Professional, Statutory or Regulatory Body (PSRB) accreditation or endorsement	British Computer Society (BCS) - The Chartered Institute for IT This course is accredited by BCS as fulfilling the requirement for partial recognition for Chartered Information Technology Professional (British Computer Society)
HECoS code(s)	100365
UCAS Course Code	N/A

Course Aims	This course aims to provide you with a technical and business perspective within the field of networking and telecommunications. The main aims of this course are to: Be able to demonstrate your knowledge and skills in network design, implementation, testing and management and maintenance Be able to evaluate and critically analyse network models, design, technologies, configurations and present your views in relation to business and operational needs

		Upon successful completion of your course you should meet the appropriate learning outcomes for your award shown in the table below	
Course Learning Outcomes		**Outcome**	**Award**
	1	Demonstrate a deep and systematic understanding of Computer Networking including current and emerging theoretical and methodological approaches at various levels of abstraction	MSc Computer Networking (all routes)
	2	Undertake a substantial investigation to address significant areas of theory and/or practice in the area of Computer Networking, selecting appropriate methodological processes and critically evaluating their effectiveness	MSc Computer Networking (all routes)
	3	Use appropriate skills of problem solving along with creativity and innovation in order to develop appropriate Computer Networking solution(s) to complex problem(s) in unfamiliar contexts	MSc Computer Networking (all routes)
	4	Demonstrate an appropriate level of knowledge, understanding and cognitive skills, including the ability to synthesise, critically evaluate, develop and challenge theoretical materials that you have studied in the taught components of this course	MSc Computer Networking (all routes)
	5	Consistently apply, develop and evaluate tools, techniques and methods consistent with current research and or professional practice at the forefront of the specialist area of Computer Networking	MSc Computer Networking (all routes)
	6	Query and challenge current thinking and consider current and future trends and developments in the field of Computer Networking within a variety of challenging contexts.	MSc Computer Networking (all routes)
	7	Incorporate a critical ethical dimension to your practice, and to understand, apply and critically analyse the standards and current practices of relevant professional bodies such as the British Computer Society within the context of Computer Networking.	MSc Computer Networking (all routes)
	8	Identify, evaluate and maintain capabilities to support effective communication of complex ideas and developments in a comprehensive, effective, systematic and professional way using a variety of communication media (e.g. formal written reports, essays and presentations with supporting oral communication).	MSc Computer Networking (all routes)

Teaching, learning and assessment strategies	A wide variety of teaching styles will be used throughout this course. The most important aspect will be a student-centred approach, and we will encourage you (through relevant guidance) to become an independent thinker who can take responsibility for your own learning. We will also help you to develop skills so that you can adapt to a wide variety of different situations. The course will make use of traditional lectures and practical sessions as well as encouraging you to engage in various scenarios (e.g. managing your own projects, team working, etc.). In addition, some units will use online videos, e-learning content to provide you with an overview/summary of different topics The course will comprise classroom teaching (e.g. lectures, seminars, and practical sessions) along with an independent learning making use of BREO (Bedfordshire Resources for Education Online) (https://breo.beds.ac.uk/), Learning Resources Centre (http://lrweb.beds.ac.uk/), and various other electronic resources, such as IEEE Xplore, YouTube, etc. The assessment strategy used is a balance of written reports, examinations, (coursework) assignments, in-class tests, computer based assessment, and oral viva. The method used will depend on the nature of the subject being taught in the unit, and the most appropriate method has been chosen. Coursework assignments have incorporated formative feedback so that you can gain an insight into whether your work is meeting the necessary targets.
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
Admissions Criteria	https://www.beds.ac.uk/entryrequirements **Approved Variations and Additions to Standard Admission** N/A https://www.beds.ac.uk/about-us/our-university/academic-information

Section C: Assessment Plan

The course is assessed as follows :

MSYNTAAF-

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
CIS112-6	7	BLOCK	Core	EX	7						
CIS114-6	7	BLOCK	Core	CW-PO	6						
CIS119-6	7	BLOCK	Core	CW-PO	6						
CIS120-6	7	BLOCK	Core	CW-PO	6						

Head of School/Department	Paul Sant
Course Coordinator	Sijing Zhang