva may be required to indicate your contribution to the team. All coursework assignments will require a thorough evaluation of the sources used and referencing will be done according to the Harvard Referencing System As mentioned in an earlier section, a range of assessment methods will be used throughout the course and students will be required to undertake a variety of assessments, including individual reports, essays, case studies, oral presentations, reflective report, and a final course project – Business Dissertation or Business Live Project. The assessments are designed to test students' knowledge and understanding of the subject matter, but also to demonstrate the range of skills identified in the section above. Students will also experience some formative assessment activities designed to support the development of their knowledge and skills. The purpose of such assessment is to enable them to monitor and improve their performance. For example, they will have the opportunity to discuss a report structure before completing the report, to present concepts/findings through presentations and receive feedback before producing a final report or presentation. In preparation for exams, they will have opportunity to attempt revision questions with guidance on how to address these, with appropriate solutions.
Learning support	The University's comprehensive student support service includes: Student Information Desk, a one-stop shop for any initial enquiries; Student Support team advising and supporting those with physical or learning needs or more general student well being; Study Hub team providing academic skills guidance; Personal Academic Tutoring system; a student managed Peer-Assisted Learning scheme; support from your lecturers
	https://www.beds.ac.uk/entryrequirements

Admissions Criteria	**Approved Variations and Additions to Standard Admission**
	N/A
Assessment Regulations	https://www.beds.ac.uk/about-us/our-university/academic-information
	Note: Be aware that our regulations change every year
	Approved Variations and Additions to Standard Assessment Regulations'
	N/A

Section B: Course Structure

The Units which make up the course are listed below. Each unit contributes to the achievement of the course learning outcomes either through teaching (T), general development of skills and knowledge (D) or in your assessments (A).

Unit	Unit Name	Level	Credits	Core or Option	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BSS049-6	Project Management Practice	7	30	Core	T1 A1	D1 A2	D2 A1	A2 T1											
BSS052-6	Project and Operations Management	7	30	Core	T1 A1	D1 A2	D2 A1	A2 T1											
BSS054-6	Risk and Procurement Management	7	30	Core	A1 T1	A1 T1	T2 A2	T1 D2											
BSS072-6	Performance Achievement Planning	7	0	Core		D1 A1			D1 A1										
BSS074-6	Personal Professional Development	7		Core										T1 A1					
CIS108-6	Data Modelling, Management and Governance	7	30	Core							T1 A2								
CIS109-6	Computer Networks and Security	7	30	Core							T1 A2	T1 A2							
CIS132-6	Developing Independent Research	7		Core							T1 A1		T1 A1						
MAR042-6	Business Dissertation	7	60	Option					A1 D1	A2 D2									
SHR079-6	Leading People in Contemporary Times	7	30	Core		T1 A2													

Section C: Assessment Plan

The course is assessed as follows :

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Unit Code	Level	Period	Core/Option	Ass 1 Type code	Ass 1 Submit wk	Ass 2 Type code	Ass 2 Submit wk	Ass 3 Type code	Ass 3 Submit wk	Ass 4 Type code	Ass 4 Submit wk
BSS049-6	7	BLOCK	Core	WR-I	3	PR-ORAL	6				
BSS052-6	7	BLOCK	Core	WR-I	3	PR-ORAL	6				
BSS054-6	7	BLOCK	Core	WR-I	3	WR-I	6				
BSS074-6	7	BLOCK	Core	CW-PO	6						
CIS108-6	7	BLOCK	Core	PJ-ART	3	EX	6				
CIS109-6	7	BLOCK	Core	WR-I	3	IT-PT	6				
CIS132-6	7	BLOCK	Core	CW-PO	6						
MAR042-6	7	BLOCK	Option	WR-I	3	PJ-DIS	12				
SHR079-6	7	BLOCK	Core	PR-ORAL	3	CW-CS	6				

Glossary of Terms for Assessment Type Codes	
CW-CS	Coursework - Case Study
CW-PO	Coursework - Portfolio
EX	Exam (Invigilated)

IT-PT	Summative in-class test or phase test
PJ-ART	Coursework - Artefact
PJ-DIS	Coursework - Dissertation Report
WR-I	Coursework - Individual Report

Administrative Information

Faculty	University of Bedfordshire Business School
Head of School/Department	Alexander Kofinas
School	Department of Strategy and Management
Course Coordinator	Sajeel Ahmed