Database: msc, Table: about, Purpose: Dumping data

id	aboutinfo	lifeinfo	locaction	campus	accommodation	leisure	sports	support
1	 The University of Salford is a great place to be a student. We are close to Manchester with its mix of music, night-life, restaurants and culture and we have a great social scene within the University organised through our student union website		There's more to student life than your chosen course, and where you're based makes a big difference to your university experience. With MediaCityUK right on our doorstep and Manchester city centre only a stone's throw away, we couldn't think of a better place to study than at Salford..	Our University offers the best learning spaces for you to develop skills in your chosen subject area. But we aren't resting on our laurels, and are currently expanding our campuses even more. As our University continues to grow, so do your opp ortunities. We are committed to investing in our students through; innovative and state-of-the-art facilities, a dedicated and expert team of academics, and a profound and personal student support team.	One of the most important decisions you need to make about your life as a student is where you are going to live. Whether you already live locally, are coming from further afield or are an international student - there's room for you at Salford! Here are your options:	With two cities on your doorstep, you'll never be short of things to do or places to go whilst you're studying at Salford. We're located just minutes from the cosmopolitan Manchester city centre and part of one of Europe's largest student populations - and all the nightlife and culture that comes with it.	5-a-side Football Netball 11-a-side Football Squash Futsal Badminton Basketball	At Salford you'll join a supportive and thriving student community with over 20,000 students from over 100 different countries, so you can be sure of a diverse and welcoming university experience. We know that coming to university can be a daunting as well as an exciting experience, but there is no need to worry. We pride ourselves on being a supportive and inclusive university and have a range of support services that are tailored to your needs and with services on each campus site, the answer should only be a short walk away.

id	accessibility	features	structure	navigation	textsizes	links	images	colour	forms	newwindows	audioandvideo	javaScript	alternativetextpages	standardscompliance
1	The University of Salford strives to ensure that this website is accessible to everyone. If you have any questions or suggestions regarding the accessibility of this site, or if you come across a page or resource that does not meet your access needs, please contact the webmaster@salford.ac.uk, as we are continually striving to improve the experience for all of our visitors.	The following section has been adapted with kind permission from <abbr title="Royal National Institute of Blind People">RNIB.</abbr> Below is an outline of what you can expect to be able to do on sites maintained by the University of Salford, whatever your browser settings or reading needs might be.	 Page titles are different on each unique page, and give a good indication about its content. This will help you keep track of where you are in the website, and make it possible to distinguish between pages when you have more than one window or tab open. Headings are relevant and provided in a logical order so that you can use them to get an overview of the page. For screen reader users, this means that you may be able to use screen	You will be able to reach all parts of the website by following links that are keyboard navigable. This means that if you have impaired mobility or sight, you will be able to use your keyboard tab key or switch device to move from link to link, knowing that no parts of the site are "hidden" behind links that can only be displayed by mouse action.	All text is resizable, so if it is too small or large for easy reading, you can use your browser setting to display it at the size you prefer. If you have already selected a non-standard text size in your browser settings, the size you prefer will be visible from the moment you enter the website, and you won't need to reset it for each page.	The wording for text links will be carefully chosen so that each link is: Clear, giving you a good idea of what the destination page is about. Unique, each one is different, unless it leads to	A text alternative will be provided for all images, relevant to the reason for the image being there, and will be as short and to the point as possible. The information you get from the alternative text will depend on the reason for the image: Images used as links will have alternatives that, like good text links, tell you about the destination page.	Colours will be chosen to provide good contrast between text and its background, and avoid combinations that are known to cause difficulties for people with colour blindness. In addition, colour styling will ensure that no parts of the page would be unreadable if you have chosen non-standard colours in your browser colour settings.	Completing forms is made easy because the information you need to complete each input box will be clear and well positioned: Instructions will be clear and made available before you reach the first form input box. If the form is spread over a number of pages this will also be mentioned	You won't find many uses of new windows in the site and where we do have, then you will find a warning either in the link text or the sentence the link is given in. Typically new windows are used for audio and video.	Any information that is presented in video, audio or multimedia will have alternatives that make the same information available to people who are unable to see or hear. This means that captioning or transcript will be used to complement audible or visible information.	No part of the website will be impossible to either reach or use because of a total reliance on JavaScript. Whenever JavaScript is used, it won't create moving text that cannot be stopped, nor use controls that can't be operated by either the mouse or the keyboard.	We don't encourage the use of text only pages, but if there is information in a format that simply can't be made accessible to all, then a text alternative is necessary. If a text alternative page is to be provided, then the less accessible page will provide a link to the text version, before you reach the inaccessible content.	 All pages on this site aim to be accessible to <abbr title="Web Accessibility Initiative">WAI</abbr> <abbr title="Web Content Accessibility Guidelines">WCAG</abbr> <abbr title="double A">AA</abbr> or better, complying with priority 1 and 2 guidelines of the <abbr title="World Wide Web Consortium">W3C</abbr> Web Content Accessibility Guidelines as interpreted by the University's Web Team. Should you encounter any difficulties relating to the level of accessibility of certain pages, please do not hesitate to report the problem to webmaster@salford.ac.uk. All pages on this site aim to validate as <abbr title="eXtensible Hypertext Markup Language">XHTML</abbr> 1.0 Transitional, and use <abbr title="Cascading Style Sheets">CSS</abbr> 2.1 for visual presentation. Use of tables for non-tabular information is kept to a minimum. This may cause older browsers (e.g. Netscape 4.x) which do not understand standards-compliant code to display pages in a very basic way. However, the pages should still be usable. Wherever possible, we would recommend upgrading your browser to the latest

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			reader functions to jump from heading to heading, or have a list of all headings displayed, so that you can decide which one is of most interest to you, and then go straight to it. Data tables are given row and column headings where necessary that are not only visually different from the data cells, but coded so that screen readers will be able to identify them. This will make it possible for screen reader users to find out what the relevant headings are, from anywher			the same page as any others using the same wording. - Complete, not relying on nearby text to explain its purpose or context. - Concise, as short and to the point as possible. <strong	- Informative images will have alternative text that contains the information that the image contributes to the page. - Images of text will use the visible text as their alternatives. - Decorative images will be given empty alternative text, so that they are silent when a screen reader reads the page. <stron	<p>A change of colour won't be used as the only way to identify any information. So for instance you won't see phrases such as "streets liable to flooding are in red text". This is obviously because some people can't see the screen, but also because other people may be unable to tell the difference between colours, either because of colour blindness or be cause	before you start. - Text labels will always be present, correctly positioned (to the left, or above, text input boxes and to the right, or below, radio buttons or checkboxes), and will include any symbol identifying it as a required field. - Scripts won't be used to dynamically				version number to take full advantage of this site's advanced presentational features. - All pages on this site use structured semantic markup.

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			e within the table grid. 			g>Easy to identify, not beginning with words like "click here for" or "link to". Links that are constructed as described above, are useful for all visitors, especially those who have modern browsers or access technologies that enable them to	g>Layout images will also be rendered "silent" by having empty alternative text. By using these rules the website will be giving screen reader users a page reading experience that is as close as possible to that enjoyed by sighted visitors. It also makes sure that no information is lost if the image isn't large enough for you to read, or images have been turned off to speed up bro	their screen doesn't process colours well enough.	position the cursor in form fields, as this can confuse screen reader focus, or in some cases make it impossible for you to re-enter an input box if you need to make a correction. Dropdown selection lists will have manual "Go" buttons, rather than triggering a change instantly, as the more dynamic					

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						extract a list of links from web pages, so that they are easier to sort and faster to select.</p>	wsing on mobile connections.</p>		ones are difficult to use for people who cannot use a mouse. - The tab order between the different parts of a form will be logical.					

id	course	newcourse	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	entry	teaching	employability	feesandfunding	facilities
1	The generation, manipulation and reproduction of high quality audio are core elements of the rapidly expanding communication, entertainment, music and sound engineering industries. This course is aimed at graduates of numerate science disciplines, who wish to make the transfer into this exciting and growing sector. Building on the engineering fundamentals you already	Course Details This course offers a variety of flexible study formats, including full and part-time modes, either on campus or via distance learning. Those considering part-time study should bear in mind that the programme is intensive, and that generally, we advise that part-time means half time, i.e. you would need to allocate half the week to you studies ≈ 19 working hours. Course Structure This course comprises eight 15 credit taught modules, followed by a 60 credit project module leading to	In this module you will develop a systematic understanding of the physical and mathematical representations of vibrating systems and acoustic waves in 1D, 2D and 3D. You will learn about the descriptors and physical units of acoustic and vibration phenomena, and apply critical thinking to understanding of the assumptions and limitations inherent in acoustics and vibration theory. Using this, you will solve advanced problems in acoustics by application of theory and mathematical techniques.	This module aims to equip students with the necessary knowledge to specify and undertake appropriate acoustic measurements, including understanding their limitations, and being able to analyse the data they produce. You will learn how to effectively undertake standardised acoustic measurements, taking full account of uncertainty introduced throughout the process. You will also gain a comprehensive understanding of the scientific principles underlying these acoustic measurement techniques, thereby helping you to apply them better and know how to adapt them or propose new methods where appropriate.	In this module you will learn about the fundamental principles underlying electroacoustic transduction as well as investigating the interaction between a source, its acoustic environment and the listener. These effects will be described by mathematical models, which you will study both on paper and numerically by programming them using Matlab. You will also examine the practical application of loudspeaker and microphone systems, and investigate how they are used in arrays e.g. for spatial audio applications.	This module aims to give you an understanding of how acoustic signals may be handled and processed digitally, considering the benefits and limitations. You will study the decomposition of signals in frequency and their manipulation using digital filters, including design and analysis techniques. You will then go on to develop knowledge of advanced signal processing methods based on adaptive filtering and machine learning, including an awareness of their basis and limitations, whilst gaining the skills to apply them.						Entry Requirements A first or second-class degree in a numerate engineering or science discipline. All applicants must have a significant grounding in engineering mathematics. Accreditation for Prior Experiential Learning (APEL) We welcome applications from	Teaching The majority of teaching and learning takes place through tutorial and seminar groups. There is a strong focus on guided self-learning. Assessment is generally in the form of assignments, which improve problem solving and other skills as well as providing a strong background in the subject area. The 'Measurement, Analysis and Assessment' module also includes practical group work. All students benefit from the supply of a range of high-quality	Employability Our MSc Audio Acoustics course is designed to train graduates to meet a growing demand for audio skills in industry, and also to enable employees to reach their full potential. This postgraduate course has been used as in-service training by a number of UK and global companies (e.g. mobile telecoms). While one naturally thinks of mobile phone design as belonging to 'telecommunications', there are considerable audio engineering challenges in designing good quality sound from the small transducers used in confined spaces, often in the presence of considerable background noise. Also, increasing markets exist for sophisticated audio systems in the home (smart speakers), at work (virtual and	<h2>Fees 2015-2016</h2> <table class="table table-bordered table-striped mls"> <tbody> <tr><th width="60%">Type of Study</th><th width="40%">Fee</th></tr> <tr><td>Full-time</td><td>£7,380</td></tr> <tr><td>Part-time</td><td>£1,230 per 30 credit module</td></tr> <tr><td>Full-time International</td><td>£13,500</td></tr> <tr><td>Distance Learning</td><td>Full-time £7,380, part-time £1,230 per 30 credit module</td></tr> <tr><td>International Distance Learning</td><td>Full-time £13,500, part-time ?2,250 per 30 credit module</td></tr> </tbody></table> <h3>Additiona	Acoustic and audio test facilitiesat Salford are second to none. We have a full range of specialist test chambers: full anechoic chamber, two semi-anechoic chambers, transmission suite, two large and one small reverberation chambers, ITU standard listening room equipeed with a 96 channel Wave Field Synthesis system, 3D Ambisonic listening booth, audiometric test facilities and a range of modern instrum

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	know, it will provide you with the specialist expert knowledge required to become a future leader in audio technology. The University of Salford has a long history of research and teaching in audio and acoustics - by taking this course you will be joining a community of alumni who can be found at the heart of many leading organisations both in the UK and a broad. You will study core	the dissertation. For full-time students, the taught modules all take place in trimesters one and two, followed by the project module in trimester three. For part-time students, the taught modules are spread over trimesters one and two of two years, followed by the project module in year three. Please note that the - Measurement Analysis and Assessment- module includes a lab week in semester 1 of year 2, attendance of which is also mandatory for distance learning students. Depending on your nationality you may require an ATAS certificate and Short Term Study Visa										students who may not have formal/traditional entry criteria but who have relevant experience or the ability to pursue the course successfully. The Accreditation of Prior Learning (APL) process could help you to make your work and life experience count. The APL process can be used for entry	teaching materials, text books and software. Interaction with students is face-to-face wherever practical, but we also use web-based learning support packages (databases of materials, discussion boards etc.) to support the cohorts. Distance learning students are able to stream classes via our Virtual Learning Environment, either to participate live or watch back later. Assessment Taught modules are assessed through assignments The project is	augmented environments) and in transport (car audio or 'infotainment'). The audio acoustics industry is diverse. It includes major firms with 'core' audio-related market share such as Philips, Sony, Dolby, B&O and KEF. Many other businesses employ specialists in acoustics from Salford: Apple, Bentley, JLR to name a few. Building design and architectural acoustics needs specialist engineering consultants looking at room configurations and surface treatments, noise ingress and egress, sound reinforcement system design and so on, and a very wide variety of companies (Arup Acoustics are one large example in our area) employ graduates from our courses. Students also go on to study for a higher	l costs</h3> You should also consider further costs which may include books, stationery, printing, binding and general subsistence on trips and visits. <h3>Scholarships and Bursaries</h3> We offer awards to help you study through our: - Vice-Chancellor's Excellence Scholarship - University of Salford student loyalty discount - Country bursary scheme for International students only There are also other sources of funding available to you. For more information please see our funding section	entation and equipment. We are accredited to perform no less than twelve types of test and the test chambers are maintained by a team of commercially funded technical staff. We also have a UKAS accredited Calibration Laboratory which provides a full scale commercial service to industry. All these facilities are available for students carrying out projects.

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	topics including architectural acoustics, psychoacoustics, dynamics and vibration, computer modelling and measurement. Beyond this, the course provides specialist modules in digital signal processing and advanced loudspeaker and microphone design. Further specialisation is then developed in the Project module. You will be based in the university's internationally-ren	for this - see the Entry Requirements tab for details. 										onto courses or to give you exemptions from parts of your course. Two forms of APL may be used for entry: the Accreditation of Prior Certificated Learning (APCL) or the Accreditation of Prior Experiential Learning (APEL). English Language Requirements International applic	assessed through a dissertation (weighting 80%) and a presentation (weighting 20%) Postgraduate Staff Profile Trevor Coxis Professor of Acoustic Engineering at the University of Salford, author and radio presenter. One major strand of his research is room acoustics for intelligible speech and quality music production and reproduction. Trevor 's diffuser designs can be found in rooms	degree by research, here at Salford or elsewhere. Career Prospects Acousticians with engineering, science and mathematical skills are currently in short supply, and Salford MSc Audio Acoustics graduates are in a very strong position in the jobs market. The University of Salford has over 25 years' experience of placing graduates in key audio and acoustic industries carrying out consultancy, research, development and design. These include well-known companies such as Apple, Dolby and the BBC, and with almost every major acoustic consultancy in the world. Typically our graduates go into: <a href="http://www.acoustics.salford.ac.uk/careers/index.php?content=acoustic		

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	owned Acoustics Research Group. The 2014 Research Excellence Framework panel praised our outputs, saying that the Salford submission showed "particular strengths in acoustics", and our industrial links led our REF impact case study to be singled out by the EPSRC and Royal Academy of Engineering for highlight the economic benefits of engineering and training .&nbs											ants will be required to show a proficiency in English. An IELTS score of 6.0 (with no element below 5.5) is proof of this. If you need to improve your written and spoken English, you might be interested in our English language courses. <h3>International Students - Academic Technology Appr	around the world. He was awarded the IOA 's Tyndall Medal in 2004. Current audio projects include Future Spatial Audio for the Home and a big data project trying to Make Sense of Sound. Trevor has presented over twenty science documentaries for BBC radio including: Life's soundtrack, Save our Sounds and Science vs the Strad. His popular science book, Sonic Wonderland was published in 2014. <a href="http://www.acoustics.salford.ac.uk/profiles/index.php?con	s-audio-research-jobs">Acoustics and audio engineering research Acoustics and noise consultancy Broadcast engineering Entertainment audio and sound system engineering Loudspeaker and audio system design Product sound In 2013, A survey of 500 of our			

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	p; This course is accredited by the Institute of Acoustics for the purposes of meeting the educational requirements for Corporate Membership of the Institute. Graduates may attain Engineering Council registration via the Institute of Acoustics.											oval Scheme (ATAS)</h3> International Students are required by the Home Office and/or the Foreign & Commonwealth Office (FCO) to apply for an Academic Technology Approval Scheme (ATAS) Certificate before they begin studying their course. You may need to	tent=msc_team">Find out about other staff teaching on this course.	acoustic and audio alumni found 1 in 5 of our graduates live outside the UK and 45% are in Senior jobs or are Directors. The 6 most popular industries were: research (15%), environmental (11%), university (10%), construction (9%), architecture (9%) and consumer electronics (6%).		

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												obtain an ATAS Certificate before you come to the UK in order for you to comply with Home Office regulations. Please refer to your offer conditions. You can find out if your programme requires an ATAS by checking the FCO website at <a href="https://www.gov.uk/academic-technology-approval-s				

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												cheme" >https://www.gov.uk/academic-technology-approval-scheme with your JACS code which will be on your offer letter should you choose to make an application. If you cannot find it please contact International Conversion team at application@sal				

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												ford.ac.uk. If you have any queries relating directly to ATAS please contact the ATAS team on Salford-ATAS@salford.ac.uk. You can apply for your ATAS Certificate via this link: <a href="https://www.academic-technology-approv				

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												al.service.gov.uk/">https://www.academic-technology-approval.service.gov.uk/ Please note that distance learners are required to attend a lab week in semester 1 (of year 2 for part-time study), for which they may require ATAS approval and a Short Term Study Visa.				

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												p> Suitable For This course is designed for technically-skilled, numerate graduates whose first degree was in an engineering or science discipline, who wish to train to begin an acoustics and audio engineering career. This course is also suitable for those currently wo				

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												rking in the audio and acoustic industry who wish to expand their expertise. If you feel you have the technical knowledge for the course but lack the engineering maths, please get in touch and we can recommend a 1 year part-time distance-learning maths course that may be suitable to help you meet				

id	course	newcourse	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	entry	teaching	employability	feesandfunding	facilities
												our entry requirements. For informal discussions about your suitability for this course, please contact the programme leader, Dr Jon Hargreaves.				
2							This module aims to provide you with a thorough grasp of room acoustics principles, including theoretical models for both low and high frequencies, developing your ability to apply these in order to	This module aims to provide you with a comprehensive understanding of the principles of computer simulation methods that are commonly used in acoustics. You will develop a critical awareness of	This module is about linking the acoustic signals we measure to peoples' subjective responses. You will gain an understanding of how the auditory system allows humans to perceive different attributes of	In this module you will extend the knowledge you acquired during the Loudspeakers and Microphones module to study their design principles in greater depth. You will analyse the design of elec tro-dynamic	The aim of the project is for you to carry out, under supervision, an extended individual study into a topic in acoustics and/or audio. The topic will be agreed with your supervisor and can be industry based if					

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							analyse existing rooms or design new ones. You will study wave theory and statistical theory for acoustic enclosures, including objective descriptions of and how these tally with listeners' perceptions. Techniques for designing and applying sound absorbing and scattering treatments will be covered, and you will consider the effectiveness and limitations of these in important application areas such as musical performances spaces and critical listening rooms.	the different types of techniques available (e.g. low & high frequency models), as well as developing the ability to apply them effectively and understand their limitations. You will apply these models to practical acoustic systems, thereby demonstrating your specialist understanding and broader problem solving and numeracy skills.	the surrounding acoustic environment, and develop a detailed understanding of how low-level percepts such as pitch arise from the physiology of the ear. You will then study how these are linked to high-level attributes such as emotional response, and how this drives good subjective experiment design.	and distributed mode loudspeaker systems, including the interaction of the electrical, mechanical and acoustical properties to determining sensitivity, frequency response and directionality. This will include study of two-port networks methods and the method of analogues. Practical issues such as radiation efficiency and non-pistonic vibration will be considered, and analysis will be extended to vented, transmission line and band-pass systems.	appropriate. You will be marked on your initiative and project management, as well as your ability to bring together the skills, knowledge and understanding that you have acquired from the course. The project module is often used to further develop the specialist interests of students, for example audio systems projects in association with the BBC, Dolby or The Music Group; or room acoustic design or assessment projects in association with large consultancies.					

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	coursedetails10	coursedetails11	coursedetails12	entry	teaching	employability	feesandfunding	facilities
1	The overall objective of this course is to add value to your first degree and previous relevant experience by developing a focused, integrated and critically aware understanding of underlying theory and current policy and practice in the field of control systems engineering. The course is control systems focused, with the emphasis on control systems theory together with a range of control applications including industrial control (SCADA), intelligent control, flight control and robotic control. The control systems approach provides continuity in learning throughout the one year of study.	This course has been awarded accredited status by both the Royal Aeronautical Society (RAeS) and the Institution of Mechanical Engineers (IMechE) for 2010 to 2014 intake cohorts as meeting the exemplifying academic benchmark for registration as a Chartered Engineer (CEng) for students who also hold an accredited BEng Honours degree. Candidates who do not hold an appropriately accredited BEng Honours degree will gain partial exemption for CEng status; these candidates will need to have their first qualification individually assessed if they wish to progress onto CEng registration. Professional registration and	This module will develop a detailed and systematic understanding of current industrial control technology and practice. On completion of the module you will have the capacity to apply current PLC, SCADA and DCS systems. You will also have the ability to design and program a PLC and robot-based system.	This module will give you a comprehensive understanding and systematic understanding of knowledge in the design and analysis of both measurement and feedback control systems.		The project module is to give you the opportunity to bring together what has been done in all of your other modules, working under the direction of an academic supervisor to carry out high-level coordinated academic and practical work. On completion of the Project, you should have demonstrated the following - Ability to apply multiple theories (educational, technical and project management) learnt elsewhere to a real-world research-driven project - Application of an appropriate software development methodology, using principles of planning, design, usability and scalability - Critical and evaluative appraisal	On completion of this module you will have a complete understanding of how to analyse flight dynamics and the design of flight control systems.	The aim of this module is to give you a comprehensive understanding of the role of artificial intelligence in control applications, and provide you with practical experience of using techniques such as fuzzy logic, artificial neural networks, and evolutionary computing in engineering applications.	This module will develop a detailed and systematic understanding of current industrial control technology and practice. On completion of the module you will have the capacity to apply current PLC, SCADA and DCS systems.You will also have the ability to design and program a PLC and robot-based system.	This module will give you a comprehensive understanding and systematic understanding of knowledge in the design and analysis of both measurement and feedback control systems.	The aim of this module is to give you a comprehensive understanding of the role of artificial intelligence in control applications, and provide you with practical experience of using techniques such as fuzzy logic, artificial neural networks, and evolutionary computing in engineering applications.	On completion of this module you will have a complete understanding of how to analyse flight dynamics and the design of flight control systems.		The project module is to give you the opportunity to bring together what has been done in all of your other modules, working under the direction of an academic supervisor to carry out high-level coordinated academic and practical work. On completion of the Project, you should have demonstrated the following - Ability to apply multiple theories (educational, technical and project management) learnt elsewhere to a real-world research-driven project - Application of an appropriate software development methodology, using principles of planning, design, usability and scalability - Critical and evaluative appraisal	Entry Requirements Typically a minimum of 2:2 honours degree with significant numerate content comparable to first degrees in engineering Accreditation for Prior Experiential Learning (APEL) We welcome applications from students who may not have formal/traditional entry criteria but who have relevant experience or the ability to pursue the course successfully. The Accreditation of Prior Learning (APL) process could help you to make your work and life experience count. The APL process can be used for entry onto courses or to give you exemptions from parts of your course. Two forms of	Teaching Teaching will be delivered through a combination of lectures, tutorials, computer workshops and laboratory activities. Assessment 35% examinations 65% coursework (labs, reports, dissertation) 	Employability Further Study There are opportunities to go on to further research study within our CASE control and Intelligent Systems Research Centre. Research themes in the Centre include: - Control Engineering - Railway/Automotive Research - Computational Intelligence and Robotics - Biomedical Research - Energy and Electrical Engineering For more information 	Fees and Funding Fees 2016-17 <table class="table table-bordered table-striped mls"><tbody><tr><th width="60%">Type of Study</th><th width="40%">Fee</th></tr><tr><td>Full-time</td><td>£6,200</td></tr><tr><td>Part-time</td><td>£1,035 per 30 credits</td></tr><tr><td>Full-time International</td><td>£13,300, £2217 per 30 credits part-time</td></tr><tr><td>Full-time PgDip</td><td>£4,140</td></tr></tbody></table> Fees 2017-18 <table class="table table-bordered table-	Facilities Mechanical Lab - This lab is used to understand material behaviour under different loading conditions and contains a tensile test machine and static loading experiments - typical laboratory sessions would include tensile testing of materials and investigation into the bending and buckling behaviour of beams. Aerodynamics Lab - Contains low speed and supersonic wind tunnels - typical laboratory experiments would include determining the aerodynamic properties of an aerofoil section and influence of wing sweep on the lift and drag characteristics of a tapered

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	coursedetails10	coursedetails11	coursedetails12	entry	teaching	employability	feesandfunding	facilities
		Institution membership will enhance your career in the following ways: - Access to continuous professional development - Careers advice and employment opportunities - Increased earning potential over the length of your career - International recognition of your qualifications, skills and experience - Evidence of your motivation, drive and commitment to the profession - Networking opportunities On completion of the course you should have a critical awareness and understanding of current problems in control engineering, techniques applicable to research in the field of control systems and how established techniques of research				and discussion, arriving at relevant conclusions.								and discussion, arriving at relevant conclusions.	APL may be used for entry: the Accreditation of Prior Certificated Learning (APCL) or the Accreditation of Prior Experiential Learning (APEL). English Language Requirements International students must provide evidence of a proficiency in English at IELTS 6.0 (with no element below 5.5) Suitable For This course is suitable for engineering graduates seeking employment in the automation and control sector, and, in part-time mode, for practising engineers from the control systems area who wish to extend and update their skills. Applicant profile This course is suitable for			striped mls"> <tbody><tr><th width="60%">Type of Study</th><th width="40%">Fee</th></tr> <tr><td>Full-time</td><td>£7,380</td></tr> <tr><td>Part-time</td><td>£1,230 per 30 credit module</td></tr> <tr><td>Full-time International</td><td>£13,500, part-time £6,750</td></tr> </tbody></table> Additional costs You should also consider further costs which may include books, stationery, printing, binding and general subsistence on trips and visits. Scholarships and Bursaries We offer awards	wing section. Composite Material Lab - This lab contains wet lay-up and pre-preg facilities for fabrication of composite material test sections. The facility is particularly utilised for final year project work. Control & Dynamics Lab - Contains flight simulators (see details below) and programmable control experiments - typical laboratory sessions would include studying the effects of damping and short period oscillation analysis, forced vibration due to rotating imbalance, and understanding the design and performance of proportional and integral controllers. Flight Simulators Merlin MP520-T

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	coursedetails10	coursedetails11	coursedetails12	entry	teaching	employability	feesandfunding	facilities
		and enquiry are used to create and interpret knowledge in the field of control systems. You should also be able to deal with complex issues both systematically and creatively, make sound judgments in the absence of complete data, and communicate your conclusions clearly to specialist and non-specialists. Course Structure The MSc course has both full-time and part-time routes over three 12 week semesters Semester One October to February Semester Two February to June Semester Three June to September (dissertation period)														engineering graduates seeking employment in the automation and control sector, and, in part-time mode, for practising engineers from the control systems area who wish to extend and update their skills.			to help you study through our: - Vice-Chancellor's Excellence Scholarship - University of Salford student loyalty discount - Country bursary scheme for International students only There are also other sources of funding available to you. For more information please see our funding section	Engineering Simulator This simulator is used to support engineering design modules, such as those involving aerodynamics and control systems by giving a more practical experience of aircraft design than a traditional theory and laboratory approach. As a student, you'll design and input your own aircraft parameters into the simulator before then assessing the flight characteristics. The simulator is a fully-enclosed single seat capsule mounted on a moving 2-degree of freedom platform which incorporates cockpit controls, integrated main head-up display and two secondary instrumentation display panels.

Database: msc, Table: advanced_control_systems, Purpose: Dumping data

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	coursedetails10	coursedetails11	coursedetails12	entry	teaching	employability	feesandfunding	facilities
																			> An external instructor console also accompanies the simulator and is equipped with a comprehensive set of displays, override facilities and a two-way voice link to the pilot. Elite Flight Training System The Elite is a fixed base Piper PA-34 Seneca III aircraft simulator used for flight operations training and is certified by the CAA as a FNPT II-MCC Multi-Crew Cockpit training environment. It has two seats, each with a full set of instrumentation and controls, and European Visuals, so you see a projection of the terrain that you're flying through, based on real geographic models of general terrain and

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	coursedetails10	coursedetails11	coursedetails12	entry	teaching	employability	feesandfunding	facilities
																			specific airports in Europe.</p>

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	entry	teaching	employability	feesandfunding	facilities
1	The aerospace industry is at the forefront of modern engineering and manufacturing technology and there is an expanding need for highly skilled chartered Aerospace Engineers. If you are looking to pursue a career in aerospace engineering this course will enable you to apply your skills and knowledge of engineering devices and associated components used in the produ	On completion of this module you should have a comprehensive understanding and systematic understanding of knowledge and concepts of aircraft performance by modelling aerodynamic loads and propulsion system performance, leading to key results in both steady and accelerated flight. You will also learn how to predict and interpret optimal performance in cruise, climb and glide and to use predictive modelling techniques in propulsion system and airfield analysis. You will cover: Detailed study of equations governing two-dimensional, compressible, inviscid aerodynamic flows; Analysis of the aerodynamic performance of aerofoil sections over a range of flight conditions, including; subsonic, transonic, supersonic and hypersonic freestream flows; Use of linearised flow	This module covers finite element analysis as a tool for the solution of practical engineering problems and the development of appropriate finite element models of physical systems, and how to interpret the results of the analysis. Practical instruction will be given in the use of an industry-standard finite element analysis program, including the mathematical fundamentals as required. You will also learn how to use sophisticated element types as used to model real structures in industry.	This module explores the processes associated with the assembly of very large aircraft structures, including the techniques of forming, joining and fixturing. You will be made aware of the relevant regulatory and design standards that have to be met and become familiar with the processes that must be used to ensure conformity with those standards As part of the module you be given real engineering problems in an industrial or aerospace environment. This is your opportunity to work either as an individual or as an effective member of a group or team under the guidance of both academic and industrial managers.	On completion of this module you will have a complete understanding of how to analyse flight dynamics and the design of flight control systems.	The aim of this module is for students to obtain an in-depth understanding of the specification, technologies as they may be used in the aviation industry.		Entry Requirements A2:2 degree or above in an engineering or numerate science discipline such as aeronautical, mechanical or electrical/electronic engineering or physics. Applicants who have a HNC/HND and five years' relevant experience may be considered for entry to the PgDip, ini	Teaching The course will be taught by a series of lectures, tutorials, computer workshops and laboratory activities. Some modules will include a structured factory visit to illustrate the processes and techniques and to enable investigations to be conducted. Engineers from the industry will contribute to the specialist areas of the syllabus as guest lecturers. Assessment The coursework consists of one assignment, and two laboratory exercises	Employability This is a highly valued qualification and as a graduate you can expect to pursue careers in a range of organizations around the world such as in aerospace companies and their suppliers, governments and research institutions. Further Study You may consider going on to further study in our Engineering 2050 Research Centre which brings together a wealth of expertise and international reputation in three focussed subject areas. Research at the centre is well funded, with support from EPSRC, TSB, DoH, MoD, Royal Society, European Commission, as well as excellent links with and direct funding from industry. Our research excellence means that we have not only the highest calibre	Fees 2017-18 <table class="table table-bordered table-striped mls"><tbody><tr><th width="60%">Type of Study</th><th width="40%">Fee</th></tr><tr><td>Full-time</td><td>£7,380</td></tr><tr><td>Part-time</td><td>£1,230 per 30 credit module</td></tr><tr><td>Full-time International</td><td>£13,500</td></tr><tr><td>Full-time PgCert</td><td>£2,070</td></tr></tbody></table> Additional costs You should also consider further costs which may include books, stationery, printing, binding and general subsistence on trips and visits. Scholarships and Bursaries We offer awards to help you study through our: Vice-Chancellor's Excellence Scholarship University of	Facilities Mechanical Lab - This lab is used to understand material behaviour under different loading conditions and contains a tensile test machine and static loading experiments - typical laboratory sessions would include tensile testing of materials and investigation into the bending and buckling behaviour of beams. Aerodynamics Lab - Contains low speed and supersonic wind tunnels -

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	entry	teaching	employability	feesandfunding	facilities
	ction of civil and military aircraft, spacecraft and weapons systems. This module has been accredited by the Institution of Mechanical Engineers. On graduation you be able to work towards Chartered Aerospace Engineer status which is an independent verification of your skills and demonstrates to your colleagues and employers your commitment and credentials as	theory results for the analysis of supersonic wing flows						tially. Salford Alternative Entry Scheme (SAES) We welcome applications from students who may not have formal/traditional entry criteria but who have relevant experience or the ability to pursue the course successfully. The Accreditation of Prior Learning (APL) process could	- Assignment 1: Control design skills. (30%) - Laboratory 1: Feedback control design skills and system modelling skills. (10%) - Laboratory 2: Flight dynamics (10%) - The first 5 assignments are of equal weighting of 10%, assignment 6 has a weighting of 20 % - Assignment1: Matlab programming skills assessed. - Assignment2: Simulink / Matlab for control programming skills assessed. - Assignment3: Matlab simulation skills assessed. - Assignment4: Matlab integrati	academics but also the first class facilities to support the leading edge research projects for both post-graduate studies and post-doctoral research. Visit http://www.cse.salford.ac.uk/research/engineering-2050/ for further details.	Salford student loyalty discount - Country bursary scheme for International students only There are also other sources of funding available to you.	typical laboratory experiments would include determining the aerodynamic properties of an aerofoil section and influence of wing sweep on the lift and drag characteristics of a tapered wing section. Composite Material Lab - This lab contains wet lay-up and pre-preg facilities for fabrication of composite material test sections. The facility is particularly utilised for final year project work. Control Dynamics Lab - Contains flight

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	entry	teaching	employability	feesandfunding	facilities
	an engineering professional.							help you to make your work and life experience count. The APL process can be used for entry onto courses or to give you exemptions from parts of your course. Two forms of APL may be used for entry: the Accreditation of Prior Certificated Learning (APCL) or the Accreditation of Prior Experiential Le	on skills assessed. - Assignment5: Matlab matrix manipulation knowledge assessed. - Assignment 6: Aerospace assembly techniques.				simulators (see details below) and programmable control experiments - typical laboratory sessions would include studying the effects of damping and short period oscillation analysis, forced vibration due to rotating imbalance, and understanding the design and performance of proportional and integral controllers. Flight Simulators Merlin MP520-T Engineering Simulator This simulator is used to

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	entry	teaching	employability	feesandfunding	facilities
								arning (APEL). <h3>English Language Requirements</h3> International applicants will be required to show a proficiency in English. An IELTS score of 6.0 (no element below 5.5) is proof of this. <h3>International Students and Students who are Non EU/EEA/UK Nationals - Academic Technology A				support engineering design modules, such as those involving aerodynamics and control systems by giving a more practical experience of aircraft design than a traditional theory and laboratory approach. As a student, you'll design and input your own aircraft parameters into the simulator before then assessing the flight characteristics. The simulator is a fully-enclosed single seat capsule mounted on a moving 2-degree of freedom platform which in

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	entry	teaching	employability	feesandfunding	facilities
								pproval Scheme (ATAS)</h3> International Students and student who are not EU, EEA or UK nationals are required by the Home Office and/or the Foreign & Commonwealth Office (FCO) to apply for an Academic Technology Approval Scheme (ATAS) Certificate before they begin stu				corporates cockpit controls, integrated main head-up display and two secondary instrumentation display panels. An external instructor console also accompanies the simulator and is equipped with a comprehensive set of displays, override facilities and a two-way voice link to the pilot. Elite Flight Training System The Elite is a fixed base Piper PA-34 Seneca III aircraft simulator used for flight operations training and is

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	entry	teaching	employability	feesandfunding	facilities
								dying their course. You may need to obtain an ATAS Certificate before you come to the UK in order for you to comply with Home Office regulations. Please refer to your offer conditions. You can find out if your programme requires an ATAS by checking the FCO website at <a href="https://www.gov.uk/				certified by the CAA as a FNPT II-MCC Multi-Crew Cockpit training environment. It has two seats, each with a full set of instrumentation and controls, and European Visuals, so you see a projection of the terrain that you're flying through, based on real geographic models of general terrain and specific airports in Europe.</p>

Database: msc, Table: aerospace, Purpose: Dumping data

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	entry	teaching	employability	feesandfunding	facilities
								academic-technology-approval-scheme">https://www.gov.uk/academic-technology-approval-scheme with your JACS code which will be on your offer letter should you choose to make an application. If you cannot find it please contact International Conversion team at <a href="mailto:application@salford.ac.u				

Database: msc, Table: aerospace, Purpose: Dumping data

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	entry	teaching	employability	feesandfunding	facilities
								k">application@salford.ac.uk. If you have any queries relating directly to ATAS please contact the ATAS team on Salford-ATAS@salford.ac.uk. You can apply for your ATAS Certificate via this link: <a href="https://www.gov.uk/academic-technology-approval-sche					

Database: msc, Table: aerospace, Purpose: Dumping data

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	entry	teaching	employability	feesandfunding	facilities
								me" >https://www.atas.fco.gov.uk/ Suitable For Suitable for graduates from an engineering or numerate science discipline such as aeronautical, mechanical or electrical/ electronic engineering or physics. Applicant profile You will need to be a highly motivated to com				

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	entry	teaching	employability	feesandfunding	facilities
								plete this challenging but rewarding course, holding either a first degree in an engineering or numerate science discipline or having over 5 years' relevant work experience with appropriate qualifications. You will have ambitions to become a Chartered Aerospace Engineer and to be successful at a high				

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	entry	teaching	employability	feesandfunding	facilities
								level in the aerospace engineering sector.</p>				

Database: msc, Table: applying, Purpose: Dumping data

id	info 1	info 2	info 3	info 4	info 5
1	You should complete your application online. Click the button below to get started. There is plenty of helpful information throughout the application process. If you have all your supporting documents ready, it will only take about 20 minutes to complete the process. However	To complete the application process, you will need to upload scanned copies of your supporting documents. These documents vary from course to course, but usually include: Two references Transcripts or certificates demonstrating that you meet, or are	If you have not yet finished a course, if you are currently studying towards a qualification and receive a conditional offer from us, once you have taken your exams, please ensure that you send copies of your transcripts and certificates to us as soon as possible to allow us to update your	Postgraduate courses may start at varying times throughout the year. You should submit your application at least one month prior to your chosen course starting date.	Applications that are an exception to our online application process are: MA Social Work full-time study via UCAS <a href="http://ww

id	info 1	info 2	info 3	info 4	info 5
	, you can save your application at any stage and come back to it as many times as you like.	likely to meet, the entry requirements for your course Evidence, if English is not your first language, that your command of English meets the standards	ission record. Once you have completed your application form and submitted it, you will receive an email from us acknowledging receipt of your application. We aim to consider your application as soon as we can but this can vary depending on whether you are required		w.salford.ac.uk/study/postgraduate/applying/applying-for-taught-courses/post-qualifying-applications-ug">Post qualifying Health and Social Care single modules Geographical Information

id	info 1	info 2	info 3	info 4	info 5
		required for postgraduate study (an IELTS score of 6.5, or the equivalent, is the norm) - A copy of your passport, if you are coming to us from outside the EU and will require a student visa. - If you	to attend an interview.</p>		Systems are via our partners for this course Manchester Metropolitan University

Database: msc, Table: applying, Purpose: Dumping data

id	info 1	info 2	info 3	info 4	info 5
		are applying for Applied Social Work Practice (MSc, PgDip or PgCert) you will also need to complete the Agency Sponsorship Form and send it to <a href="mailto:P.A.Killeen@salford.ac.u				

Database: msc, Table: applying, Purpose: Dumping data

id	info 1	info 2	info 3	info 4	info 5
		k">P .A.Kil leen @sal ford. ac.u k</l i> For the MA c ours es in Medi a Pr oduc tion you will be r equi red to su bmit a pr oject pro posa l rela ted to your cho sen spec ialist field, to su ppor t your appl icati on. ; A brief writ ten s ynop sis (ma x. 500 word s) of your idea s woul d also be r equi red. &nb			

id	info 1	info 2	info 3	info 4	info 5
		sp; P leas e note that this woul d be for d iscus sion purp oses at the i nter view only . </l i> <p> You must ens ure that you uplo ad all the docu men ts that are need ed to su ppor t your appl icati on.& nbsp ; If you do not provi de us with the i nfor mati on we r equi re to mak e a c ompl ete				

Database: msc, Table: applying, Purpose: Dumping data

id	info 1	info 2	info 3	info 4	info 5
		assessment your application this will delay our response to you.</p>			

id	info 1	info 2	info 3	info 4	info 5
1	Once your application has been received and a decision has been made, we will contact you. This is usually within a few weeks of receiving your application. If you have questions about the progress of your application please email our admis	To accept your place, please return the reply slip that is sent out with your offer letter. We recommend that you return your reply slip and accept your place as soon as possible.	You will need to pay tuition fees to the University for the course you are studying. We have generous fee discounts including our Vice Chancellor's Excellence award and our loyalty bursary. You	We are now taking applications for accommodation from September 2015 onwards, and will be making offers from now until September. We will contact you to let you know we have started taking applications. As soon as you have met the conditions of your offer, we will be in	When you have met the requirements we set out, you will be sent an official letter confirming your place at the University of Salford, together with your Get Ready guide. This contains all of your joining information, including where to go and what to do in your first few days

id	info 1	info 2	info 3	info 4	info 5
	sions team. There are two types of offer: Unconditional - which means that you have already satisfied all the requirements for entry and we accept you as a student Conditional -		can choose to pay in full or by instalments. There is no automatic Government funding for postgraduate students but you can receive help from various sources or take out a <a href="http://www.direct.gov.uk/en/EducationAndLearning/AdultLearning/FinancialHelpForAdultLearners/CareerDevelop	touch with details of the accommodation that has been reserved for you. More information on the Accommodation website	as a student at Salford. Joining information will also be available on the Get Ready website

id	info 1	info 2	info 3	info 4	info 5
	h means there are some outstanding conditions you need to meet before we can accept you as a student. The conditions associated with your offer will be made clear in your offer letter. If you are waiting for exam results and then need to supply copies of academic certificates, please email		mentLoans/index.htm">career development loan.</p>		

id	info 1	info 2	info 3	info 4	info 5
	the m to our <a h ref= "mai lto:p g-ad miss ions @sal ford. ac.u k">a dmis sion s tea m</ a> s tatin g your full nam e and date of bi rth< /li> 				

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	entry	teaching	employability	feesandfunding	facilities
1		 This course entails both practical based and theory modules. The modules are delivered in the recording studios, the audio technology suite, audio post production suite and lecture theatres.	This module will develop advanced sound recording, editing, processing and surround techniques, both within a group and in an individual context. You will be given the opportunity to work with an external client on a recording project that will entail both technical and logistical challenges.	This module covers the tools and techniques used in the audio post production process and how to apply these skills in an original and creative way by developing the advanced skills and techniques needed for sound design, dialogue editing, ADR (automatic dialogue replacement) and Foley work. You will also develop a systematic understanding of mixing for 5.1 surround and to apply these in an original and creative way and be able to develop mastering techniques in stereo and 5.1. On completion you should have the skills and techniques needed to produce broad cast-standard output.	This module will enable you to gain a systematic understanding of, and an ability to critically evaluate likely future developments in media, in both a technical and commercial context. Topics covered include social media, cultural impacts and drivers; consumer markets, digital identity, ethics, privacy, copyright, licensing; content creation, sharing and reuse and digital rights management.	Audio theory will give you a thorough understanding of analogue and digital audio signals and systems and the complex techniques for digitally controlling and interconnecting audio devices. This will include synchronization, clocking and automation across a variety of audio production platforms andcontexts. Digital audio formats will also be examined.	In spatial audio, the spatial hearing capabilities of the auditory system are further investigated and spatial audio systems including stereo, binaural, transaural, 5.1, ambisonics and wave field synthesis will be investigated both in terms of theory and practical use. There will be opportunities to audition and experiment with a number of different surround systems during practical sessions in the recording studios, listening room and anechoic chamber.	You will learn the acoustics of sound propagation in enclosed spaces and will learn how to design methods of treating such spaces to achieve a desired acoustic result and the limitations of those methods. You will learn how to control the noise isolation of these spaces and the technologies used to realise both noise control and a desired acoustic. A walk-through of an existing studio design and its implementation will tie all these strands together so that you can understand the acoustics, engineering and management required in the successful design of both control rooms and other creative audio environments.	In Sound Synthesis, you will learn how to identify and evaluate the objective and subjective principles behind musical instrument perception. You will develop theories of timbre analysis, the ways in which musical instruments produce sound, synthesis techniques and then undertake software-based musical sound synthesis using both emulative and abstract approaches. Additive, subtractive and modulation synthesis will be studied along with signal processing (effects) design.	You will learn a range of research techniques appropriate to audio, acoustics and video and the relationship between research questions, research methods and analysis techniques. This will help prepare you for writing your dissertation that takes place in the third semester. Topics studied include literature searching, data types, qualitative and quantitative data analysis and the integration of different research methods.	The aim of the Master's Project is to carry out, under supervision, an extended individual study into a topic in audio, video, other digital media or acoustics. A large number of topics will be offered to you to choose from or you could undertake a bespoke topic to be agreed between you and your supervisor.Your project will reflect the skills, knowledge and understanding from different areas of the course and will encourage initiative and project management.	Entry Requirements A second class honours degree that must contain significant elements of audio technology or production Accreditation for Prior Experiential Learning (APEL) We welcome applications from students who may not have formal/traditional entry criteria	Teaching Teaching and learning involves a mix of lectures and practical sound engineering work, involving individual and group learning, There is an emphasis on motivated students' self-study. Assessment Assessment involves a mixture of practical work, report writing and project work. By the end of the course students will have built up a substantial portfolio of audio, video and new media work. Assessment is approximately divided across the course as follo		Fees and Funding Fees 2015-16 <table class="table table-bordered table-striped mls"> <tbody><tr> <th width="60%">Type of Study</th><th width="40%">Fee</th></tr> <tr><td>Full-time</td><td>£6,200</td></tr> <tr><td>Part-time</td><td>£1,035 per 30 credits</td></tr> <tr><td>Full-time International</td><td>£13,300,</td></tr> <tr><td>part-time</td><td>£2,217 per 30 credits</td></tr> <tr><td>Full-time PgDip</td><td>£4,140</td></tr> </tbody> </table> Fees 2016-17 <table class="table table-bordered table-striped mls"> <tbody><tr> <th width="60%">Type of Study</th><th width="40%">Fee</th></tr> <tr><td>Full-time</td><td>£6,355</td></tr> <tr><td>Part-time</td><td>£1,060 per 30	Facilities This degree is based in MediaCityUK,the new home for the BBC, ITV, Coronation Street and parts of the University of Salford. MediaCityUK is located at Salford Quays on the banks of Manchester's historic ship canal. The University has the first four floors of a new, purpose built facility that looks over the water to The Lowry theatre, Imperial War Museum North and the new Coronation Street set. ITV occupy the floors above us, with the three

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	entry	teaching	employability	feesandfunding	facilities
												but who have relevant experience or the ability to pursue the course successfully. The Accreditation of Prior Learning (APL) process could help you to make your work and life experience count. The APL process can be used for entry onto courses or to give you exemptions from parts of your cour	ws: - Practical work (30%) - Report/Assignment (35%) - Presentation (5%) - Dissertation - that may entail practical elements (30%) Postgraduate Staff Profile Jos Hirst Sound synthesis and audio production is taught by Jos Hirst. Previously, Jos worked as a live and sometimes studio sound engineer for 15 years, and then decided to find out about the 'hows and whys' of		credit module</td></tr> <tr><td>Full-time International</td><td>£13,500</td></tr> </tbody></table> Additional costs You should also consider further costs which may include books, stationery, printing, binding and general subsistence on trips and visits. Scholarships and Bursaries We offer awards to help you study through our: - Vice-Chancellor's Excellence Scholarship - University of Salford student loyalty discount - Country bursary scheme for International students only There are also other sources of funding available to you. For more information please see our funding section	BBC buildings on one side of us and Peel Media Studios on the other. A number of BBC departments are based at MediaCityUK, having moved from London, including BBC Breakfast, BBC Children's, BBC Radio 5 Live, BBC Future Media and Technology, BBC Learning, BBC Sport and BBC Academy. All of the BBC Manchester operations have also moved to MediaCityUK, including BBC Religion and Ethics, Current Affairs and the BBC Philharmonic. For more in formati

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												se. The Accreditation of Prior Learning (APL) process could help you to make your work and life experience count. The APL process can be used for entry onto courses or to give you exemptions from parts of your course. Two forms of APL may be used for entry: the Accreditation of Prior	the equipment he was operating. He first came to University of Salford in 1996 as an undergraduate, enrolling on the BSc (Hons) Audio Technology. He then studied for a PhD in the research area of spatial audio. More specifically, he investigated objective methods of assessing the spatial capabilities of surround sound systems as well as developing spatializing techniques for multichannel musical synthesis. He finally finished his PhD in 2006. You can have a look at his thesis <a href="http://			on, check out the Salford MediaCityUK site, the BBC North site, and the main MediaCityUK site. Here is a summary of our relevant facilities at MediaCityUK: Audio Post Production and Audio Suite - Mac-based suites that run a range of audio software, including Pro Tools, Reason, Cubase and Reaktor The

Database: msc, Table: audio_production, Purpose: Dumping data

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	entry	teaching	employability	feesandfunding	facilities
												Certificated Learning (APCL) or the Accreditation of Prior Experiential Learning (APEL). <h3>English Language Requirements</h3> International students must provide evidence of proficiency in English - IELTS 6.0 band score (with no element below 5.5) or above are proof of this. <h3>Suitable For</h	usir.salford.ac.uk/2226/">here.				Post Production suite has a Digidesign Icon D-command desk running Pro Tools. - TV Studios - full professional specification studios. Studio A has separate vision and audio control rooms. Studio B allows for a full 3D virtual studio. - Radio Studios - two radio studios, including a small studio space. - Computer Suites - a range of Mac and PC based computer rooms for general computer work. On the main campus, we also have a Pro Tools equipped

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	entry	teaching	employability	feesandfunding	facilities
												3> Graduates from courses that feature large elements of audio engineering and production. Please note that this is not a conversion course - we expect students to have prior experience of recording-studio practice. Applicant profile We are looking for sound engineering/mus				d studio recording complex consisting of four control rooms and recording areas. Please see this studios link for more detailed information.

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	entry	teaching	employability	feesandfunding	facilities
												ic technology students with a keen interest in the subject area. Students will require skill in both the operational and theoretical side of audio production.				
2	On this course, you'll gain practical, theoretical and creative experience of sound engineering, music production and audio technology. You'll explore the design, mani													Employability The wide range of skills provided on this course will enhance your employability. Possible career paths include: audio manufacturer research and design, broadcast engineer in audio for radio or TV, audio and visual design and installation, education, interactive media and sonic arts. Possible career paths include:		

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	entry	teaching	employability	feesandfunding	facilities
	pulation and production of audio across many platforms, including radio, video, animation, TV, the internet, gaming and digital music and you'll be to use our state-of-the-art recording, radio and TV studios to study a mix of sound engineering and theory modules. The aim of the course is to develop the skills that you'll need to create and deliver professional audio,													- Audio manufacturer research and design - Broadcast engineer in audio for radio or TV - Recording studio, live sound engineer, music production - Music technology retail - Theatre or film audio engineer - Musical instrument technology - Audio and visual design and installation - Education - Interactive Media - Sonic arts <h3>Career Prospects</h3><h3>Alumni Profile</h3> Recent graduates from the Audio Production masters have found careers in audio post-production, freelance sound engineering, convergent technologies (audio, video and new media) and broadcast and have been employed by companies such as Sky TV and Channel 4. <h3>Links		

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	coursedetails8	coursedetails9	entry	teaching	employability	feesandfunding	facilities
	whilst underpinning these skills with a sound theoretical background.													with Industry</h3> Staff have strong links with industry either through collaborative R&D projects with industry through the Acoustics Research Centre and our commercial test laboratories. Our research department is a Centre of Excellence for BBC Research. <h3>Further Study</h3> Some students could go on to study a PhD at our world-class Acoustics Research Centre. We have been carrying out acoustics and audio research for over 30 years. Our research is funded by		

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														research councils, government bodies, and industry. It has fed into audio products that companies make and sell worldwide, as well as regulations and standards used in the UK, Europe and beyond. We are also involved in public engagement - getting more people aware of and interested in acoustic science and engineering. </p>		

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
1	Industrial Combustion Engineering is a significant market sector which functions between the electrical and mechanical disciplines. A competent engineer needs to have a knowledge and understanding of thermodynamics, fluid dynamics, and the chemistry of combustion and process engineering. A formal training and qualification route for industrial combustion engineers does not cu	Course Details This course aims: - To provide engineers and industrial practitioners with specialist skills and advanced knowledge to work within industrial and commercial combustion engineering processes. - To develop engineers and scientists with a systematic and a critical awareness of burner technology and its utilisation within industrial and commercial processes (oil and gas). - To provide comprehensive knowledge and a critical understanding of gas safety standards and its application to industrial/commercial combustion processes. - To develop the student professionally to make informed decisions on the design, development, installation and commiss	The aims of this module is to provide the student with a comprehensive knowledge and understanding of combustion theory and the application to the design and operation of industrial and commercial combustion engineering processes, utilising gas and oil burners. Within this module the following topics are covered: - Fluid dynamics: Fluid properties, Ideal gases, Hydrostatics, Real gases, Fluid flow and Turbulence. - Organic chemistry: Chemical terms, Chemical bonding and Organic chemistry. - Thermodynamics: Thermodynamic properties and laws, Thermo dynamic processes - Manufactures gases: Gas families, Gas characteristics, Gas transmission, Fuel-interchangeability	The aim of this module is to provide the student with a critical knowledge and understanding of the mechanisms of heat transfer in relation to industrial and commercial combustion processes, and to critically design, analyse and control burners for industrial and commercial applications. Within this module the following topics are covered: - Heat transfer: Conduction, Convection, Radiation, Applications related to Furnaces, Pipework, Buildings and Boilers. - Heat exchangers: Double pipe heat exchanger, Shell and tube heat exchanger Cross flow heat exchanger and Heat exchanger design. - Steam: Phase diagrams, Saturated steam, Superheated steam, Thermodynamic	The aim of this module is to provide the student with a critical knowledge and understanding of the safety and environmental legislation for the safe installation of pipework and the utilisation of industrial/commercial burners. Within this module the following topics are covered: - Industrial Gas Safety and Regulations: Gas Regulations\Acts, British Standards. - Hazard identification: Understand and identify Immediately dangerous, At risk and Not to current standard scenarios, COMAH, ALARP, FMEA, Cause and Effect, Fault Tree Analysis, HAZOP. - Explosions: Causes of explosions, Types of explosions, Ventilation and Prevention of explosions. - Gas pipe flow: Laminar and Turbulent flow,	The aim of this module is to provide the student with a critical knowledge and understanding of the burner commissioning process, and how to critically analyse and optimise an Industrial and Commercial process. Within this module the following topics are covered: - Flue systems: Flue systems (flue-less, open flued, room sealed), Sizing a flue, Flue construction, Flue design for industrial boilers, Testing flues. - Burner commissioning process: Burner commissioning and safety legislation, Commissioning procedure, Strength Testing, Tightness testings, Purging procedure, Component testing, Burner commissioning, Ignition system and Flame supervision commissioning. - Steam Boilers and Commissioning:	To complete this module, which will give you the full MSc qualification you will need to write a 15,000 word dissertation in Industrial and commercial Combustion Engineering which can be a project related to your current role in industry. This can be in the form of either experimental or theoretically based research.	Entry Requirements The minimum entry requirement is a 2:2 degree in an Engineering or Scientific discipline. Assessment We welcome applications from students who may not have formal/traditional entry criteria but who have relevant experience or	Teaching Teaching is delivered online by e-learning. You will required to attend the University of Salford for a two week period for laboratory teaching and assessment. Assessment You will be assessed through: - Coursework 40% - Examinations 60% Plus dissertation Postgraduate Staff Profile Professor G G Nasr (MILASS, CEng, Eur Ing, FIGEM, FIMechE) Ghasem Ghavami-Nasr is a full-time Professo	Employability Career Prospects You will be able to enter or progress in careers in the designing, commissioning, servicing and maintaining of industrial or commercial combustion equipment. Examples of jobs you could apply for with this qualification might be Service Engineer, Commissioning Engineer, Design Engineer. Links with Industry This course was designed in conjunction with Advanced Combustion Engineering Ltd (ACE) a regional burner manufacturing company. It was their concerns of the lack of formalised training in the commercial combustion engineering sector that they approached the university to devise a programme that would meets these concerns.	

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
	rrently exist. The result of this is a world-wide shortage of skilled competent combustion engineers. This course has been designed to meet this shortage, and is suitable for graduates and professional engineers who wish to gain specialist knowledge and skills in the field of commercial and industrial combustion engineering, or who wish to formalise and progress in their current profe	ioning of industrial and commercial combustion systems. There are three qualifications available, each taking a total of one year. To attain the competent engineer certification you will need to complete a PgDip.	- Combustion: Types of flame (pre-mixed, partially mixed, diffusion flame), Flame velocity, Flammability limits, Stoichiometry, Atomisation, Spray evaporation, Products of combustion, Ignition, Flame stabilisation - Burner types: Non aerated, Partially aerated, Fully aerated and Other burner systems characteristics and design. - Burner design: Air entrainment, Port/orifice sizing, Factors effecting burner design and Burner stability. - Burner performance: Factors affecting burner performance and burner emissions. - Fuel types: Burner design considerations when using various fuels: gas, oil, wood and coal. - Burner ignition: Flame supervision devices and Ignition	analysis of a boiler - Electricity: Electrical fundamentals, Electricity, batteries, DC circuits, Electrical components, - AC Theory: Magnetism, transformers, motors, earthing, AC circuits, AC connections - Burner control: Types of control valves, ancillary components that make up a burner control system - Control theory: Control terms, Closed loop control, Proportional, Integral, Derivative, Automatic control, Control inputs, control equipment , choice of control modes.	Dynamics of pipelines, Pipework planning and design. - Installation of pipework: Pipework layout and legislation, Material and jointing methods, Pipework components, Electrical bonding, Fabricating pipework, Gas pipework sizing, Commissioning. - Gas pipework components: Gas metering devices, Pipework symbols, Pressure regulation, Manually operated valves, Safety valves, Air/gas control, Multi-function control valves, Measurement, Ancillary equipment, Meter installation.	Properties of steam, Barriers to heat transfer, Superheated steam, Mollier chart, Steam quality, Calculating steam requirements, Components of a steam boiler, Commissioning a steam system. - Fault Finding Procedure: Mechanisms of failure, Servicing and maintenance, Assessing and installation, Diagnostic tools, Common faults (Burners, flame protection, ignition systems, valves, electrical systems), Flue gas analysis equipment, Assessing burner firing rate - Emission Reduction: Emissions, Emission reduction methods, Fuel changeover (oil to gas). - Energy Efficiency: Matching boilers to processes, Condensing boilers, Modulating burners, Forms of heat waste, Heat recovery, Regenerators, Recuperators,		the ability to pursue the course successfully. The Accreditation of Prior Learning (APL) process could help you to make your work and life experience count. The APL process can be used for entry onto courses or to give you exemptions from parts of your course. Two forms of APL may	r with the Chair in Mechanical Engineering and Innovation in the School of Computing, Science & Engineering. He is Head of the Engineering Research Centre and Director of the Spray Research Group. Ghasem has over 22 years academic and industrial experience which encompasses research, innovation, development, commercial and enterprise, curriculum development, management and resources. Expert in 'industrial' atomiser design, atomisation processes, spray characterisation and their for		

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
	ssion.		systems.			Combined heat and power, Opportunity costing.		be used for entry: the Accreditation of Prior Certificated Learning (APCL) or the Accreditation of Prior Experiential Learning (APEL). English Language Requirements International students must provide evidence of proficiency in English - IELTS 6.0 band score (with no element belo	mation, utilising advanced laser instrumentations, imaging techniques, process development, CFD modelling and NPD (New Product Development) with ergonomics and cognitive issues. Supporting businesses and commerce worldwide utilising these skills protracted over two decades. His work has application in nanotechnology, steel manufacturing, pharmaceutical, food, agriculture, aerospace, propulsion, humidification, automotive, decontamination, aerosol, medical etc.		

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								w 5.5) or above are proof of this. International Students and Students who are Non EU/EEA/UK Nationals - Academic Technology Approval Scheme (ATAS) International Students and student who are not EU, EEA or UK nationals are required by the Home Office and/or the Foreig			

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
								n & Commonwealth Office (FCO) to apply for an Academic Technology Approval Scheme (ATAS) Certificate before they begin studying their course. You may need to obtain an ATAS Certificate before you come to the UK in order for you to comply with Home Office regulations. Please refer to			

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
								your offer conditions. You can find out if your programme requires an ATAS by checking the FCO website at https://www.gov.uk/academic-technology-approval-scheme with your JACS code which will be on your offer letter should you			

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
								choose to make an application. If you cannot find it please contact International Conversion team at application@salford.ac.uk. If you have any queries relating directly to ATAS please contact the ATAS team on Salford-ATAS@			

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
								salford.ac.uk. You can apply for your ATAS Certificate via this link: https://www.atas.fco.gov.uk/ Suitable For This programme is for experienced practitioners in the field of commercial combustion engineering			

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
								g who wish to formalise their training or for engineers from other similar backgrounds who wish to enter the commercial combustion engineering field. If you do not hold a first degree but have appropriate experience, you will be required to produce a portfolio of relevant work experience within the field			

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
								of engineering as part of the application process.			
2											Fees 2015-16 <table class="table table-bordered table-striped mls"><tbody><tr><th width="60%">Type of Study</th><th width="40%">Fee</th></tr><tr><td>Distance Learning</td><td>£1,230 per 30 credits</td></tr><tr><td>International Distance Learning</td><td>£2,250 per 30 credits</td></tr></tbody></table> Additional costs You should also consider further costs which may include books, stationery, printing, binding and general subsistence on trips and visits. Scholarships and Bursaries We offer awards to help you study through our: Vic

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
											e-Chancellor's Excellence Scholarship - University of Salford student loyalty discount - Country bursary scheme for International students only There are also other sources of funding available to you. For more information please see our funding section

Database: msc, Table: data_telecommunications, Purpose: Dumping data

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding	facilities
1	This course is for students who want to become professionals in computer networks and modern telecommunications fields. You will gain a comprehensive understanding of techniques used to transmit digital information, modern computer network design and operation, communication protocols and the importance of standards and regulatory issues These s	Course Details This course covers a comprehensive range of topics split in to four large modules worth 30 credits each plus the MSc Project. External speakers from blue-chip and local companies will give seminars to complement your learning, that will be real-world case studies related to the subjects you are studying in your modules. These are designed to improve the breadth of your learning and often lead to ideas that you can develop for your MSc Project.	The aim of this module is to provide the you with a knowledge and understanding of the fundamental operation of computer networks and their associated communication protocols which can then be applied to the design of network architectures and provision of network services. This will involve a detailed study of networking and internetworking technologies and the design techniques applied to both local and larger scale networks to produce operational networks. This will be complemented by the critical understanding of different communications protocols, with particular reference to their impact on the provision of a network service.	You will study the principles and practices of effective project management and their application within technology based business environments. The module will involve the study of business and management issues and problems faced by data communication practitioners. You will enhance your ability to engage in independent or team project activities within development and/or research environments. You cover the required skills to develop and undertake research projects, and prepares students for their MSc Project and Dissertation.	The aim of this module is to provide you with a knowledge and understanding of the principles and concepts of design and implementation of telecommunication systems using various techniques related to programming and simulation. This will involve a study of the design and implementation of networked software systems in C++ and various techniques for evaluating data telecommunication systems using analysis, operational analysis, test beds and simulation. You will cover the process of developing the evaluation model including defining the problem, planning the experiments, building the simulation, collecting data and analysing results. The module also incorporates various modelling tools and simulation software and utilises them in the analysis and evaluation of	The aim of this module is to provide you with advanced knowledge and critical understanding of wireless and mobile communication systems and associated technologies. The module concentrates on both infrastructure and ad-hoc wireless networks from a local and large area perspective, with a focus on existing systems and underlying technologies and protocols.	The project to complete your MSc gives you the opportunity to integrate learning from the course modules, working under the direction of an academic supervisor to carry out high-level coordinated academic and practical work. The aim of the project task is to identify a suitable 'data networking' problem and to design, develop and evaluate a solution, critically assessing it against engineering planning and design principles. You will also be required to reflect on the process followed and the choices made.	<h2>Entry Requirements</h2> - An honours degree (second-class or above) in an appropriate subject, such as electronic or electrical engineering, computer science or physics. - Other subjects with a high technical content will be considered individually. <h3>Salford Alternative Entry	Teaching Teaching will be in the form of lectures, individual and group class work, plus topical and relevant participative class discussions and critical evaluation using case studies Laboratories will be used to provide you with hand-on experience of using and setting up network systems. Tutorials will be used to give you practice in solving theoretical and design problems associated with network technologies and network systems. Assessment Most	Employability Career Prospects Graduates with experience of computer network systems and digital communications are in demand in all industrial and commercial sectors. The employment record for the MSc is good, with students obtaining jobs in traditional telecommunication companies, software development companies and companies in the service and commercial sectors. Typical jobs range from network design engineers, network maintenance, software development, systems design and integration, marketing, after-sales support and technical support. Links with Industry We have links with companies such as large companies such as BT, Talk Talk, Motorolla,	Fees 2015-16 <table class="table table-bordered table-striped mls"> <tbody><tr> <th width="60%">Type of Study</th><th width="40%">Fee</th></tr> <tr><td>Full-time</td><td>£7,380</td></tr> <tr><td>Part-time</td><td>£1,230 per 30 credit module</td></tr> <tr><td>Full-time International</td><td>£13,500, part-time £6,750</td></tr> </tbody></table> Additional costs You should also consider further costs which may include books, stationery, printing, binding and general subsistence on trips and visits. Scholarships and Bursaries We offer awards to help you study through our: Vice-Chancellor's Excellence Scholarship University of Salford student loyalty	Facilities You will have access to a dedicated computer networks lab which is equipped with industry standard equipment. In addition to PC equipment, the lab contains a set of switches, routers, servers, wireless equipment, testing tools and analysers which help you in building various data networks. Various software tools and simulation packages are also available in the school's labs for you to use in your assignment and final projects. Such

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding	facilities
	ubjects are supplemented by modules in technical and administration management techniques and by an industry-sponsored seminar course.				practical case studies and scenarios.			Scheme (SAES)</h3> We welcome applications from students with alternative qualifications and/or significant relevant experience, subject to approval through a process of Accreditation of Prior Learning (APL). For further details, contact the School. <h3>English Language Requirements</h3> International	Over the programme, the assessment of the taught modules is as follows: - Examinations - 50% - Coursework and Assignments - 50% Postgraduate Staff Profile Professor Nigel Linge Professor Linge obtained a PhD in the development of Local Area Network bridges in 1987 and since then has been actively involved in computer networking and multimedia applications research. This has included EPSRC, European and industriall	BBC, CICSO and local companies like i-wimax. These companies engage with the University by giving guest seminars and often our students will work with them on their MSc Project. Further Study Many of our graduates will go on to further study in our Computer Networks and Telecommunications Research Centre (CNTR) The CNTR undertakes both pure and applied research in the general field of telecommunications and computer networking including computer networking technologies, wireless systems, networked multimedia applications, quality of service, mobile networking, intelligent buildings, context driven information systems, smart environments and communication protocols.	discount - Country bursary scheme for International students only There are also other sources of funding available to you. For more information please see our funding section	tools enable you to design and test data networks in simulated environments allowing you to experiment with your design before implementing the real network. The course is also supported by other facilities including PC suites, library, programming and office packages and a virtual learning environment.

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								students must provide evidence of proficiency in English - IELTS 6.0 band score (with no element below 5.5) or above are proof of this. Suitable For This course is for students who want to become trained professionals in computer network and modern telecommunications fields. You	funded research investigating high speed networking, the development of new traffic routing mechanisms and the integration of networks using ATM over satellite. He is the current Director of the Centre for Networking and Telecommunications Research and has been a member of academic staff at the University of Salford since October 1986. As a Chartered Engineer and a Member of the Institution of Electrical Engineers (IEE) he has been an active committee	Much of this work is funded through research grants and supported by industry. In addition, members of the group are actively involved in a range of public engagement programmes which aim to raise the awareness of these subjects for the general public and in schools. Research themes in this Centre include: - Wireless technologies and sensor networks - Context and location based information systems - Intelligent buildings and energy monitoring - Communication protocols, traffic routing and quality of service - Network planning, traffic modelling and optimisation - Ubiquitous and ambient technology - Information security and computer forensics - Distributed Systems</li			

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding	facilities
								will usually have a first degree in computer science, electronic or electrical engineering, telecommunications or physics. You must also have recent programming experience, either as part of your final year of study, as part of your degree project or during work experience. We may also	e member since the mid-1980s and has held a number of positions at both a national and regional level. Professor Linge is presently the Junior Vice Chairman of the IEE Manchester Branch. Professor Linge has a broad range of research interests and he is currently supervising PhD research investigating new traffic routing algorithms, the application of active network techniques to network traffic management and firewall access security, networking aware multimedi	> Green ICT Public Awareness		

Database: msc, Table: data_telecommunications, Purpose: Dumping data

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding	facilities
								accept you if you have significant industry experience in telecommunications and networking such as working on the design and implementation of networks and data in a telecommunications organisation.</p>	a applications and next generation mobile services.</p>			

Database: msc, Table: dwbs, Purpose: Dumping data

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
1	This course is your opportunity to specialise in the development of web-based software systems that use databases. During your time with us, you will gain a critical awareness of the methodologies, tools and techniques used for the development, evaluation and testing of data	This course covers a very comprehensive range of topics split in to four large modules worth 30 credits each plus the MSc Project. External speakers from blue-chip and local companies will give seminars to complement your learning, that will be real-world case studies related to the subjects you are studying in your modules. These are designed to improve the breadth of your learning and often lead to ideas that you can develop for your MSc Project.	The module aims to provide a broad overview of the general field of 'database systems' and to develop specialised knowledge in areas that demonstrate the interaction and synergy between ongoing research and practical deployment of this field of study.	This module aims to build on previous knowledge of software development to provide a systematic understanding of up-to-date issues, techniques and technologies for developing robust, usable and scalable web-accessible data-driven applications that conform to interoperable standards. Both the hardware and software aspects of network-based service delivery on an enterprise scale will be covered.	This module aims to equip students with a specialist understanding of the Semantic Web and the data languages commonly used for content development and the associated tools and techniques that can be used for automated extraction, representation and indexing of information in unstructured multimedia data sources such as text, audio/music and image/video data.	The module aims to introduce students to the tools and techniques to build decision making systems for business organisations; from gathering large sets of data and information, to the production of outputs and reports that will allow organisation to make strategic decisions to improve their businesses and predict future trends.	The project module aims to provide you with an opportunity to integrate learning from the course modules, working under the direction of an academic supervisor to carry out high-level coordinated academic and practical work on researching a suitable problem and developing, evaluating and critically assessing a robust, scalable and usable solution.	- The minimum requirement is a second class division 2 Honours degree or equivalent in a computing discipline, including recent programming experience - Other subjects with a high technical content will be considered individually. Salford Alternative Entry Scheme (SAES) We	Teaching on this course takes the form of lectures, individual and group class work, topical class discussions and critical case study evaluation. You will gain hands-on lab experience of using and setting up databases and web-based systems. What's more, tutorials will give you practice in solving the theoretical and design problems associated with these systems. <h3>Assessment</h3> - Coursework 60% - Examinations 40% <h3>Postgra	With this qualification, you'll be equipped as web/database designer and programmer, data analytics and miner among other roles. Your experience will be in high demand across all industrial and commercial sectors. Previous students have gone on to work with companies including British Airways, Google, Hewlett-Packard, Oracle and other IT firms. Links with Industry Our links with industry include large companies (BT, Oracle, Microsoft) and local companies. These companies engage with the University by giving guest seminars and often our students will work with them on their MSc Project. Further Study Many of our graduates will go on to further study in our Computer Networks and Telecom	<table class="table table-bordered table-striped mls"> <tbody><tr><th width="60%">Type of Study</th><th width="40%">Fee</th></tr> <tr><td>Full-time</td><td>£7,380</td></tr> <tr><td>Part-time</td><td>£1,230 per 30 credit module</td></tr> <tr><td>Full-time International</td><td>£13,500, part-time £6,750</td></tr> </tbody></table> Additional costs You should also consider further costs which may include books, stationery, printing, binding and general subsistence on trips and visits. Scholarships and Bursaries We offer awards to help you study through our: - Vice-Chancellor's Excellence Scholarship - University of Salford student loyalty discount - Country bursary scheme for International students

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
	ses. The course also develops an awareness of the latest developments in the field of advanced databases, data mining and data warehousing. You will also gain substantial knowledge and skills in the deployment of SAS business intelligence software leading towards SAS data miner accreditation, and learn what the Semantic Web and Linked Data are, together with what these techn							welcome applications from students who may not have formal/traditional entry criteria but who have relevant experience or the ability to pursue the course successfully. The Accreditation of Prior Learning (APL) process could help you to make your work and life experience count. The APL process	duate Staff Profile</h3> Dr Mohamad (Mo) Saraee Senior Lecturer in Data Mining & Bioinformatics Module leader for Business Intelligence and Advanced Databases. Further details... Dr N. Murray Programme leader: MSc/Pg Dip Database and Web-based Systems Lecturer in the School of Computing, Science & Engineeri	munications Research Centre (CNTR) The CNTR undertakes both pure and applied research in the general field of telecommunications and computer networking including computer networking technologies, wireless systems, networked multimedia applications, quality of service, mobile networking, intelligent buildings, context driven information systems and communication protocols. Much of this work is funded through research grants and supported by industry. In addition, members of the group are actively involved in a range of public engagement courses which aim to raise the awareness of these subjects for the general public and in schools. Research themes in this Centre include: Wireless technologies and sensor	only There are also other sources of funding available to you. For more information please see our funding section

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
	ologies enable.							can be used for entry onto courses or to give you exemptions from parts of your course. Two forms of APL may be used for entry: the Accreditation of Prior Certificated Learning (APCL) or the Accreditation of Prior Experiential Learning (APEL). English Language Requirements Internationa	ng. Further details...	networks - Context and location based information systems - Intelligent buildings and energy monitoring - Communication protocols, traffic routing and quality of service - Network planning, traffic modelling and optimisation - Ubiquitous and ambient technology - Information security and computer forensics - Public Awareness	

Database: msc, Table: dwbs, Purpose: Dumping data

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
								l students must provide evidence of proficiency in English - IELTS 6.0 band score (with no element below 5.5) or above are proof of this. Suitable For Students who want to become trained professionals: In designing and implementing database systems in Oracle/MySQL DBM			

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
								S, and those who want to work towards DBA certification - In designing and implementing web applications using ASP.NET, Microsoft SQL Server and PHP with MySQLIn data and text mining using SAS Enterprise Miner. - In Semantic Web languages and tools including SPARQ			

Database: msc, Table: dwbs, Purpose: Dumping data

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
								RDF and OWL. 			

Database: msc, Table: foi, Purpose: Dumping data

id	info 1	info 2
1	If you wish to make an enquiry about data held by the University and which does not seem to be already available, you make a request in one of the following ways: Write directly to the Information Governance Team, Legal Planning and Governance Director	Under the terms of the Data Protection Act 1998 you are permitted to submit a request to the University for any information held about you as an individual. If you wish to make an enquiry about data that relates to yourself, please refer to our <a href="http://www.infogov.salford.ac.

Database: msc, Table: foi, Purpose: Dumping data

id	info 1	info 2
	ctorate, 6th Floor Maxwell Building, stating your name, address and details of the information that you require. Complete the form entitled 'Request for access to information under the Freedom of Information	uk/dataprot/">Data Protection pages for guidance on how to make a Subject Access Request.</p>

Database: msc, Table: foi, Purpose: Dumping data

id	info 1	info 2
	Act 2000' and return it to the Records Manager. - Complete the Online Freedom of Information Request Form, which will automatically be forwarded to the Records Manager. </ul	

Database: msc, Table: foi, Purpose: Dumping data

id	info 1	info 2
	> <p> When we receive your request we shall instigate a search for the information you need. If we cannot determine exactly what information you require, we shall contact you as soon as possible to clarify your request. If we already publish the information you require, we shall send	

Database: msc, Table: foi, Purpose: Dumping data

id	info 1	info 2
	you detai ls of how to find the i nfor mati on.< /p> In all othe r case s, the i nfor mati on you need will be lo cate d and provi ded to you in your pref erre d for mat. Plea se note that som e inf orm ation may be e xem pt from your acc ess: shou ld that be the case , we will provi de	

Database: msc, Table: foi, Purpose: Dumping data

id	info 1	info 2
	what information we can and also provide reasons why other information has not been released to you. Please also note that we may need to charge a fee to cover the costs of our search and any copying: until a fee is received, the information you require will not be released to you.	

Database: msc, Table: foi, Purpose: Dumping data

id	info 1	info 2
	Before submitting any request you are advised to check the University's Publication Scheme. to determine whether the information you require is already available publicly. If you need any advice on your req	

id	info 1	info 2
	uest, or you are unhappy with our response, please write to the Records Manager at the address shown below: Head of Information Governance, Governance Services Unit, 1st Floor Acton Square, University of Salford, Salford, M5 4WT.	

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
1	<p>A comprehensive range of subjects is studied covering the whole spectrum of natural gas engineering, providing a sound base from which to select an area of specialised study.</p> <p>You may also be eligible for membership of the Gas Engineering and Management Institute and subsequently become a Chartered Engineer. Alternatively you may wish to continue your studie	Course Structure This course runs over two 12 week semesters (plus the third semester or summer period for your dissertation for MSc students) Semester 1 - October to February Semester 2 - February to June Semester 3 - June to September (dissertation period)	This module will give you specialist knowledge in gas science technology and gas processing covering subjects such as the liquefied natural gas industry, planning of gas supply systems, LPG technology and treatments of crude natural gas to reach accepted specifications.	You will study the operational principles of instruments available so that you will be able to monitor parameters such as pressure, temperature and flow. This also includes advanced measurement techniques and experimental investigations relating to oil and natural gas engineering.	This module will give you a thorough knowledge and understanding in relation to the project management of modern gas engineering industry. You will cover topics such as quality management systems, managing and developing people, business finance, demand, legal frameworks, organisational management, project management and sales contracts.	This module will give you the knowledge and skill necessary to understand the utilisation of natural gas in terms of combustion flames, combustion technology, gas burner designs, sprays and atomisation, commercial markets and safety including temperature processes relating to natural gas engineering.	This module will teach you to apply your knowledge to gas distribution systems and gain a thorough understanding of the design and operation of gas transmission systems.		You must undertake a dissertation on any aspect of the natural gas business. This can be in the form of either experimental or computational based. The project can frequently relate to research work already in the school and natural gas engineering.	<h2>Entry Requirements </h2> <p> The minimum entry requirement for those from a British University with Engineering and Scientific disciplines is 2:2 degree.</p><h3> Salford Alternative Entry Scheme (SAES)</h3> <p> Applications from practitioners without formal qualifications but with significant experien	Teaching Teaching will take the form of traditional lectures in a classroom, with PowerPoint presentations and videos and reference to laboratory work, demonstrations, workshops and tutorials and use of specialised software as applicable. Assessment Coursework and labs - 30% Examinations - 70% Plus Dissertation 	<h2>Employability</h2> <p>Graduates pursue a variety of careers in the natural gas/oil industry. The programme covers all aspects of gas technology and associated gas business management and will enable students to increase their skills and technical knowledge. </p><h3>Further Study</h3><p>You may want to go on to further study with our Engineering 2050 Research Centre as part of the Spray Research Group.</p><p> The Spray Research Group is specialised in the production of sprays, atomiser design and turbulent spray structures. The group has a wide variety of experience in applying experimental and computational modelling techniques, utilising state-of-the-art facilities to fundamental and industrial and	Fees 2017-18 <table class="table table-bordered table-striped mls"> <tbody><tr> <th width="60%">Type of Study</th><th width="40%">Fee</th></tr> <tr><td>Full-time</td><td>£7,800</td></tr> <tr><td>Full-time International</td><td>£16,700</td></tr> <tr><td>Full-time PgDip</td><td>£7,800 ; International £11,135</td></tr> </tbody> </table> Additional costs You should also consider further costs which may include books, stationery, printing, binding and general subsistence on trips and visits. Scholarships and Bursaries We offer awards to help you study through our: - Vice-Chancellor's Excellence Scholarship - University of Salford student loyalty discount - Country bursary scheme for International

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
	s to PhD level, researching gas engineering or other related subjects available within the School of Computing, Science & Engineering.									ce of the criminal justice system may also be considered via our Accreditation of Prior Learning (APL) process. English Language Requirements International students must provide evidence of proficiency in English - IELTS 6.0 band score (with no element below 5.5) or above are proof of this.</p		commercial applications of sprays, the design of atomisation devices and Petroleum Technology. We have a wide variety of experience in applying experimental and simulation modelling techniques, utilising state-of-the-art facilities to fundamental and industrial and commercial applications of Petroleum Technology. Our expertise also extends to fluid mechanical and instrumentation related research and devoplment in the covers the production of sprays, the structures of sprays and interaction with fluid/boundary interactions, mixing, vaporization and combustion. Research areas include: - Reservoir simulation modelling - Smart well technology - Drilling technologies - Enhance	students only There are also other sources of funding available to you. For more information please see our funding section

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
										> International Students and Students who are Non EU/EEA/UK Nationals - Academic Technology Approval Scheme (ATAS) International Students and student who are not EU, EEA or UK nationals are required by the Home Office and/or the Foreign & Commonwealth Office		d oil recovery (EOR) - Internal and external fluid flow modelling of production facilities - Gas processing and transportation (GTL) Alumni Profile Samuel Kofi Agbetsiafa MSc Gas Engineering and Management "I chose to study in the UK to gain a good quality education and learn from the experiences of students from different countries. Salford is the only university which offers my course and I was attracted by the profile of the lecturers. In addition I was impressed with the teaching and learning facilities and the fact that the School is home to a large number of foreign students. I'll always have fond memories about the University. For me, I would say the best things about	

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
										(FCO) to apply for an Academic Technology Approval Scheme (ATAS) Certificate before they begin studying their course. You may need to obtain an ATAS Certificate before you come to the UK in order for you to comply with Home Office regulations. Please refer to your offer conditions. You can		studying at the University of Salford are the excellent tuition by experienced lecturers, the well-stocked library with the latest collection of books and journals and ICT facilities, and the free internet access at both School and student accommodation."</p>	

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
										find out if your programme requires an ATAS by checking the FCO website at https://www.gov.uk/academic-technology-approval-scheme with your JACS code which will be on your offer letter should you choose to make an application. If you			

Database: msc, Table: gas_engineering, Purpose: Dumping data

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
										cannot find it please contact International Conversion team at application@salford.ac.uk. If you have any queries relating directly to ATAS please contact the ATAS team on Salford-ATAS@salford.ac.uk. You can			

Database: msc, Table: gas_engineering, Purpose: Dumping data

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
										apply for your ATAS Certificate via this link: https://www.atas.fco.gov.uk/ Suitable For Graduates from an appropriate discipline, such as mechanical engineering. Professionals with four years' relevant industrial or pr			

Database: msc, Table: gas_engineering, Purpose: Dumping data

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
										ofessional experience may be considered for entry to the PgDip initially. </p>			

Database: msc, Table: home, Purpose: Dumping data

id	index 1	index 2	index 3	index 4
1	The School is based at the heart of the campus and at MediaCity UK. Working closely with industry partners on multidisciplinary projects, the School of Computing, Science & Engineering addresses current and future challenges. With our breadth of courses, award winning lecturers, research led teaching and commitment to producing highly employ	The School is equipped with an extensive range of leading edge facilities that support teaching and research. Most of <a href="http://www.salford.ac.uk/computing-science-engineering/courses" title="Degree courses in the School of Co	We are home to students from more than 60 different countries, with facilities and services that support international students from arrival to graduation. The school is engaged in many international partnerships across the world in teaching, enterprise and research.	Postgraduate Fairs If you 're considering further study, visit one of our postgraduate fairs to explore our range of programmes. For more information, see our latest timetable of our on- and off-campus <a href="http://www.salford.ac.uk/study/postgraduate/taught/postgraduate-events

id	index 1	index 2	index 3	index 4
	yable graduates, the School is leading groundbreaking, stimulating postgraduate education and research studies. Salford - the city and the university - has a history rich in science and engineering, synonymous with the origins of the Industrial Revolution. This heritage has helped the School develop into a modern and dynamic environment well placed to further the needs of soci	mputing, Science & Engineering ">our degree courses are accredited by a professional body; this strengthens links with our industrial partners and ensures that your study is appropriate and relevant to the marketplace. <a href="http://www.salford.ac.uk/computing-science-engineering/research" title="Research in the School of Computing, Science & Engin		" style="border: 0px">postgraduate fairs. Postgraduate Open Days Taking the next step on your academic journey will allow you to specialise in your area of interest. Come to one of our postgraduate open days to find out more about our programmes. Find out more about our <a href=

id	index 1	index 2	index 3	index 4
	ety.</p>	eering ">Research in the School spans the whole spectrum of the diverse subject areas covered by the school. In the Research Assessment Exercise (RAE) 2008, more than 50% of our staff returned for assessment were rated internationally excellent or world leading. The School also has strong research and academic partnerships with industry such as the BBC, BT, CISCO, Airbus		"http://www.salford.ac.uk/study/visit/postgraduate-open-days">postgraduate open days.</p>

id	index 1	index 2	index 3	index 4
		, RSSB, United Utilities and Marshalls, enabling effective knowledge transfer and up-to-date awareness of topical issues in relevant industries.</p>		

Database: msc, Table: howtogethere, Purpose: Dumping data

id	info 1	tram	bus	bicycle	car	flight
1	MediaCityUK is close to one of the most comprehensive transport infrastructures in the country, so getting here won't be a problem. When travelling to MediaCityUK please try to use public transport wherever possible. <a href="http://www.salford.ac.uk/__data/as	- Runs every six minutes in both directions between Manchester Piccadilly and MediaCityUK - Only 15 minutes between MediaCityUK and Manchester Piccadilly by tram	The CityConnect number 50, operated by Stagecoach, runs every 10-15 minutes from Manchester city centre via the University of Salford's main Peel Park campus and Salford Shopping Cent	There are over 300 cycle bays across the MediaCityUK site.	For those who need to travel by car, a new link road with the M602 motorway will give drivers the option to approach MediaCityUK from either end of Broadway. The M6	Manchester Airport, a 20-minute drive from MediaCityUK, offers a choice of more than 200 destinations worldwide. Additional overseas connections are available at nearby Liverpool John Lennon Airport.

id	info 1	tram	bus	bicycle	car	flight
	sets/pdf_file/0011/42500/MediaCity-map.pdf">Download the MediaCityUK map (PDF)</p>		re, between 7am and 11pm, Monday to Friday, and between 8am and 6pm at the weekend. Staff and students can travel free between the main University campus and MediaCityUK on production of		02 provides onward linkages to major routes leading in all directions. - There is very limited parking at the site.	

id	info 1	tra m	bus	bicycle	car	fligh t
			their University ID cards. For more details on the timetable and route, visit the Transport for Greater Manchester website The X50			

Database: msc, Table: howtogethere, Purpose: Dumping data

id	info 1	tram	bus	bicycle	car	flight
			runs every 15 minutes from Manchester city centre to the Trafford Centre via Salford Quays. MediaCityUK is just a few minutes 'walk from the Imperial War Museum stop on Trafford Wharf Road, via foo			

Database: msc, Table: howtogethere, Purpose: Dumping data

id	info 1	tra m	bus	bicycle	car	fligh t
			tbri dg e ove r the Ma nch est er Shi p C an al. For ti me tab le det ails visi t <a hre f=" htt p:// ww w.t fg m. co m/j our ne y_p lan nin g/R out eM aps /X5 0.p df" >o per ato r St ag eco ach ’s we bsit e</ a> </u l>			

id	study	scholarship	ourstudents	meeting	apply	faq	gettingready
1		Do you have an excellent academic record? Then you could qualify for one of our generous international scholarships or bursaries. Our scholarship programs are worth up to £5,000. Over the past couple of years we have awarded more than £1.5 million in international scholarships to students from across the world.	There are over 3,000 international students from more than 100 countries currently studying at the University of Salford. Read the blogs and watch the videos of some of our students to get advice and find out more about what it is really like to be a student of The University of Salford.	Representatives of the University of Salford regularly travel overseas and are happy to meet you to discuss study at the university or related issues. The following events have been confirmed. Details of location, dates and times are given, as well as information about the representative/s and organiser. We hope you can meet us!	Please see our Course Finder for information on all our courses.	FAQ	

id	info 1	info 2	info 3	info 4
1		 - Over 30 undergraduate and postgraduate courses taught at MediaCityUK - Our production suites, studios and digital infrastructure have been informed and specified by industry and future proofed for emerging creative technologies. - Our close partner	Our Student Life team provide student advice, support and career development resources, delivering a yearround information service. Advisers are located on-site alongside colleagues from the library and academic support, staffing the support desk based on the first floor. Specialist advi	On the ground floor of the building, there is a cafe providing drinks, snacks and sandwiches, while on other floors refreshments will be available from vending machines. There are also restaurants, cafés, bars and a supermarket all conveniently lo

id	info 1	info 2	info 3	info 4
		ships with major businesses such as BT and Adobe will inform the development of our courses and research projects - keeping our focus constantly up to date with the real world. Our aim is to have all students working on live briefs (assigned by our business part	sers will also be available by appointment to give expert one-to-one advice, either face to face or via the internet. You can also get advice and information 24 hours a day through touch screen kiosks situated throughout the building which carry news and information abou	cated within walking distance at Media City UK and at the neighbouring Lowry shopping and entertainment complex.</p>

id	info 1	info 2	info 3	info 4
		ners) as part of their cour se. Thes e will be used as a key aspe ct of our t eachi ng and prep arin g our s tude nts to be p rofes sion als. Sh are k nowl edge and i deas .&nb sp; P artici pate in 'cr oss-work ing' acro ss co urse s &# 45; for e xam ple, stud ents stud ying jour nalis m, b road cast, post	t Stu dent Life and othe r Uni versi ty se rvice s and oppo rtuni tie	

id	info 1	info 2	info 3	info 4
		-production and scriptwriting will work together to produce portfolios. <p>Take a look at the courses we are currently teaching at our MediaCityUK locat		

id	info 1	info 2	info 3	info 4
		ion, or visit us on an <a href= "http ://w ww.s alfor d.ac. uk/st udy/ visit" title ="Vi sit u s">o pen day to mee t cur rent stud ents, and find out mor e abou t the cour ses and expe rienc e our f anta stic bran d new facili ties for y ours elf.< br> We are also deve lopin g a rang e of prof essio nal		

Database: msc, Table: mediacity, Purpose: Dumping data

id	info 1	info 2	info 3	info 4
		short courses. </p>		

id	info 1	info 2	info 3	info 4	info 5	info 6
1	We are currently the only University to have a presence at MediaCityUK, with a space designed to encourage creativity, innovation and collaboration between academics, students, professionals and industry. Located at the heart of six national BBC departments and a mas	The location, state-of-the-art facilities and our focus on industrial partnerships give our 1,500 students exceptional opportunities, placing them in prime position for digital and media careers. Over 30 undergraduate and postgraduate venue pages for more details	We offer consultancy, professional training and short courses, graduate placements and partnerships - all tailored to the needs of the business we are working with. With many examples of how we have worked, and how we continue to work with local, national and inter	World-leading facilities in our building at MediaCityUK will be used to conduct innovative studies with global partners in industry and academia, placing our research at the vanguard of the new digital era. 	Our building has already been the venue of choice for high profile events, where flexibility, superior facilities and historic, stunning surroundings make it an excellent and original choice. Visit our venue pages for more details	This is a city designed specifically around the media industry bringing together all the ingredients that make a great place to live, work and visit. It's a fairly broad audience - some of those who will come to MediaCityUK might not even use the word media to describe what they do - but it is expected

id	info 1	info 2	info 3	info 4	info 5	info 6
	s of independent specialist creative, digital and media organisations - our new location at Media City UK opened its doors in October 2011. Our vision is to create an innovation led academic ecosystem that is transdisicplinary, and nurtures the development of talent for the creative, media	k/study/courses"> courses taught at MediaCityUK - Our production suites, studios and digital infrastructure have been informed and specified by industry and future proofed for emerging creative technologies. - Our close partnerships with major business such	nal companies such as Adobe, BT and the BBC the University of Salford aims to be a key contributor to the economic growth and efficient two-way flow of knowledge and experience between digital and media industries and higher education.	Unique collaborative spaces dedicated to supporting true cross-disciplinary working and established large scale research projects are designed to build research capacity and new forms of collaboration between higher education and businesses in the digital and creative industries sector.	on our spaces for hire.	that MediaCityUK's population will include everyone from TV producers to computer game designers. The desire is for MediaCityUK to be a genuine community, where collaborative relationships can grow and flourish. It's a concept reflecting the way the industry is moving, as the boun

id	info 1	info 2	info 3	info 4	info 5	info 6
	and technology economies. This is a space where science and creativity collide to deliver the big digital ideas of the future - a new world requiring talented people from different disciplines to think and work together.	as BT and Adobe will inform the development of our courses and research projects - keeping our focus constantly up to date with the real world. Our aim is to have our students working on live briefs (assigned by our business partners) on all MediaCityUK c ours				dari es b etwe en 'new ' and 'old' media be com e inc reasi ngly blurred. This is a brav e new worl d whic h will r equi re ta lente d pe ople from diff eren t dis cipli nes to work tog ethe r - M edia City UK is a plac e wher e this can happ en. Sh ops and rest aura nts on site i nclu de Cost

id	info 1	info 2	info 3	info 4	info 5	info 6
		es. Thes e will be used as a key aspe ct of our t eachi ng and prep arin g our s tude nts to be p rofes sion als. 				a Co ffee, Wa gam ama s and nort hern sup erm arke t chai n Bo oths Pe el Medi a have inve sted &#1 63;5 00 milli on in to the deve lopm ent of the area Ph ase one cove rs 36 acre s A fur ther 200 acre s have been ear mar ked for futur e de velo

Database: msc, Table: mediacityabout, Purpose: Dumping data

id	info 1	info 2	info 3	info 4	info 5	info 6
						pment Peel Media estimate 4,000 to 5,000 people will be working at MediaCityUK in 2012. For more information on this exciting development, visit the Media City UK website.

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
1	This course is designed for engineering graduates who intend to enter or enhance their career prospects in the oil or natural gas industry. It will be re-accredited by the IGEM in 2016. The course explores the geology, exploration, drilling, production (surface and subsurface), reservoir engineering and management, distribution and transmission of oil and gas from p	Course Details As well as studying the topics outlined in the following modules you will be expected to develop, to a professional standard, a number of transferable skills such as numeracy skills by way of quantitative mathematical analysis, problem solving skills, communication skills during group work, laboratory report writing and time management skills.	This module is to prepare you for the workplace by teaching you skills in project management as it relates to the modern oil and gas engineering industry. Some of the topics you will cover include quality management systems, how to appraise the financial position of a business, the variables which influence demand for products, the legal framework and economics of trading patterns for businesses in the gas and petroleum sector.	This module explores the principles of exploration, drilling, production and development system in terms of the geology, the reservoir, acquisition, production and operations relating to oil and gas engineering.	This module will give you specialist knowledge in gas science technology and gas processing covering subjects such as the liquefied natural gas industry, planning of gas supply systems, LPG technology and treatments of crude natural gas to reach accepted specifications.	You will learn how to apply your knowledge to gas distribution systems and gain a thorough understanding of the design and operation of gas transmission systems including the economics of supply, safety and storage. Much of the learning of these systems will be carried out through the use of computer simulation exercises.	You will study the operational principles of instruments available so that you will be able to monitor parameters such as pressure, temperature and flow. This also includes advanced measurement techniques and experimental investigations relating to oil and natural gas engineering.	You will study the operational principles of instruments available so that you will be able to monitor parameters such as pressure, temperature and flow. This also includes advanced measurement techniques and experimental investigations relating to oil and natural gas engineering.	You must undertake a project on any aspect of the natural gas business. This can be either experimental or computational based. The project frequently relates to research work carried out in the University and in natural gas engineering.	Entry Requirements 2:2 degree in an engineering or scientific discipline. Salford Alternative Entry Scheme (SAES) We welcome applications from students who may not have formal/traditional entry criteria but who have relevant experience or the ability to pursue the course suc	Teaching Teaching will be carried out as formal lectures, laboratories, tutorials and workshops Assessment Petroleum and Gas Engineering students are required to attend all of the modules. There are seven examination sessions. Students must pass all the modules studied with an overall average of at least 50% in the module programmes and in the course assessed work. All laboratory and course assessed work must be submitted on time	Employability Career Prospects Due to the relative uniqueness of this course in the UK, together with the high demand of graduates with the types of skills and knowledge that this course offers, employment prospects are excellent. Graduates can expect to enter or progress in industries such as petroleum, gas, process engineering, chemical or steel. Links with Industry This programme is strongly supported by major petroleum and gas engineering technology providers.	Fees 2017-18 <table class="table table-bordered table-striped mls"><tbody><tr><th width="60%">Type of Study</th><th width="40%">Fee</th></tr><tr><td>Full-time</td><td>Â£7,800</td></tr><tr><td>Full-time International</td><td>Â£16,700, part-time Â£5,570</td></tr><tr><td>Full-time PgDip</td><td>Full time, Â£5,200, part time: Â£2600, International: Â£11,135</td></tr></tbody></table> Additional costs You should also consider further costs which may include books, stationery, printing, binding and general subsistence on trips and visits. Scholarships and Bursaries We offer awards to help you study through our: Vice-Chancellor's Excellence Scholarship University of Salford student loyalty discoun

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
	ractical and theoretical viewpoints. You will develop the knowledge and the skills for problem solving in terms of development, design, business and economics management in oil and gas engineering which will assist you to make management and scientific decisions in the workplace. On completion of this course you may be eligible to join the Institut									cessfully. The Accreditation of Prior Learning (APL) process could help you to make your work and life experience count. The APL process can be used for entry onto courses or to give you exemptions from parts of your course. Two forms of APL may be used for entry: the Accreditation	and to the required standard. Students admitted to the course at Diploma level with examination and coursework of 50% may proceed to MSc level. (120 Credits) MSc Students must undertake a dissertation (60 Credits) on any aspect of the natural gas business either experimentally or computationally. The project can frequently relate to research work already in the school and or natural gas engineering and management. You will be assessed by both coursework 50% and exa		t - Country bursary scheme for International students only There are also other sources of funding available to you. For more information please see our funding section

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
	on of Gas Engineers & Managers or Society of Petroleum Engineers which may enable you to qualify as a Chartered Engineer.									of Prior Certificated Learning (APCL) or the Accreditation of Prior Experiential Learning (APEL). English Language Requirements International students must provide evidence of proficiency in English - IELTS 6.0 band score or above are proof of this with no individual element below 5.5. <h3	minations 50% Postgraduate Staff Profile Professor G G Nasr (MILASS, CEng, Eur Ing, FIGEM, FIMechE) Ghasem Ghavami-Nasr is a full Professor with the Chair in Mechanical Engineering and Innovation in the School of Computing, Science & Engineering. He is Head of the Engineering Research Centre and Director of the Spray Research Group. Ghasem has over 22 years academic and industrial experience which encompasses research, innova		

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
										>International Students and Students who are Non EU/EEA/UK Nationals - Academic Technology Approval Scheme (ATAS) International Students and student who are not EU, EEA or UK nationals are required by the Home Office and/or the Foreign & Commonwealth Office (FCO) to	tion, development, commercial and enterprise, curriculum development, management and resources. Expert in 'industrial' atomiser design, atomisation processes, spray characterisation and their formation, utilising advanced laser instrumentations, imaging techniques, process development, CFD modelling and NPD (New Product Development) with ergonomics and cognitive issues. Supporting businesses and commerce worldwide utilising these skills protracted over two decades. His work has application in nanot		

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
										apply for an Academic Technology Approval Scheme (ATAS) Certificate before they begin studying their course. You may need to obtain an ATAS Certificate before you come to the UK in order for you to comply with Home Office regulations. Please refer to your offer conditions. You can find out if	echnology, steel manufacturing, pharmaceutical, food, agriculture, aerospace, propulsion, humidification, automotive, decontamination, aerosol, medical etc.</p>		

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
										your programme requires an ATAS by checking the FCO website at https://www.gov.uk/academic-technology-approval-scheme with your JACS code which will be on your offer letter should you choose to make an application. If you cannot			

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
										find it please contact International Conversion team at application@salford.ac.uk. If you have any queries relating directly to ATAS please contact the ATAS team on Salford-ATAS@salford.ac.uk. You can apply for			

Database: msc, Table: petroleum_gas, Purpose: Dumping data

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
										your ATAS Certificate via this link: https://www.atas.fco.gov.uk/ Suitable For Suitable for engineering graduates or engineers and industrial practitioners who are interested in entering or progressing in the petroleum and gas i			

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
										ndustries. You may have a first degree in engineering or a scientific discipline including geology and physics and will be keen to enter the gas or oil industry as an engineer. You may also already have significant experience of working as an engineer in the gas and oil industry

Database: msc, Table: petroleum_gas, Purpose: Dumping data

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	coursedetails7	entry	teaching	employability	feesandfunding
										and wish to formalise your current position with an academic and professional qualification.</p>			

id	privacyinfo	information	collect	permission	informationcollect	personalinformation1	personalinformation2	cookies	registration	interactive	security	ecommerce	international	advertising	links	privacystatement	futureinformation	contact
1	University of Salford is committed to respecting and protecting your privacy as a visitor to our website at http://www.salford.ac.uk/. We take the issue of privacy very seriously and value the trust you place in us each time you use our services and access this website. This Privacy Statement describes the practices and policies we have put into place to safeguard your personal information that may be gathered and used as you visit our website. This notice describes how information about you may be used and	University of Salford is collecting information on this website as outlined in this privacy statement.	Automatic collection of information: If you do nothing during your visit but browse through the website or download information, our system will automatically gather and store certain information about your visit. This information does not identify you personally and is used in an aggregate way to help us improve our website and tell us the number of			Review of personal information Upon request we provide site visitors with access to: - Financial information (e.g., Credit card account information) that we maintain about them - Unique identifier information (e.g., Customer number or password) that we maintain about them - Communications that the consumer/visitor has directed to our site (e.g., E-mails, customer inquiries) - Contact information (e.g., Name, address, phone number) that we maintain about them - A description of information that we maintain about them 	Consumers can access and request correction to this information by: Sending us e-mail to that effect at: m.stephenson@salford.ac.uk 	Many websites now use cookies to provide useful features to their visitors by providing customizable and personalized services. A cookie is a small amount of data that is sent to your browser from a web server and stored on your computer's hard drive. For example, a website may use cookies to store and sometimes track information about you, your preferences, or the pages you last visited. Your	Some websites require you to provide some personal information through a registration process in order to take advantage of certain website features and to access content areas. For example, a registration form might request your name, telephone number and e-mail address. You might also be asked to voluntarily provide a list of topics that you are interested in so your website experience can be customised to your specific interests and needs. Access to some of the features on this website requires registration,and the disclosure of some personal information, which may include: Your	Interactive services and tools provide website users with a richer and more valuable experience. The tools can provide you with information that is customized according to your personal background and needs. Some interactive tools may request identifying personal information in order to function. It is important for you to know how your information will be used when it is requested, for what purposes it may also be used, and if it will be shared with any other party. This site does not use interactive tools that ask you for identifying personal information		Purchasing items or making donations over the Internet usually requires you to provide your personal identifying information and credit card information on a website. Many people have become accustomed to on-line commerce as a time-saving and useful convenience. There are a number of practices that can make providing your sensitive credit card information more secure and therefore make you feel more comfortable about doing so. At this time, we do not process credit card payments for donations, merchandise, or services on our website.	The data sent in international enquiries to the University for UG and PG programmes via webform will be held by Hobsons plc, on behalf of the University of Salford. Your data will be used for the purposes of dealing with your enquiry, and sending you relevant information about the University of Salford. Neither Hobsons plc nor the University of Salford will pass your details on to any third party. If you wish to remove yourself from the University of Salford's database please contact Hobsons plc, Challenger House, 42 Adler Street, London E1 1EE, or international-enquiries@salford.ac.uk.	Online advertising, such as banner ads, has become commonplace on many websites. Certain websites have developed relationships with third-party advertising servers to display these advertisements on their sites. By clicking on one of these banner ads, you will be taken to another site with different privacy policies. These third party ad servers may also use cookies to collect non-personal information on your preferences and interests via the advertisement you decide to view. At this time, we do not partner with or have special relationships with any advertising server companies.	Websites often provide a number of links that offer direct access to other useful or interesting websites holding potential value to site visitors. Inclusion of the other sites by links does not imply any endorsement of the material or information on the other sites.	From time to time, we may use customer information for new, unanticipated uses not previously disclosed in our privacy notice. If our information practices change at some time in the future, we have the following practices: We will use for these new purposes only data collected from the time of the statement change forward. 	You may prevent your information from being used for purposes other than those for which it was originally collected by: Sending us e-mail to that effect at: m.stephenson@salford.ac.uk 	Please contact us If you have questions about our privacy statement. University of Salford The Crescent Salford, Lancashire, M5 4WT Contact: Matthew Stephenson E-mail: m.stephenson@salford.ac.uk Telephone: +44 (0) 161 2953152

id	privacyinfo	information	collect	permission	informationcollect	personalinformation1	personalinformation2	cookies	registration	interactive	security	ecommerce	international	advertising	links	privacystatement	futureinformation	contact
	disclosed, and how you can get access to this information. Please review it carefully. The statement may change from time to time so please check back periodically. If you have any questions about our privacy policies, we encourage you to contact us using any of the methods outlined at the end of our Privacy Statement.		visitors to our site each day. The University uses features of Google Analytics based on Display Advertising (e.g. Remarketing, Google Display Network Impression Reporting, the Double Click Campaign Manager integration or Google Analytics Demographics and Interest Reporting). Using the Ads Settings,					Your browser software can be set to reject all cookies, or to ask you if you would like to accept or decline a cookie from a particular site before it is set. Most browsers offer instructions on how to reset the browser to reject cookies in the Help section of the toolbar. You should know, however, that if you reject a cookie, certain functions and conveniences of a site may not work properly. We use cookies	name	n.						Users are encouraged to review the privacy statement of each linked site before sharing personal information. This site includes links to non-affiliated external web sites. We have the following practices: We encourage users to revi			

id	privacyinfo	information	collect	permission	informationcollect	personalinformation1	personalinformation2	cookies	registration	interactive	security	ecommerce	international	advertising	links	privacystatement	futureinformation	contact
			visitors can opt out of Google Analytics for Display Advertising and customise Google Display Network ads. Please also refer to Google Analytics' currently available opt outs for the web. Our web server automatically collects and records the following information: 					on our website for the following purposes: - Store and sometimes track visitor preferences - Record session information, such as items that consumers add to their shopping cart - Customize web page content on visitors browser type or other information that the visitor sends - Analysis and evaluation of our advertising campaigns - We will								ew the privacy statement of each linked site, as we cannot be responsible for the privacy practices of other sites 		

id	privacyinfo	information	collect	permission	informationcollect	personalinformation1	personalinformation2	cookies	registration	interactive	security	ecommerce	international	advertising	links	privacystatement	futureinformation	contact
			The visitor's domain name, but not the e-mail address - The visitor's IP address - The name and release number of web browser software used - The operating system used - Date and time you access our site - The address of the website that linked to us (referrer URL) - Demo					never link the cookie to your personal information For certain advertising campaigns and general web traffic analysis, we will make use of 3rd party tracking solutions. Data collected by these 3rd parties on behalf of the University will not be used, either by us or the 3rd party, for any purposes other than those stated above.										

Database: msc, Table: privacypolicy, Purpose: Dumping data

id	privacyinfo	information	collect	permission	informationcollect	personalinformation1	personalinformation2	cookies	registration	interactive	security	ecommerce	international	advertising	links	privacystatement	futureinformation	contact
			graphic information (age, gender and overview of traffic by age and gender) - Overview of traffic by affinity, in-Market and other categories															

Database: msc, Table: robotics_automation, Purpose: Dumping data

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding	facilities
1	This course is for students who already have a strong engineering background and wish to specialise in robotics and automation. This course has a particular emphasis on advanced robotics, where robots are designed to operate with a degree of intelligence. You will gain a firm grounding in control engineering and intelligent systems concepts, along with the ability to comprehend	This module will develop a detailed and systematic understanding of current industrial control technology and practices. On completion of the module you will be able to apply current PLC, SCADA and DCS systems, and the ability to design and program a PLC and robot-based system.	This module aims to give you an understanding of a representative cross section of the science and technology necessary to use, design, develop and critically evaluate interactive visual (virtual reality) systems. This includes analysing novel virtual reality applications to formulate functional and non-functional specifications, undertaking the principles of real-time 3D computer graphics and their enaction using low level APIs and high level toolkits, and developing virtual reality solutions through the integration of standard components.	You will explore the role of artificial intelligence in control applications with practical experience of using techniques such as fuzzy logic, artificial neural networks, and evolutionary computing in engineering applications.	This module will teach you to critically review and analyse current autonomous intelligent robots, consolidate and extend knowledge in robotics applications and provide a practical understanding of robotic navigation and locomotion. You will also be taught the theory and practice of autonomous intelligent mobile robots and how these techniques and technologies impinge on research and industrial activities.	You will work under the direction of an academic supervisor to carry out an advanced research or development project related to robotics and/or automation. As part of this project you will be expected to: - Plan, manage and implement a project related to robotics and/or automation - Utilise appropriate sources of information to carry out and produce a literature review - Develop a framework for critical assessment and evaluation - Organise an MSc Dissertation. Many of our students work on projects in conjunction with aeronautical companies associated with the University.	Entry Requirements A 2:2 honours degree, or equivalent qualification, in engineering or science. Alford Alternative Entry Scheme (SAES) We welcome applications from students who may not have formal/traditional entry criteria but who have relevant experience or the abilit	<h2>Teaching</h2> You will be taught via a series of lectures and workshops with many of the modules taught via extensive hands-on practical lab-based sessions. Practical experience includes the use of robotics platforms to produce a software system using the MATLAB toolboxes or the C programming language or to produce a finished hardware/software based mobile robotics system. <h3>Assessment</h3> 70% coursework and 30% examination. <h3>Postgradu	Employability Graduates from this course can expect to find employment in a range of industries. Robotics and automation are continuously developing topics that present many career opportunities in areas such as robotic design, control systems integration and design, factory automation, engineering management and research. Alumni Profile Laurent Teyssie, Industrial Development Manager, Intertechnique (Zodiac Aerospace) "I conducted my final year MSc Dissertation project at the University of Salford on the use of industrial robots for electrical engine design for a company called Leroy Somer, part of the Emerson Group. Afterwards I was appointed by them as an	Fees 2015-16 <table class="table table-bordered table-striped mls"><tbody><tr><th width="60%">Type of Study</th><th width="40%">Fee</th></tr><tr><td>Full-time</td><td>Â£7,380</td></tr><tr><td>Full-time International</td><td>Â£13,500</td></tr></tbody></table> Additional costs You should also consider further costs which may include books, stationery, printing, binding and general subsistence on trips and visits. Scholarships and Bursaries We offer awards to help you study through our: - Vice-Chancellor's Excellence Scholarship - University of Salford student loyalty discount - Country bursary scheme for International students only There are also other sources of funding	Facilities There are dedicated labs and facilities for Robotics and Automation students, including: Industrial robots, flexi-picker, manipulators (Hitachi, KUKA) humanoid robots plus many mobile robots. Plus dedicated computing facilities And if you do your MSc Project with an aerospace company, as many of our students do, then you will also have access to their facilities.

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding	facilities
	and fully specify integrated automation systems embodying intelligence, robotic and automation hardware and software, and virtual reality (VR)/simulation technologies. The course also provides a suitable background for research in advanced autonomous systems with reference to robotics.						y to pursue the course successfully. The Accreditation of Prior Learning (APL) process could help you to make your work and life experience count. The APL process can be used for entry onto courses or to give you exemptions from parts of your course. Two forms of APL may be used	ate Staff Profile</h3> Dr Samia Nefti-Meziani is the Head of the computational Intelligence and Robotics Research Group. She is a leading expert internationally in artificial intelligence and cognitive robotics her research interests over the last 20 years are concerned with the development of cognitive models for information processing, decision support systems and robotics. She has published and edited extensively in this area, which have appeared in leading academic	Industrial Engineer to manage a project in TPM/ Lean Manufacturing for increasing the productivity using real-time process control. After this experience I was appointed by Intertechnique as an Industrial Manager and am currently responsible for the industrial development of equipment from the design phase to the production phase." Links with Industry Many of our students work on final year projects in conjunction with aeronautical companies associated with the University. Further Study Many of our students go on to further study at the Centre for Advanced Robotics which is very closely linked with this course.	available to you. For more information please see our funding section	

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding	facilities
							for entry: the Accreditation of Prior Certificated Learning (APCL) or the Accreditation of Prior Experiential Learning (APEL). English Language Requirements International students must provide evidence of a proficiency in English at IELTS 6.5 with no element below 5.5 or equivalent (International &	journals such as IEEE trans in Fuzzy systems, Expert systems with applications, Journal of operational Research Society, etc. She has also organised many international and national workshops in the above areas and led national and European (FP5, FP6) multidisciplinary research projects. She is a Chartered member of BCS (formerly known as British Computer Society) and active member of the European Network for the Advancement of Artificial Cognitive Systems and Co-Chair of IEEE UK and Ireland chapter			

Database: msc, Table: robotics_automation, Purpose: Dumping data

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding	facilities
							amp; UK/EU). Suitable For Suitable for students who already have a strong engineering background and wish to specialise in robotics and automation.	in Robotics and Automation.			

Database: msc, Table: staff, Purpose: Dumping data

id	photo	full_name	course	email	telephone
1	/adil.jpg	Adil Al-Yasiri	Agile Software Development, Software Projects with Agile Techniques, Network Programming and Simulation, Agile Software Project Management, Advanced Programming	A.Al-Yasiri@salford.ac.uk	0161 295 6399
2	/andrew.jpg	Andrew Young	Hardware, Networks, Operating systems, Linux	A.J.Young@salford.ac.uk	0161 295 5257
4	/farid.jpg	Farid Meziane	Research Methods, Formal development of Software Systems, Software Engineering, Object-Oriented Software Engineering, Data Structures, Declarative programming with prolog	F.Meziane@salford.ac.uk	0161 295 3699
6	/ian.png	Ian Drumm	Java, C#, C++, Web Applications/Services, Software Design	I.Drumm@salford.ac.uk	0161 295 4433
7	/lee.jpg	Lee Griffiths	Web Page Design HTML5 & CSS3, Windows Programming with C# .Net 4.0+ Windows 8 and XAML, HCI, 3D Games Programming.	L.Griffiths@salford.ac.uk	0161 295 3658
8	/mo.jpg	Mohamad Saraee	Advanced Databases and Oracle Cases, Business Intelligence, Web Semantic & Information Retrieval, Advanced E-Commerce	M.Saraee@salford.ac.uk	0161 295 7099
9	/norman.jpg	Norman Murray	3D Games Programming	N.Murray@salford.ac.uk	0161 295 4937
10	/rick.jpg	Rick Ogden	Advance Web Design, PHP, Linux	R.L.Ogden@salford.ac.uk	0161 295 5242
11	/rob.jpg	Rob Aspin	C/C++, Virtual Reality/Virtual Environments, 3D Computer Graphics	R.Aspin@salford.ac.uk	0161 295 2932

Database: msc, Table: structural_engineering, Purpose: Dumping data

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
1	This course is aimed at graduates with an honours degree or relevant professional experience who want to develop their understanding and skills as structural engineers. The course meets the requirements for Further Learning for a Charterred Engineer (CEng) for candidates who have already acquired an Accredited CEng (Partial) BEng (Hons) or an Accredited Eng	This module will consolidate and enhance the students current knowledge of analysis techniques specifically for use in structural design. The module will develop your understanding of structural mechanics and its application to real structural engineering problems. On completion of the module you should have an ability to select structural form, as dictated by a client brief, an understanding of the behaviour of structural elements, their framing and function and be able to apply current codes of practice. Courseworks will require the use of computer programming to aid the design process. The final examination requires the solution of an open ended design problem, modelled on the Institution of Structural Engineers Part 3 chartered membership examination, (with a view to providing the students	This module introduces finite element analysis as a tool for representing and analysing complex structural applications within the construction industry. You will review the stiffness method as a tool for computer analysis and also review the fundamentals of finite element analysis. Practical modelling methodologies will be addressed including assembling, solving and interpreting finite element models for a variety of structural applications.The effects of Seismic actions of various constructions are addressed, looking at various analysis hand and compute techniques, culminating in seismic design to Eurocode 8.	This module develops further the techniques required to design building structures specifically, ranging from the structural form and framing, foundations and cable structures. Construction using composite design, light gauge steel and prestressed concrete are also addressed. The module 'Introduction to Design with Computer Applications' is a prerequisite, and the 'Further Design' module is examined in a similar fashion.	This module will address aspects of bridge analysis and design through assessed group work and individual examination. An open ended approach is adopted with group design work progressing from concept to detailed design. Inspection and assessment of existing bridge structures is also addressed.	The Dissertation module provides you with the opportunity exercise what you have learned in a research (student driven) environment. This is carried out under the direction of an academic supervisor and may involve a range of high-level coordinated academic and practical work. The JBM require that the three core threads of Design, Health and Safety, and Sustainability are addressed throughout the programme, and these feature in all of the aforementioned modules. For full time mode, each module will require two days of contact per week, with an additional 3 days of self study. With 2 modules per semester this equates to a full week of study. The taught course completes in June, with the dissertation phase requiring 3 months up to the end of September. Part-Time mode comprises 1	Entry Requirements Applicants should have an appropriate honours degree such as civil engineering or structural engineering. Salford Alternative Entry Scheme (SAES) We welcome applications from students with alternative qualifications and/or significant relevant experi	Teaching The course is delivered via a combination of lectures, tutorials, design projects, computing sessions and laboratory demonstrations. You will be encouraged to attend meetings of the professional institutions, where relevant topics are being discussed. Where possible, pertinent site visits and guest lectures will be organised. Assessment Coursework 42%, Examination 47% and Dissertation 11%.	Employability Career Prospects Graduates of this course will be well equipped to meet the challenges of the modern structural engineering industry. They may occupy pivotal appointments in prestigious building schemes and the prospect of a challenging career to provide and protect the infrastructure that underpins society. Graduates might typically work as a structural engineer in a design office or for an engineering consultancy. Further Study Many of our graduates will go on to further study in our Engineering 2050 Research Centre. The Engineering Research Centre brings together a wealth of expertise and international reputation in three focussed subject	Fees 2015-16 <table class="table table-bordered table-striped mls"><tbody><tr><th width="60%">Type of Study</th><th width="40%">Fee</th></tr><tr><td>Full-time</td><td>£7,380</td></tr><tr><td>Part-time</td><td>£1,230 per 30 credit module</td></tr><tr><td>Full-time International</td><td>£13,500, part-time £6,750</td></tr></tbody></table> Additional costs You should also consider further costs which may include books, stationery, printing, binding and general subsistence on trips and visits. Scholarships and Bursaries We offer awards to help you study through our: - Vice-Chancellor's Excellence Scholarship - University of Salford student loyalty discount - Coun

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	(Full) BEng/ BSc (Hons) undergraduate first degree. See www.jbm.org.uk for further information.	with an experience of the pathway to becoming a professional engineer).				module per semester, thereby allowing day release for those in employment. In the first year the modules Introduction to Design in semester 1 and Further Design in semester 2 are studied, and in year 2, Seismic Engineering &FE in semester 1 and Bridge Engineering in semester 2 are studied. The Third year comprises the dissertation for which up to 1 year is allocated.	ence, subject to approval through a process of Accreditation of Prior Learning (APL). For further details, contact the School. English Language Requirements International students must provide evidence of a proficiency in English to a minimum IELTS 6.0 or equivalent (with no element below 5.5) or		areas. Research at the centre is well funded, with support from EPSRC, TSB, DoH, MoD, Royal Society, European Commission, as well as excellent links with and direct funding from industry. Our research excellence means that we have not only the highest calibre academics but also the first class facilities to support the leading edge research projects for both post-graduate studies and post-doctoral research. You will probably be part of our Civil Engineering Group in this Centre which carries out leading edge research in structural engineering, transportation engineering, geotechnical engineering and hydraulics.	try bursary scheme for International students only There are also other sources of funding available to you. For more information please see our funding section

id	course	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	entry	teaching	employability	feesandfunding
							above are proof of this. Suitable For Suitable for engineering graduates who want to specialise in structural engineering. You may be working in industry and want to formalise your training or you may be a recent graduate and wish to gain extra qualifications to help you stand out in			

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							the jobs market or enter your engineering career at a higher level.</p>			

Database: msc, Table: taughtdegrees, Purpose: Dumping data

id	info 1	info 2	info 3	info 4	info 5
1	A postgraduate taught course from Salford offers you the opportunity to specialise in a particular field and gain a qualification that can enhance your employment prospects and professional development.	Having a postgraduate degree enhances not only your knowledge but your salary as well! Postgraduates from Salford earn 50% more than our undergraduates with an average starting salary of £27,000. (DLHE 2013/14)	The majority of our courses include opportunities to take placements and participate in live projects with industry. These links hugely benefit your employability and are a key reason why Salford graduates are in great demand from business and industry. <div style="PADDING-	We realise that postgraduate study is an investment for you both in terms of time and cost. We offer fee discounts to students who achieve a 2:1 in their prior study, loyalty discounts to Salford graduates and country specific bursaries. Have a look at our full range of <a href="http://www.salford.ac.	We're confident you'll find the right course for you, where academic learning and specialist knowledge meet industry experience and practical skills. Our programmes are available in various modes of delivery including full-time, part-time and distance learning.

Database: msc, Table: taughtdegrees, Purpose: Dumping data

id	info 1	info 2	info 3	info 4	info 5
			BOTTOM: 5px; BACKGROUND: #007f88 0px 0px" class="findacourse"> Panagiotis Xenos <h3 style="MARGIN-TOP: -10px; COLOR: #ffffff; MARGIN-LEFT: 15px	uk/study/postgraduate/fees-and-funding/taught-course-fees-and-funding">scholarships and bursaries.</p>	

Database: msc, Table: taughtdegrees, Purpose: Dumping data

id	info 1	info 2	info 3	info 4	info 5
			; FONT-SIZE: 18 px">MSc in Telecommunications Networks My decision to study at Salford was largely down to the high degree of specialism		

Database: msc, Table: taughtdegrees, Purpose: Dumping data

id	info 1	info 2	info 3	info 4	info 5
			the course offered. Once I had completed my MSc, I applied for five different jobs in the UK and Greece and was offered jobs by all five companies." </p>		

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	entry	teaching	employability	feesandfunding
1	This course has been running for more than forty years and is recognised as providing a good grounding for students interested in the management, engineering and planning of transport infrastructure. It takes students from a wide range of relevant backgrounds. The emphasis of the course is on current methodology and practice to improve your employability with engineering	Course Details Transport engineering modules relate to traffic engineering and transport systems design. Transport planning modules consider policy (such as reducing car dependency), travel demand forecasting and appraisal. If you have a civil engineering background you can elect to take an optional module in transport infrastructure design as an alternative to the extended modelling and appraisal work. The course is supported by field surveys, seminars and studio work, allowing students to experience a range of relevant computer packages and methodological approaches. You are also required to produce a dissertation with the close supervision	The aims of this module are a) to present the principles and methods involved in planning coherently for all modes of transport; b) to demonstrate this through examination of case studies and computer models; c) to review the measures available to promote sustainable travel.	In this module you will design, construct and assess standard traffic surveys and apply statistical methods for analysing traffic data and interpreting results. You will also study issues underlying current practice in the basic design of transport infrastructure for a range of transport modes including cycles, motor vehicles, rail and mass transit systems.	This module will teach you to analyse problems and propose outline solutions relating to the management and control of traffic. Analytical studies apply both theoretical and practical models for capacity appraisal of links and junctions. A parallel programme of lectures has an emphasis on road safety, environmental and amenity objectives, incorporating practical safety investigations in the local road network.	You will study the theory and practice underpinning the key components central to classical travel demand forecasting and more recent approaches using microsimulation. You will also gain a systematic understanding and critical awareness of the current and innovative methods used to appraise and evaluate transport schemes, with specific reference to economic, environmental and safety issues.	Students with a civil engineering first degree may choose this module as an alternative to Transport Planning: Forecasting and Appraisal. This will allow more advanced studies in mainstream civil engineering in a transport context, including developing practical skills to undertake design and analysis of bridge structures (abutments, bearings, cables, beams, trusses and decks) and associated transport-related infrastructure with regard to structural form, materials and operational performance and to appraise the established methodologies.	The dissertation module is to give you the opportunity to demonstrate scholarship and intellectual ability at an advanced level, working under the guidance of an academic supervisor, by conducting original research and analysis in a specific area of the Transport Engineering and Planning syllabus.	Entry Requirements A minimum 2:2 honours degree in an appropriate discipline, or equivalent. A wide variety of first degrees are accepted, including engineering, science, geography and social science. For non-standard applicants, relevant work experience may be take	Teaching The course combines formal lectures and seminars with extensive coursework including transport planning studio work, traffic survey projects, appraisal assignments and statistics tutorials. The teaching panel includes visiting specialists with expert knowledge of specific topics. You will be exposed to a range of relevant transport software. Part-time students study the taught modules over two years on a day-release basis (currently Thursdays) <h3	Employability Career Prospects Graduates from this course work in local authorities, consultancies and transport utilities. Some graduates work on projects overseas. The postgraduate qualification is highly valued by employers. The MSc award is approved as further learning for those working towards Chartered Engineer status. The programme team has close contacts with local employers and the Professional Institutions. Alumni Profile Alex Vogt MSc Transport Engineering and Planning 2004. Graduate Transport Planner. "Starting work after university is a daunting prospect for many graduates. However, this course	Fees 2017-18 <table class="table table-bordered table-striped mls"> <tbody><tr> <th width="60%">Type of Study</th><th width="40%">Fee</th></tr> <tr><td>Full-time</td><td>£7,380</td></tr> <tr><td>Part-time</td><td>£1,230 per 30 credit module</td></tr> <tr><td>Full-time International</td><td>£13,500, part-time £6,750</td></tr> </tbody></table> Additional costs You should also consider further costs which may include books, stationery, printing, binding and general subsistence on trips and visits. Scholarships and Bursaries We offer awards to help you study through our: - Vice-Chancellor's Excellence Scholarship - University of Salford student loyalty discount - Coun

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	and planning departments of local and central governments, passenger transport executives, and transport consultants. This degree is accredited as meeting the requirements for Further Learning for a Chartered Engineer (CEng) for candidates who have already acquired an Accredited CEng (Partial) BEng(Hons) or an Accredited IEng (Full) BEng/BSc (Hons) undergraduate first d	of an expert academic member of staff.							n into account. Salford Alternative Entry Scheme (SAES) We welcome applications from students who may not have formal/traditional entry criteria but who have relevant experience or the ability to pursue the course successfully. The Accreditation of Prior Learning (APL) proc	>Assessment</h3> Assessment is by a combination of formal examinations, tutorial and seminar work, course assignment portfolio and a dissertation. The overall breakdown is: - Examination: 50% - Coursework: 50% <h3>Postgraduate Staff Profile</h3><h3>Ralph Henson</h3> BA MSc MIHT CEng Ralph Henson has been programme leader for this course since 1992. He graduated with a first class Honours degree	provides students with an introduction to the current transport policy and practice issues that are necessary to make a confident transition to the workplace. I strongly believe that the vocational element of this course is what makes it such a success." Daniel Bimpson MSc Transport Engineering and Planning 2010. Graduate Transport Planner. "One of the biggest strengths of the MSc is the strong links to the industry, along with such dedicated course leadership." Further Study Some of our students go on to study in our Civil Engineering Research Centre. Research in this Centre is focused into four main	try bursary scheme for International students only For more information please see our funding section There are also other sources of funding available to you. Bursaries are available for full time Home/EU applicants, such as Rees Jeffrey's Road Fund (worth £10,000) and The Brian Large Bursary Fund (worth around £5,500). For further details on how to apply, please contact the Programme Leader on s.yousif@salford.ac.uk and visit www.blbf.co.uk.

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	egree.								could help you to make your work and life experience count. The APL process can be used for entry onto courses or to give you exemptions from parts of your course. Two forms of APL may be used for entry: the Accreditation of Prior Certificated Learning (APCL) or the Accreditation of Prior Experiential	in Mathematics from the University of Warwick in 1974 and an MSc in Transport Engineering and Planning from the University of Salford in 1985. After brief spells with the Post Office and with Trafford Borough Council, he joined Merseyside County Council in 1977 and had responsibility for traffic surveys, accident investigations and analysis and special projects before leaving to join the University of Salford as a lecturer in Transport Engineering in 1985. Ralph is responsible for teaching	themes, aligned with the core elements of the civil engineering curriculum: Structural Engineering, Transport Engineering, Geotechnical Engineering and Hydraulics. Our aim is to provide leading edge sustainable research that is both fundamental and relevant in today's changing society and environment that is underpinned by strong links with academics from throughout Europe and with industrial partners, such as Network Rail, GMPTE, Atkins, Veolia and UIC. http://www.cse.salford.ac.uk/research/engineering-2050/civil-engineering/	

Database: msc, Table: transport, Purpose: Dumping data

id	course	coursedetails	coursedetails1	coursedetails2	coursedetails3	coursedetails4	coursedetails5	coursedetails6	entry	teaching	employability	feesandfunding
									rientiaI Learning (APEL). English Language Requirements International applicants will be required to show a proficiency in English. An IELTS score of 6.5 (no element below 6.0) is proof of this. Suitable For Graduates come from a wide variety of backgrounds inclu	all aspects of transport engineering and planning to postgraduates. He has published research on traffic safety and road accidents and sustainable transport networks and is currently supervising a study into residential trip rates in city centres. He was Chair of the North Western Branch of the Chartered Institution of Highways and Transportation during 2005/2006		

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									ding civil engineering, geography, economics, mathematics, physics, business studies and social studies wishing to specialise in the field of transport engineering and planning. Students will need a reasonable aptitude for mathematics/statistics.</p>			