



Loughborough University

Module Catalogue 2023/24

For incoming ERASMUS+ and international exchange students



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WELCOME

Welcome to Loughborough University!

We are delighted that you have chosen Loughborough for your study exchange. We strongly believe in the benefits of international education and hope that your experience at Loughborough is both enjoyable and rewarding.

This guide is intended to give you an overview of the application process for incoming exchange students and, more specifically, to provide information which will assist you with your learning agreement and module choice.

APPLICATIONS AND LEARNING AGREEMENTS

All incoming exchange students must complete an application form and learning agreement which can be downloaded from the website:

<https://www.lboro.ac.uk/study/overseas-exchange/incoming/applying/>

Completed application forms and learning agreements should be submitted to Loughborough University by the following deadlines:

- 15 June 2023 (for Semester One and Full Year exchanges);
- 15 November 2024 (for Semester Two exchanges).

In order to avoid any delay in processing your application, please ensure that it is signed off by yourself, your home University and your respective School/Department Exchange Co-ordinator at Loughborough University.

MODULE CHOICE

When you apply to Loughborough, you will be registered as an exchange student in a host School/Department. This is the School/Department with which your home University has either an ERASMUS+ exchange agreement or, in the case of students coming on an international University-wide exchange agreement, the School/Department that we have confirmed as being the best match for you.

It is our expectation that you will participate in full credit-bearing modules whilst at Loughborough (usually 30 ECTS credits per semester), but the requirements will vary according to your chosen subject area. When completing your learning agreement, it is, therefore, recommended that you contact YOUR respective School/Department Exchange Co-ordinator and follow his/her advice.

Exchange students should normally choose modules from the host School/Department, however registration on 'open access' modules provided by other Schools/Departments may be permitted in exceptional circumstances. If you would like to take a module that is not taught by your host School/Department, you must gain approval from BOTH your host School/Department Exchange Co-ordinator AND the Exchange Co-ordinator from the School/Department in which the module is taught.

Please bear in mind that, whilst we always try to accommodate the requests of our exchange students, places are limited and may be subject to you meeting certain pre-requisites in your chosen subject area. Additionally, as learning agreements are subject to the approval of your respective School/Department Exchange Co-ordinator, we cannot guarantee that you will be offered a place on your chosen modules.

TIMETABLE CLASHES AND CHANGES TO YOUR LEARNING AGREEMENT

Loughborough University uses the following structure for its module coding:

Example: **23BSA053 – Organisations in the International Context**

23 Academic year in which the course will run

BS Two letter code of the School/Department that runs the module

A The part (or year) of the degree programme in which the module runs:

Part A modules:	1 st year
Part B modules:	2 nd year
Part C modules:	3 rd year
Part D modules:	4 th year

053 Three number individual module code

A postgraduate programme at Loughborough is known as Part T, but the modules are identified by a 'P', for example **23BSP029 - Marketing in the Organisation**.

Please be aware that if you choose modules from across a range of years (e.g. some part A and some part B modules), there is an increased chance that timetable clashes will occur, and you will not be able to take all the modules requested in your initial learning agreement.

At Loughborough, the timetable is released near to the start of the semester, therefore it is possible that we shall not be able to confirm if there is a 'fit' for all the modules you have chosen until the first week of your studies. We do, however, allow all students a period of two weeks after the start of the semester, in which to finalise their module choices BEFORE the final details are confirmed with the Student Records Office.

We recommend that you have a few extra module choices in mind, so that if your first choice modules are not available due to timetable clashes, you can opt to take others.

If you are required to change your module choices due to timetable clashes, you will need to make the appropriate changes on your learning agreement and seek the approval of your home University and the respective School/Department Exchange Co-ordinator at Loughborough.

SENSITIVE CONTENT

Modules marked with the following symbol - † - are classed as having Sensitive Content. This refers to any content that a student may find to be difficult, sensitive or challenging to think about. Loughborough University is committed to providing an environment in which students can study effectively and safely. It is also committed to freedom of speech and academic freedom. If you are interested in a module with the † symbol but would like further information, you can contact the respective School/Department Exchange Co-ordinator for further advice.

The scope of topics that are potentially sensitive will vary according to the nature of the subject and the students taking that subject.

More information can be found here under the [Academic Quality Procedures Handbook](#).

AERONAUTICAL AND AUTOMOTIVE ENGINEERING

<p>GENERAL GUIDANCE FOR MODULE CHOICE</p> <p><i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i></p>	
<p>School/Department Exchange Co-ordinator:</p>	<p>Name: Dr Gang Zhou Email: G.Zhou@lboro.ac.uk Telephone: +44 (0)1509 227210</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). <i>Students are advised not to exceed this recommendation.</i></p>
<p>Aeronautical and Automotive Engineering general requirements:</p>	<p>Restrictions may apply based on your previous level of experience in any given subject area. The Exchange Co-ordinator will discuss the suitability of your module choices with you in more detail, if required.</p> <p>Exchange students can select from Part C and Part D modules or can consider a final-year project.</p> <p>Research projects: Undergraduate and postgraduate (taught) students who wish to undertake a research project during their time at Loughborough can only do so by registering for an approved research project module. This must be discussed with the Exchange Co-ordinator for the Department in advance to see if there is any availability.</p>
<p>Can I choose modules from other Schools/Departments?</p>	<p>No, please choose all your modules from within Aeronautical and Automotive Engineering.</p>
<p>Full details on the content and assessment methods for all modules can be found in the University's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main.</p>	

ARCHITECTURE, BUILDING AND CIVIL ENGINEERING

GENERAL GUIDANCE FOR MODULE CHOICE	
<p><i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i></p>	
<p>School/Department Exchange Co-ordinator:</p>	<p>Name: Professor M Sohail Khan Email: M.Sohail@lboro.ac.uk Telephone: +44 (0)1509 222890</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). <i>Students are advised not to exceed this recommendation.</i></p>
<p>Architecture, Building and Civil Engineering general requirements:</p>	<p>Restrictions to module choices may apply: many modules are taught year-long and not just one semester. Most Part B modules are taught year-long. In Part C, there is a mixture of modules taught year-long or single-semester, and many will require students to have studied pre-requisites. Part D and Part P modules are typically taught single-semester.</p> <p>After you have chosen your modules, you must contact the Exchange Co-ordinator so that he/she can check your selection and discuss their suitability. Modules listed in your initial learning agreement will not be approved without first contacting the Exchange Co-ordinator.</p> <p>Research projects: Undergraduate and postgraduate (taught) students, who wish to undertake a research project, can take 23CVC002 - European Short Research Project.</p>
<p>Can I choose modules from other Schools/Departments?</p>	<p>No, you must take all your modules in Architecture, Building and Civil Engineering.</p>
<p>Full details on the content and assessment methods for all modules can be found in the University's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main.</p>	

BUSINESS AND ECONOMICS

<p>GENERAL GUIDANCE FOR MODULE CHOICE</p> <p><i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i></p>	
<p>School/Department Exchange Co-ordinator:</p>	<p>Name: Dr Petros Vourvachis Email: SBE.International@lboro.ac.uk Telephone: +44 (0)1509 228807</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). Students are advised not to exceed this recommendation.</p>
<p>Business and Economics general requirements:</p>	<p>Restrictions to module choices may apply, as most modules have pre-requisites. The Exchange Co-ordinator will discuss the suitability of your module choices with you in more detail if required.</p> <p>Research projects: Undergraduate and postgraduate (taught) students who wish to undertake a research project during their time at Loughborough can only do so by registering for an approved research project module. If such a module is available to you, it will be listed in the table below.</p>
<p>Can I choose modules from other Schools/Departments?</p>	<p>No, you must choose all your modules from within Business and Economics. However, it may be possible for you to take a language module (worth 5 ECTS credits) in the School of Social Sciences. See http://www.lboro.ac.uk/departments/languages/modules/.</p> <p>Module(s) offered by another School/Department must be approved and signed off by the respective Exchange Co-ordinator BEFORE you return your final learning agreement to Business and Economics.</p>

<p>Exchange Student Module Options 2023/24:</p> <p>We expect the following modules to be available for incoming exchange students in 2023/24. Please include a selection of the modules listed in this table on your learning agreement.</p> <p>Please bear in mind that, whilst we always try to accommodate the requests of our exchange students, places on the modules listed below may be limited and may be subject to you meeting certain prerequisites in your chosen subject area. As such, we cannot guarantee that you will be offered a place on the modules you choose, and choices are always subject to approval by your Exchange Co-ordinator. Any queries regarding module choice should be directed to him/her in the first instance.</p> <p>Incoming exchange students registered in other Schools/Departments may be permitted to choose some 'open access' modules in Business and Economics, but the approval of your respective Exchange Co-ordinator will be required. For further details on the 'open access' modules, please contact the Exchange Co-ordinator for Business and Economics.</p>
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List of modules available to Undergraduate Exchange and Visiting students

Modules ending with 'A' are first year modules; 'B' second year and 'C' third year

SEMESTER 1 - BUSINESS MODULES			
Module Code	Module Title	Not available with	ECTS credits
23BSA005	Organisational Behaviour	BSA505, BSA530	5
23BSA008	Skills for Study and Employment		5
23BSA010	Business in the Digital Age		5
23BSA020	Microeconomics for Financial Studies	BSA060	5
23BSA025	Introduction to Law	BSA026	5
23BSA055	Principles of Marketing	BSB030	5
23BSA070	Financial Reporting	BSA013, BSA525	5
23BSB006	Ethics in Finance and Accounting		5
23BSB007	Financial Reporting		5
23BSB010	Business Information Management		5
23BSB013	Knowledge Data and Information Systems		5
23BSB030	Marketing	BSA055, BSB520, BSB560	5
23BSB035	Sales Management		5
23BSB040	Human Resource Management	BSA506, BSB510	5
23BSB046	Organisation Studies		5
23BSB050	International Business		5
23BSB065	Economics for Business II		5
23BSB070	Accounting for Management Decisions	BSB005, BSB532	5
23BSB105	Global Brand Management		5
23BSB120	Management Science Methods	BSB572	5
23BSC005	Financial Reporting: Theory and Practice		5
23BSC006	Financial Trading		10
23BSC007	Management Accounting and Control Systems		5
23BSC015	Corporate Finance		5
23BSC017	Financial Risk Management		5
23BSC030	Corporate Governance		5
23BSC051	International Corporate Governance and Firms		5
23BSC063	Decision and Efficiency Analysis		5
23BSC070	Technology in Business and Society	BSC520	5
23BSC071	Managing Big Data		5
23BSC100	Advanced Interpersonal Skills	BSC575	5
23BSC105	International Human Resource Management		5
23BSC110	Marketing Strategy and Planning		5
23BSC115	International Marketing		5
23BSC127	Information and Knowledge Management	BSC097	5
23BSC132	Small Business Issues		5
23BSC165	Business Forecasting		5
23BSC190	Web Analytics		5

SEMESTER 1 - ECONOMICS MODULES

Economics modules ending with 'C' are restricted to students that can provide evidence of a strong Economics academic background

Module Code	Module Title	Not available with	ECTS credits
23ECB136	Transport Economics		10
23ECC001	Developments in Microeconomics		10
23ECC003	International Money & Finance		10
23ECC004	Financial Economics and Asset Pricing		10
23ECC019	Transport Economics	ECB136	10
23ECC020	Behavioural Economics		10
23ECC031	International Trade		10
23ECC101	Developments in Macroeconomics		10
23ECC139	Environmental Economics		10

SEMESTER 1 – LANGUAGE MODULES

Module Code	Module Title	Additional information	ECTS credits
23LAN100	French	Beginner to advanced levels available	5
23LAN200	German	Beginner to advanced levels available	5
23LAN300	Spanish	Beginner to advanced levels available	5
23LAN400	Mandarin Chinese	Beginner to advanced levels available	5

YEAR-LONG - BUSINESS MODULES (taught over both semesters)

Module Code	Module Title	Not available with	ECTS credits
23BSA012	Financial Accounting Fundamentals		10
23BSA051	Management Perspectives and Organisational Behaviour		10
23BSA081	Quantitative Business Skills A		10
23BSA082	Quantitative Business Skills B		10
23BSB005	Management Accounting	BSB070, BSB532	10

YEAR-LONG - ECONOMICS MODULES (taught over both semesters)

Economics modules ending with 'C' are restricted to students that can provide evidence of a strong Economics academic background

Module Code	Module Title	Not available with	ECTS credits
23ECA001	Principles of Macroeconomics		10
23ECA002	Principles of Microeconomics		10
23ECA003	Data Analysis		10
23ECA004	Quantitative Economics		10
23ECB001	Intermediate Macroeconomics		10
23ECB002	Intermediate Microeconomics		10
23ECB003	Introduction to Econometrics	BSB110	10
23ECB004	Introduction to Financial Economics		10
23ECB005	International Economic Relations		10
23ECB015	Economics of the Financial System		10

23ECB016	History of Economic Thought		10
23ECC012	Financial Economics	ECB004	10
23ECC013	International Economic Relations	ECB005	10
23ECC014	Economics of the Financial System		10
23ECC038	Applied Econometrics		10

SEMESTER 2 - BUSINESS MODULES			
Module Code	Module Title	Not available with	ECTS credits
23BSA016	Principles of Finance		5
23BSA022	Macroeconomics for Financial Studies	BSB023, BSA510	5
23BSA026	Principles of Law	BSA025	5
23BSA053	Organisations in the International Context	21BSB590	5
23BSA057	The Marketing Mix	BSB030	5
23BSA065	Economics for Business I	BSA020	5
23BSA075	Introduction to Retail Management		5
23BSB009	Corporate Finance		5
23BSB012	Information Systems Development		5
23BSB014	Programming for Business Analytics		5
23BSB015	Company Law		5
23BSB027	Financial Markets and Derivatives Fundamentals		5
23BSB028	Performance Appraisal and Stock Valuations		5
23BSB029	Auditing		5
23BSB051	Contemporary Issues in Entrepreneurship		5
23BSB052	International Management		5
23BSB087	Vocational Psychology		5
23BSB100	Operations Management	BSB125, BSB580	5
23BSB110	Data Analysis for Management	ECB003	5
23BSB125	Retail and Service Operations	BSB100	5
23BSB126	Marketing Research		10
23BSB127	Digital Marketing		5
23BSB130	Business Programming	BSC130	5
23BSB135	Consumer Behaviour		5
23BSB150	Business Ethics and Corporate Social Responsibility		5
23BSC009	Strategic Management Accounting and Performance		5
23BSC014	Portfolio Management		10
23BSC018	Behavioural Finance		5
23BSC019	Multinational Financial Management		5
23BSC021	Issues in Financial Reporting		10
23BSC024	International Economics		5
23BSC053	International Negotiations		5
23BSC055	Global Strategic Management	BSC044, BSC565, BSC570	10
23BSC059	Entrepreneurship in Postconflict Spaces		5
23BSC064	Business Optimisation		5
23BSC067	Simulation for Decision Support		5
23BSC072	Strategic Information Management		5
23BSC080	Analysing Careers		5
23BSC085	The Changing Work Organisation		5

23BSC117	Services Marketing		5
23BSC124	Marketing Communications		5
23BSC130	Business Programming	BSB130	5
23BSC134	Business Planning for New Ventures	BSC524	5
23BSC136	Enterprise Resource Planning		5
23BSC170	Retailing Strategy	BSC044, BSC055, BSC565, BSC570	10
23BSC171	Contemporary Issues in Retailing Channels		5
23BSC194	Project Management		5

SEMESTER 2 - ECONOMICS MODULES

Economics modules ending with 'C' are restricted to students that can provide evidence of a strong Economics academic background

Module Code	Module Title	Not available with	ECTS credits
23ECB030	Energy Economics		10
23ECB035	The Economics of Social Issues	ECC017	10
23ECB039	Economics of Business Strategy		10
23ECC005	Industrial Economics		10
23ECC017	The Economics of Social Issues	ECB035	10
23ECC035	Central Banking and Financial Crises		10
23ECC119	Development Economics		10
23ECC141	Corporate Finance and Derivatives		10
23ECC142	Research and Communication Skills for Economists	-	10

SEMESTER 2 – LANGUAGE MODULES

Module Code	Module Title	Additional information	ECTS credits
23LAN100	French	Beginner to advanced levels available	5
23LAN200	German	Beginner to advanced levels available	5
23LAN300	Spanish	Beginner to advanced levels available	5
23LAN400	Mandarin Chinese	Beginner to advanced levels available	5

For information on module content **please see:**

Business modules: <https://lucas.lboro.ac.uk/epublic/wp5016.main?dept=BS&dept2=BS>

Economics modules: <http://lucas.lboro.ac.uk/epublic/wp5016.main?dept=EC&dept2=EC>

Information Management: <https://lucas.lboro.ac.uk/epublic/wp5016.main?dept=IS&dept2=IS>

Language modules: <http://www.lboro.ac.uk/departments/phir/languages/>

All modules are subject to pre-requisites, timetabling and capacity

List of modules available to Postgraduate Exchange and Visiting Students

SEMESTER 1			
Module Code	Module Title	Not available with	ECTS credits
23BSP020	Human Resource Management		7.5
23BSP021	Accounting and Financial Management		7.5
23BSP023	Operations Management		7.5
23BSP029	Marketing in the Organisation		7.5
23BSP032	International and Cross Cultural Management		7.5
23BSP033	International Business Environment		7.5
23BSP038	Global Outsourcing and Offshoring of Services		7.5
23BSP050	Corporate Finance Fundamentals		7.5
23BSP054	Accounting and Performance Measurement		7.5
23BSP061	Innovation and Entrepreneurship		7.5
23BSP065	Market Research Methods		7.5

SEMESTER 2			
Module Code	Module Title	Not available with	ECTS credits
23BSP024	Business Economics		7.5
23BSP025	Business Environment Analysis		7.5
23BSP026	Information Systems and Management		7.5
23BSP030	Personal Development for Employability		7.5
23BSP036	Working in International Teams		7.5
23BSP040	International Marketing		7.5
23BSP041	Small Business & Entrepreneurship		7.5
23BSP043	Business Forecasting		7.5
23BSP044	Services Management		7.5
23BSP045	Work Psychology		7.5
23BSP046	Enterprise Resource Planning		7.5
23BSP047	Global Logistics and Supply Chain Management		7.5
23BSP052	Financial Theory and Corporate Policy		7.5
23BSP060	International Financial Management		7.5
23BSP062	Brand Management		7.5
23BSP064	Digital Marketing and Social Media		7.5
23BSP066	Making Marketing Work		7.5
23BSP068	Marketing Communications		7.5
23BSP070	International Business Negotiations		7.5

23BSP071	Global Social Entrepreneurship and CSR		7.5
23BSP072	International Entrepreneurship and Migration		7.5
23BSP074	Fintech and Global Markets		7.5
23BSP437	Performance Appraisal and Stock Valuations		7.5

For information on module content **please see:**

Business modules: <https://lucas.lboro.ac.uk/epublic/wp5016.main?dept=BS&dept2=BS>

Economics modules: <http://lucas.lboro.ac.uk/epublic/wp5016.main?dept=EC&dept2=EC>

Information Management: <https://lucas.lboro.ac.uk/epublic/wp5016.main?dept=IS&dept2=IS>

Language modules: <http://www.lboro.ac.uk/departments/phir/languages/>

All modules are subject to pre-requisites, timetabling and capacity.

There may be other Postgraduate modules available to students, depending on previous academic study and the Master's programme of study at the home university. Please discuss this with the SBE International Relations Office.

CHEMICAL ENGINEERING

<p>GENERAL GUIDANCE FOR MODULE CHOICE</p> <p><i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i></p>	
<p>School/Department Exchange Co-ordinator:</p>	<p>Name: Dr Marijana Dragosavac Email: m.dragosavac@lboro.ac.uk Telephone: +44 (0)1509 222505</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). Students are advised not to exceed this recommendation.</p>
<p>Chemical Engineering general requirements:</p>	<p>Exchange students can select from Part B, C and D modules. Restrictions to module choices may apply due to timetabling restrictions and modules that have pre-requisites. The Exchange Co-ordinator will discuss the suitability of your module choices with you in more detail if required.</p> <p>Research projects: Undergraduate and postgraduate (taught) students who wish to undertake a research project during their time at Loughborough can only do so by registering to the research project module for incoming international students CGD064.</p>
<p>Can I choose modules from other Schools/Departments?</p>	<p>It is recommended that you choose modules from within Chemical Engineering.</p> <p>Module(s) offered by another School/Department may be available but MUST be approved by the member of staff responsible for the specific module, be approved and signed off by the respective Exchange Co-ordinator BEFORE you return your final learning agreement to Chemical Engineering.</p>
<p>Full details on the content and assessment methods for all modules can be found in the University's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main.</p>	
<p>Exchange Student Module Options 2023/24:</p> <p>We expect the following modules to be available for incoming exchange students in 2023/24. Please include a selection of the modules listed in this table on your learning agreement.</p> <p>Please bear in mind that, whilst we always try to accommodate the requests of our exchange students, places on the modules listed below may be limited and may be subject to you meeting certain prerequisites for a particular module that you have selected. As such, we cannot guarantee that you will be registered on the modules you choose, and choices are always subject to approval by your Exchange Co-ordinator. Any queries regarding module choice should be directed to him/her in the first instance.</p> <p>Please be aware that if you choose modules from across a range of years, there is an increased chance that timetable clashes will occur, and you will not be able to take all the</p>	

modules requested in your initial learning agreement. Modules marked with an asterix - * - also have an increased chance of timetable clashes.

UNDERGRADUATE MODULES					
Semester 1			Semester 2		
Module Code	Module Title	ECTS Credits	Module Code	Module Title	ECTS Credits
PART B					
23CGB013	Thermodynamics II	5	23CGB017	Reaction Engineering I	5
23CGB014	Instrumentation and Control	5	23CGB018	Plant Engineering	5
23CGB022	Fluid Mechanics II	5	23CGB019	Particle Technology	5
			23CGB020	Process Systems Engineering	5
			23CGB021	Food Engineering	5
PART C					
23CGC051	Transfer Processes	5	23GCC047	Chemical Process Control	5
23CGC052	Reaction Engineering II	5			
23CGC053	Process Economics and Project Management	5			
*23CGC059	Data Analysis	5			
*23CGC824	Biochemical Engineering	5			
23CGC842	Environmental Protection and Pollution Control	5			
*23CGC032	Circular Economy	5			
PART D (MEng)					
*23CGP060	Mixing of Fluids and Particles	7.5	23CGP006	Advanced Process Design and Optimisation	7.5
*23CGP083	Process Intensification and Integration	7.5	*23CGP010	Colloid Science and Engineering	7.5
*23CGP077	Drug Delivery and Targeting	7.5	*23CGP059	Product Design	7.5
*23CGP086	Fundamentals of Biotechnology and Genetic Engineering	7.5	*23CGP062	Downstream Processing	7.5
23CGD064	Research Project (incoming exchange)		*23CGP069	Advanced Biochemical Engineering	7.5
			*23CGP070	Clean Energy, Materials and Sustainability	7.5
			*23CGP084	Technological Entrepreneurship	7.5
			23CGD064	Research Project (incoming exchange)	

Year-Long Modules (i.e. taught over both semesters)		
Module Code	Module Title	ECTS Credits
PART B		
23CGB001	Process Design and Safety	10
23CGB012	Mass Transfer and Separations	10

POSTGRADUATE MODULES					
Semester 1			Semester 2		
Module Code	Module Title	ECTS Credits	Module Code	Module Title	ECTS Credits
*23CGP060	Mixing of Fluids and Particles	7.5	23CGP006	Advanced Process Design and Optimisation	7.5

*23CGP083	Process Intensification and Integration	7.5	*23CGP010	Colloid Science and Engineering	7.5
*23CGP075	Modelling of Chemical Engineering Systems	7.5	*23CGP062	Downstream Processing	7.5
*23CGP077	Drug Delivery and Targeting	7.5	*23CGP069	Advanced Biochemical Engineering	7.5
			*23CGP070	Clean Energy, Materials and Sustainability	7.5

CHEMISTRY

<p>GENERAL GUIDANCE FOR MODULE CHOICE</p> <p><i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i></p>	
<p>School/Department Exchange Co-ordinator:</p>	<p>Name: Dr Ian McPherson Email: I.McPherson@lboro.ac.uk Telephone: +44 (0)1509 225831</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). Students are advised not to exceed this recommendation.</p>
<p>Chemistry general requirements:</p>	<p>Restrictions may apply, based on your previous level of experience in any given subject area. The Exchange Co-ordinator will discuss the suitability of your module choices with you in more detail if required.</p> <p>All module options from the first year (Part A) and the following modules from the third year (Part C) are NOT available to exchange students:</p> <p>23CMC017 – English Language 1 23CMC018 – English Language 2 23CMC019 – Experimental Skills for Academic Study 23CMC020 – Communication and Academic Study Skills</p> <p>Students should only take undergraduate modules from Part B or Part C and D or postgraduate modules (Part T) – you must not take a combination. (Please note if you are choosing postgraduate modules, you can only choose one option from 23CMP064 - Innovations in Analytical Science and 23CMP066 - Innovations in Medicinal Chemistry)</p> <p>Research projects: It is recommended that you do NOT choose 23CMD001 - Research Project, as this module runs across Semesters One and Two and is worth 60 ECTS credits.</p>
<p>Can I choose modules from other Schools/Departments?</p>	<p>No, you must choose all your modules from within Chemistry.</p>
<p>Full details on the content and assessment methods for all modules can be found in the University's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main.</p>	

- a) COMMUNICATION and MEDIA
 b) CRIMINOLOGY, SOCIOLOGY and SOCIAL POLICY

GENERAL GUIDANCE FOR MODULE CHOICE <i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i>	
School/Department Exchange Co-ordinator	<p>A) Communication and Media Name: Professor James Stanyer Email: SSHexchanges@lboro.ac.uk Telephone: +44 (0)1509 228875</p> <p>B) Criminology, Sociology and Social Policy Name: Dr Laura Valadez – Martinez Email: SSHexchanges@lboro.ac.uk Telephone: +44 (0)1509 228357</p>
Loughborough University general requirements:	Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). <i>Students are advised not to exceed this recommendation.</i>
Communication, Media, Social and Policy Studies general requirements:	Postgraduate modules are only suitable for students who have already completed three years or more of degree level study in any given subject area. The Exchange Co-ordinator will discuss and advise students on the suitability of studying a postgraduate module.
Can I choose modules from other Schools/Departments?	Yes, you can take up to 10 ECTS credits per semester in another School/Department. However, module(s) offered by another School/Department must be approved and signed off by the relevant Exchange Co-ordinator BEFORE you return your final learning agreement to Communication, Media Studies, Social and Policy Studies.
Full details on the content and assessment methods for all modules can be found in the University's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main .	

Exchange Student Module Options 2023/24:

We expect the following modules to be available for incoming exchange students in 2023/24. Please include a selection of the modules listed in this table on your learning agreement.

Please bear in mind that, whilst we always try to accommodate the requests of our exchange students, places on the modules listed below may be limited and may be subject to your meeting certain prerequisites for a particular module that you have selected. As such, we cannot guarantee that you will be registered on the modules you choose, and choices are always subject to approval by your Exchange Co-ordinator. Any queries regarding module choice should be directed to them in the first instance.

SEMESTER ONE - UNDERGRADUATE MODULES		
Module Code	Module Title	ECTS Credits
Second Year Modules		
23CXB128	Political Psychology	5
23CXB166	Social Psychology and Communication	10
23CXB360	The Media in Global Context	5
23CXB366	Promotional Culture	5
† 23SSB216	Women and Crime: Victims, Offenders and Survivors	5
Third Year Modules		
† 23SSC138	Forensic Psychology	10
† 23CXC318	Television and Society	10
23SSC024	Gender, Sex and Society	10
23SSC238	Youth Justice	10

SEMESTER TWO - UNDERGRADUATE MODULES		
Module Code	Module Title	ECTS Credits
Second Year Modules		
23CXB163	Social Interaction	10
23CXB175	Psychological Disorders in Society	5
23CXB234	Media, Culture and Crime	5
23CXB317	Screen Cultures	5
23SSB021	Inequalities Across the Life Course	5
† 23SSB025	Intoxication and Society	5
23SSB026	Globalisation and its Consequences	5
23SSB036	Digital Lives and Society	5
Third Year Modules		
23CXC357	Producing the News	10
23CXC317	Documenting the World	10
23SSC020	Race and Racism in Modern Society	10
† 23SSC022	Health, the Body and Culture	10
23SSC203	Understanding Policing	5
23SSC212	Poverty, Pay and Living Standards	10
† 23SSC213	Violence and Violent Crime	10

SEMESTER ONE – POSTGRADUATE MODULES		
Module Code	Module Title	ECTS Credits
† 23CXP301	Understanding Modern Media	7.5
23CXP302	Media and Cultural Industries: Culture Economy and Policy	7.5
23CXP304	Strategic Communication	7.5
23CXP306	Social Media and Political Communications	7.5
23CXP323	Marketing Politics	7.5
23CXP318	Digital Economies	7.5
23CXP503	Researching Communication 1: Media Users and Cultural Institutions	7.5

SEMESTER TWO – POSTGRADUATE MODULES		
Module Code	Module Title	ECTS Credits
23CXP307	Data, Power and Democracy (pre req CXP306)	7.5
† 23CXP316	Media and Cultural Work: Inequality and Discrimination in the Creative Industries	7.5
23CXP317	Researching and Communication 2: Texts and Digital Platforms	7.5
23CXP309	Strategic Information	7.5
23CXP303	Politics of Representation	7.5
23CXP319	Digital Cultures	7.5

COMPUTER SCIENCE

<p>GENERAL GUIDANCE FOR MODULE CHOICE</p> <p><i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i></p>	
<p>School/Department Exchange Co-ordinator:</p>	<p>Name: Dr Lars Nagel Email: L.Nagel@lboro.ac.uk Telephone: +44 (0)1509 222328</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). Students are advised not to exceed this recommendation.</p>
<p>Computer Science general requirements:</p>	<p>Restrictions apply based on your previous level of experience in any given subject area. See below for detail, and please contact the Exchange Co-ordinator to discuss the suitability of your module choices.</p> <p>Please note that the Department of Computer Science can only accept applications from students on university-wide international exchange programmes.</p>
<p>Can I choose modules from other Schools/Departments?</p>	<p>It might be possible for you to take a minority of your modules in another School/Department, but you will need to discuss it in advance with the Exchange Co-ordinator.</p> <p>Module(s) offered by another School/Department must be signed off by the respective Exchange Co-ordinator BEFORE you return your final learning agreement to Computer Science.</p>

<p>Exchange Student Module Options 2023/24:</p> <p>It is expected that the modules listed in the table overleaf will be available to incoming exchange students in 2023/24. Please include a selection of the modules listed in this table on your learning agreement. Note that you can choose neither final year projects (dissertations), nor modules that are taught within postgraduate programmes.</p> <p>Please bear in mind that, whilst we always try to accommodate the requests of our exchange students, places on the modules listed below may be limited and may be subject to you meeting certain prerequisites in your chosen subject area. As such, we cannot guarantee that you will be offered a place on the modules you choose, and choices are always subject to approval by the Exchange Co-ordinator.</p> <p>The modules have strict pre-requisites that are detailed in the university's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main. Your application needs to clearly evidence that you hold the required prior knowledge. Please discuss this with the Exchange Co-ordinator prior to submitting the learning agreement.</p>

Semester One		
Module Code	Module Name	ECTS Credits
First Year Modules		
*23COA107	Logic for Computer Science	5
*23COA108	Functional Programming	5
23COA111	Software Engineering 1	5
23COA122	Introduction to Programming	5
23COA124	Computer Systems	5
Second Year Modules		
23COB106	Formal Languages and Theory of Computation	5
23COB120	Computer Graphics	5
23COB122	Software Engineering 2	5
23COB231	Operating Systems, Networks and the Internet 1	5
Third Year Modules		
23COC100	Enterprise Resource Planning Systems	5
23COC101	Agent-Based Systems	5
23COC102	Advanced Artificial Intelligence Systems	5
23COC104	Algorithm Analysis	5
23COC105	Cloud Computing	5
23COC118	Human-Computer Interaction	5
23COC190	Advanced Networking	5
23COC196	Distributed Systems	5

Semester Two		
Module Code	Module Name	ECTS Credits
First Year Modules		
*23COA105	Introduction to Algorithms	5
23COA123	Web Programming	10
23COA201	Databases	5
23COA202	Embedded Systems Programming	5
23COA256	Object Oriented Programming	5
Second Year Modules		
23COB150	Formal Methods	5
23COB155	Mobile Application Development	5
23COB201	Professional Issues in Computing	5
23COB232	Operating Systems, Networks and the Internet 2	5
23COB295	Team Project	5
Third Year Modules		
23COC001	Robotics	5
23COC131	Data Mining and Machine Learning	5
23COC140	Cryptography and Network Security	5
23COC202	Computer Vision	5
23COC213	Cyber Security	5
23COC220	Computer Animation	5

Semester One and Two		
Module Code	Module Name	ECTS Credits
Second Year Modules		
23COB107	AI Methods	10
23COB290	Team Projects	10

* Additional pre-requisite: qualification that is equivalent to an A level in Mathematics (grade B or higher)

CREATIVE ARTS

<p>GENERAL GUIDANCE FOR MODULE CHOICE <i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i></p>	
<p>School/Department Exchange Co-ordinator:</p>	<p>Title and Name: Professor Andrew Morris Email: A.P.Morris@lboro.ac.uk Telephone: +44 (0)1509 226981</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). Students are advised not to exceed this recommendation.</p>
<p>Creative Arts general requirements:</p>	<p>Restrictions may apply, based on your previous level of experience in any given subject area. The Exchange Co-ordinator will discuss the suitability of your module choices with you in more detail if required.</p>
<p>Can I choose modules from other School/Departments?</p>	<p>No, you must choose all your modules from within Creative Arts.</p> <p>You must take all your modules in Creative Arts on a specific programme in a particular year. This arrangement prevents you from having any timetable clashes.</p>
<p>Full details on the content and assessment methods for all modules can be found in the University's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main.</p>	

UNDERGRADUATE MODULES			
Semester One Compulsory Modules for Second Years			
Module Code	Module Title	Programme Area	ECTS Credits
†23ACB150	Advanced Contextual and Visual Research	Textile Design	10
23ACB151	Advanced Processes	Textile Design	5
23ACB152	Concept Development and Emerging Design Practices	Textile Design	10
23ACB153	Professional and Business Practice	Textile Design	5
23ACB130	Identifying Individual Practice	Fine Art	10
23ACB131	Reading Art Theory	Fine Art	5
23ACB132	Developing Individual Practice	Fine Art	10
23ACB133	Visual Thinking	Fine Art	5
23ACB140	Social Design	Graphic Design	10
23ACB141	Visualisation	Graphic Design	5
22ACB142	Narrative and Sequence	Graphic Design	10
22ACB143	Collaboration	Graphic Design	5
Semester Two Compulsory Modules for Second Years			
Module Code	Module Title	Programme Area	ECTS Credits
23ACB154	Textile Design and Technology	Textile Design	10
23ACB157	Research and Design Methods for Textiles	Textile Design	5
23DSB306	Speculative Futures	Textile Design	10
23ACB134	Locating Individual Practice	Fine Art	10
23ACB135	Curating Art Practice	Fine Art	5
23DSB306	Speculative Futures	Fine Art	10
23ACB144	Audience and Environment	Graphic Design	10
23ACB145	Design Research Methods	Graphic Design	5
23DSB306	Speculative Futures	Graphic Design	10
2nd year students in Semester 2 must now choose one of the following:			
Module Code	Module Title	Programme Area	ECTS Credits
23ACB201	Arts Management	Available to all – S2	5
23ACB202	Becoming a Responsible Practitioner	Available to all – S2	5
†23ACB203	Creative Dissent: Protest, Activism and Art	Available to all – S2	5
23ACB204	Creative Placemaking	Available to all – S2	5
23ACB205	Design – Creative – Art with Waste	Available to all – S2	5
23ACB206	Design for Heritage Futures	Available to all – S2	5
23ACB208	Drawing Characters: Representation and Identity	Available to all – S2	5
23ACB209	Design for Wellbeing	Available to all – S2	5
23ACB210	Story Design for Creative Industries	Available to all – S2	5

Part A (first year) modules can be available on request.

DESIGN

<p>GENERAL GUIDANCE FOR MODULE CHOICE <i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i></p>	
<p>School/Department Exchange Co-ordinator:</p>	<p>Name: Professor Andrew Morris Email: A.P.Morris@lboro.ac.uk Telephone: +44 (0)1509 226981</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). <i>Students are advised not to exceed this recommendation.</i></p>
<p>Design general requirements:</p>	<p>Restrictions may apply based on your previous level of experience in any given subject area. The Exchange Co-ordinator will discuss the suitability of your module choices with you in more detail if required.</p> <p>The modules offered by the Design School are based on prior learning of two or three years' undergraduate education in Industrial/Product Design. Acceptance on to Design School modules may require evidence of prior learning and design skills, including a portfolio of previous design work.</p> <p>Please note that 23DSC400 - Final Year Project (ERASMUS+) is a compulsory module.</p>
<p>Can I choose modules from other Schools/Departments?</p>	<p>Yes, at the discretion of the School owning the module, if it has no prerequisite modules, and if it fits in with your timetable. Your Design School modules must take priority.</p>
<p>Full details on the content and assessment methods for all modules can be found in the University's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main.</p>	

Semester One Compulsory Modules		
Module Code	Module Title	ECTS Credits
23DSC400	Final Year Project (ERASMUS+)	15
Semester One Optional Modules		
Module Code	Module Title	ECTS Credits
23DSC009	Industrial Design Studies 3	15
23DSC201	Inclusive Design	15
Semester Two – To be confirmed at a later date		

ENGLISH

GENERAL GUIDANCE FOR MODULE CHOICE	
<i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i>	
School/Department Exchange Co-ordinator	Title and Name: Dr Joan Fitzpatrick Email: Sshexchanges@lboro.ac.uk Telephone: +44 (0)1509 222758
Loughborough University general requirements:	Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). <i>Students are advised not to exceed this recommendation.</i>
English general requirements:	Restrictions may apply based on your previous level of experience in any given subject area. The Exchange Co-ordinator will discuss the suitability of your module choices with you in more detail if required.
Can I choose modules from other Schools/Departments?	No, you must choose all of your modules from within English. However, it might be possible for you to take a language module (worth 5 ECTS credits) in the Language Centre. For further information, see http://www.lboro.ac.uk/departments/phir/languages/ .
Full details on the content and assessment methods for all modules can be found in the University's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main .	

Exchange Student Module Options 2023/24:
<p>We expect the following modules to be available for incoming exchange students in 2023/24. Please include a selection of the modules listed in this table on your learning agreement.</p> <p>Please bear in mind that, whilst we always try to accommodate the requests of our exchange students, places on the modules listed below may be limited and may be subject to your meeting certain prerequisites for a particular module that you have selected. As such, we cannot guarantee that you will be registered on the modules you choose, and choices are always subject to approval by your Exchange Co-ordinator. Any queries regarding module choice should be directed to him/her in the first instance.</p>

UNDERGRADUATE MODULES - ENGLISH		
Semester One - Part A modules		
Module Code	Module Title	ECTS Credits
†23HTA102	Exploring Language & Linguistics (Introduction to Language)	10
23HTA777	Narrative Forms	10
23HTA011	Writing in History	10
Semester One - Part B modules		
Module Code	Module Title	ECTS Credits
†23HTB008	Victorian Literature	10
†23HTB710	Love and Life in the Stuart Era (1603-1714) Renaissance Writing	10
†23HTB403	Animal Tales: Non-human Animals in Fiction, Film and Philosophy	10
23HTB020	Strange Fascination: Queer Desires and Identities in Literature 1886 - 1952	10
Semester Two - Part A modules		
Module Code	Module Title	ECTS Credits
23HTA701	Theory Matters: Critiquing Inequalities	10
23HTA104	Analysing Poetry: Metre, Form and Meaning (Introduction to Poetry)	10
23HTA003	Elephants and Engines: Introduction to Creative Writing (ECW)	10
†23HTA005	Introduction to Film	5
Semester Two - Part B modules		
Module Code	Module Title	ECTS Credits
†23HTB711	Eighteenth-Century Literature (Pre 1800)	10
23HTB712	Modernisms (Post 1800)	10
†23HTB035	The Weird Tale	10
†23HTB017	Bleeding Red, White and Blue: The American Way of War	10
Interdisciplinary Modules. One 10 credit module can replace an English option		
Optional Modules		
†23HTB518	The People's History: Representations of the English Civil War, Past and Present	5
Arts Modules		
23ACB933	<i>Material Culture</i>	10
†23ACB935	<i>Creative Dissent, Protest, Activism and Art</i>	10
†23ACB937	<i>Experiential Design: Body Adornments and the New Technologies</i>	10
†23ACB934	<i>Fashion Theory</i>	10
Year Long Module (only available to a student on a full year study exchange)		
23HTA200	How to Do Things with Digital Texts	10

GEOGRAPHY AND ENVIRONMENT

GENERAL GUIDANCE FOR MODULE CHOICE	
<i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i>	
School/Department Exchange Co-ordinator	Name: Dr Helen Glanville Email: Sshexchanges@lboro.ac.uk
Loughborough University general requirements:	Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). Students are advised not to exceed this recommendation.
Geography and Environment general requirements:	Postgraduate modules are only suitable for students who have already completed three years or more of degree level study in any given subject area. The Exchange Co-ordinator will discuss and advise students on the suitability of studying a postgraduate module.
Can I choose modules from other Schools/Departments?	Yes, you can take up to 10 ECTS credits per semester in another School/Department. Module(s) offered by another School/ Department must be approved and signed off by the relevant Exchange Co-ordinator BEFORE you return your final learning agreement to Geography and Environment.
Full details on the content and assessment methods for all modules can be found in the University's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main .	

<p>Exchange Student Module Options 2023/24:</p> <p>It is expected that the modules listed in the tables overleaf will be available to incoming exchange students in 2023/24. Please include a selection of the modules listed in this table in your learning agreement.</p> <p>Please bear in mind that, whilst we always try to accommodate the requests of our exchange students, places on the modules listed below may be limited and may be subject to you meeting certain prerequisites in your chosen subject area. As such, we cannot guarantee that you will be offered a place on the modules you choose, and choices are always subject to approval by your Exchange Co-ordinator. Any queries regarding module choice should be directed to him/her in the first instance.</p>

Semester One		
Module Code	Module Name	ECTS Credits
First Year Modules		
23GYA002	Economic and Political Geography	10
23GYA004	Economic and Political Geography	5
23GYA007	Cartography, Digital Mapping & GIS	5
23GYA101	Earth System Science	5
Second Year Modules		
23GYB110	Social Urban Geographies	5
23GYB113	Cultural Spaces and Digital Landscapes	5
23GYB211	Globalization: Citizenship and Development	5
† 23GYB224	Social Difference: Geographical Perspectives	5
23GYB311	River Ecology	5
23GYB400	Exploring the Ice Ages	5
Third Year Modules		
23GYC104	Glacial Environments and Landscapes	5
23GYC207	Aeolian Processes and Landforms	5
23GYC212	Globalised Urbanisation	10
23GYC226	Employment, Work and Life	5
23GYC305	Environmental Change in the Anthropocene	10
† 23GYC309	Geographies of Home	5
Postgraduate Modules		
23GYP002	Financial Globalization	7.5
23GYP005	Globalization: Key Debates and Issues	15
23GYP038	Doing Research with Young People in their Socio-Spatial Contexts	5
23GYP041	Lake Research and Management	7.5
23GYP042	GIS for Environment Management	7.5
23GYP043	Hydrometeorology for the Climate Emergency	7.5
23GYP044	Tools for River Research and Management	7.5
23GYP050	Climate Futures	7.5
23GYP052	Mapping and Modelling the Sustainable Development Goals (SDGs)	7.5

Semester One & Two		
Second Year Modules		
23GYB201	Remote Sensing & GIS	10
23GYB210	Globalization	10
† 23GYB220	Social Difference	10
23GYB230	Earth Surface Processes and Landforms	10
23GYB240	Environmental Systems and Resource Management	10
23GYB327	Geographical Research: Design and Practice	10

Semester Two		
Module Code	Module Name	ECTS Credits
First Year Modules		
23GYA003	Quantitative Methods in Geography	5
23GYA008	Global Environmental Change at Local Scale	5
† 23GYA102	Social and Cultural Geography	10
† 23GYA104	Social and Cultural Geography	5
23GYA110	Environmental Hazards	5
23GYA112	Environmental Hazards	10
Second Year Modules		
23GYB212	Globalization: Economy and Innovation	5
† 23GYB222	Social Difference: Post-Colonial and Post-Socialist Societies	5
23GYB308	Forest Ecology	5
23GYB320	Global Migration	5
Third Year Modules		
23GYC109	Rural Futures	10
23GYC108	Climate Change: Cooperating with the Future	10
23GYC120	Landscape Evolution and GIS	5
23GYC200	Conservation: Principles and Practice	5
† 23GYC325	Mobilities, Transnationalism and Diaspora	10
Postgraduate Modules		
23GYP009	The Global Financial System under Climate Change	7.5
23GYP040	Research and Professional Practice	7.5
23GYP045	Research-informed Environmental Management	7.5
23GYP046	Geospatial Risk Modelling for Management	7.5
23GYP047	Environmental Monitoring of Wind	7.5
23GYP053	Climate Science into Practice	7.5
23GYP054	Economics and Policy for Sustainable Development	7.5
23GYP055	Research Design and Practice	7.5

INTERNATIONAL RELATIONS, POLITICS AND HISTORY

<p>GENERAL GUIDANCE FOR MODULE CHOICE Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</p>	
<p>School/Department Exchange Co-ordinator</p>	<p>Name: Dr Jamie Banks Email: Sshexchanges@lboro.ac.uk Tel: +44 (0)1509 222994</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). <i>Students are advised not to exceed this recommendation.</i></p>
<p>Politics and International Studies general requirements:</p>	<p>Politics and International Studies postgraduate modules (Part T – ‘P’ coded modules) are only suitable for students who have already completed three years or more of degree level study in any given subject area. The Exchange Co-ordinator will discuss and advise students on the suitability of studying a postgraduate module.</p> <p>Research projects: Research projects are not available to exchange students studying in Politics and International Studies.</p>
<p>Can I choose modules from other Schools/Departments?</p>	<p>Yes, you can take up to 10 ECTS per semester in another School/Department.</p> <p>However, module(s) offered by another School/ Department must be approved and signed off by the relevant Exchange Co-ordinator BEFORE you return your final learning agreement to International Relations, Politics and History.</p>
<p>Details on the content and assessment methods for modules can be found in the University’s module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main.</p>	

<p>Exchange Student Module Options 2023/24</p> <p>It is expected that the modules listed in the tables below will be available to incoming exchange students in 2023/24. Please include a selection of the modules listed in this table on your learning agreement.</p> <p>Please bear in mind that, whilst we always try to accommodate the requests of our exchange students, places on the modules listed below may be limited and may be subject to you meeting certain prerequisites in your chosen subject area. They will also be subject to timetabling constraints. As such, we cannot guarantee that you will be offered a place on the modules you choose, and choices are always subject to approval by your Exchange Co-ordinator. Any queries regarding module choice should be directed to him/her in the first instance.</p>

Semester One		
Module Code	Module Name	ECTS Credits
Second Year Modules		
23PIB601	The European Union (10 credit version of PIB625)	10
23PIB604	Comparative European Politics (10 credit version of PIB620)	10
23PIB605	Theories and Methods in Political Research	5
† 23PIB619	Critical Security Studies	10
23PIB625	The European Union (5 credit version of PIB601)	5
23PIB628	History of Political Thought (10 credit version of PIB629)	10
23PIB629	History of Political Thought (5 credit version of PIB628)	5
23PIB714	Modern China in a Global Perspective	10
† 23PIB724	Slavery in Global History	10
† 23PIB728	Victorian Values Reconsidered	10
Third/Final Year Modules		
23PIC628	The Asia-Pacific in Global Politics	10
23PIC660	Contemporary Political Philosophy	10
23PIC682	International Politics of the Middle East	10
† 23PIC703	Sex and Drugs and Rock 'n' Roll? Britain in the 'Swinging Sixties'	10
† 23PIC713	Jim Crow, Bootleggers and Okies: American Cultural History 1870-1940	10
23PIC716	Empire, War and Popular Culture in Britain, c.1880-1930	10
Postgraduate Module		
† 23PIP700	Security in Global Politics	15

Semester Two		
Module Code	Module Name	ECTS Credits
Second Year Modules		
† 23PIB612	Foreign Policy Analysis (10 credit version of PIB621)	10
† 23PIB621	Foreign Policy Analysis (5 credit version of PIB612)	5
23PIB634	The American Century: US Politics and Society in the 20th Century	10
23PIB637	Political Simulation	5
23PIB638	The Politics of Star Wars	10
23PIB639	From Rebellion to Partition: British India, 1857-1947	10
Third/Final Year Modules		
23PIC677	Britain and the European Union	10
† 23PIC684	War in the 21st Century	10
23PIC688	Emerging Threats in the 21st Century	10
23PIC714	The Soviet Security State, 1917-present	10
† 23PIC719	Convicts and Kangaroos: Australia 1788-1868	10
23PIC720	After Empire: South Asia since 1945	10

MATERIALS

GENERAL GUIDANCE FOR MODULE CHOICE	
<i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i>	
School/Department Exchange Co-ordinator:	Name: Dr Elisa Mele Email: E.Mele2@lboro.ac.uk Telephone: +44 (0)1509 228595
Loughborough University general requirements:	Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). <i>Students are advised not to exceed this recommendation.</i>
Materials general requirements:	Restrictions may apply based on your previous level of experience in any given subject area. The Exchange Co-ordinator will discuss the suitability of your module choices with you in more detail if required. Research projects: Undergraduate and postgraduate (taught) students who wish to undertake a research project during their time at Loughborough can only do so by registering for an approved research project module .
Can I choose modules from other Schools/Departments?	No, please choose all your modules from within Materials.
Full details on the content and assessment methods for all modules can be found in the University's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main .	

Exchange Student Module Options 2023/24:
<p>It is expected that the modules listed in the table overleaf will be available to incoming exchange students in 2023/24 and would be good modules to consider as an exchange student; however, other modules that are taught within the Department of Materials (taught at Part C, D and P) can be considered through discussion with the Exchange Co-ordinator.</p> <p>Please bear in mind that, whilst we always try to accommodate the requests of our exchange students, places on the modules listed below may be limited and may be subject to you meeting certain prerequisites in your chosen subject area. As such, we cannot guarantee that you will be offered a place on the modules you choose, and choices are always subject to approval by your Exchange Co-ordinator. Any queries regarding module</p>

Module Code	Module Title	ECTS Credits	Semester	Aim
23MPA016	Project	10	1 or 2	Design and carry out an experimental investigation.
23MPB003	Materials Literature Survey	5	1 or 2	Impart the skills required to undertake a technical literature review.
23MPC101	Sustainability, Recycling and Environmental Issues	5	1	Discuss the needs of environment protection through environmental control of pollution, materials sustainability, recycling, and controlled disposal.
23MPC108	Surface Engineering	5	1	Discuss the importance of surfaces in engineering and how they may be modified by suitable coatings and treatments.
23MPC111	Advanced Principles of Materials	5	1	Analyse fundamental theory of mechanical, optical, electronic and thermal properties, transformations in materials and defects in crystals.
23MPC103	Industrial Case Studies	5	2	Describe the application of materials science and engineering in the context of particular industrial case studies and the associated issues of manufacturing, economic and legislative constraints.
23MPC114	Composite Materials	5	2	Discuss the properties, processing and applications of composite materials and the development of new composites.
23MPC231	Biomaterials 2 (Biomaterials for Drug Delivery)	5	2	Analyse the types of materials that can target delivery to specific organs/tissues and in specific timeframes.

MATHEMATICAL SCIENCES

<p>GENERAL GUIDANCE FOR MODULE CHOICE</p> <p><i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i></p>	
<p>School/Department Exchange Co-ordinator:</p>	<p>Name: Dr Karima Khusnutdinova Email: K.Khusnutdinova@lboro.ac.uk Telephone: +44 (0)1509 228202</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). Students are advised not to exceed this recommendation.</p>
<p>Mathematical Sciences general requirements:</p>	<p>Restrictions to module choices may apply based on module pre-requisites and your previous level of experience, as well as timetabling restrictions. The module pre-requisites are listed in the respective module specifications. You will need to provide a transcript to show evidence of the necessary pre-requisites or equivalent prior knowledge. The Exchange Co-ordinator will discuss the suitability of your module choices with you in more detail if required.</p> <p>Research projects: Undergraduate and postgraduate (taught) students who wish to undertake a research project during their time at Loughborough can only do so by registering for an approved research project module. You cannot undertake a research project if you are coming for one semester.</p>
<p>Can I choose modules from other Schools/Departments?</p>	<p>You are encouraged, wherever possible, to choose modules from those offered within Mathematical Sciences. It might be possible for you to take a minority of your modules in another School/Department, but you will need to discuss it in advance with the Exchange Co-ordinator.</p> <p>Moreover, module(s) offered by another School/Department must be signed off by the respective Exchange Co-ordinator from that School/Department BEFORE you return your final learning agreement to Mathematical Sciences.</p> <p>If timetable clashes prevent you from taking all the modules that you select, we may permit you to make some changes. However, please note that the necessary arrangements will be made after you have arrived at Loughborough and the timetable has been finalised.</p>
<p>Full details on the content and assessment methods for all modules can be found in the University's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main.</p>	

MECHANICAL, ELECTRICAL AND MANUFACTURING ENGINEERING

<p>GENERAL GUIDANCE FOR MODULE CHOICE</p> <p><i>Please follow the guidance on this sheet very carefully. If you apply to study modules that are not permitted by the School/Department, your learning agreement may be returned to you.</i></p>	
<p>School/Department Exchange Co-ordinator:</p>	<p>Name: Dr Pablo Ruiz Email: WSSupport@mailbox.lboro.ac.uk Telephone: +44 (0)1509 227116</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). Students are advised not to exceed this recommendation.</p> <p>Research projects: Undergraduate and postgraduate (taught) students who wish to undertake a research project during their time at Loughborough can only do so by registering for an approved research project module.</p>
<p>Mechanical, Electrical and Manufacturing Engineering general requirements:</p>	<p>Restrictions may apply based on your previous level of experience in any given subject area. Please be sure to check that you meet any requirements for Pre-requisite knowledge.</p> <p>Please ensure that you do not select full-year modules (denoted by FY in the Semester column) if you will only be staying at Loughborough for one semester.</p> <p>Modules chosen within a single discipline (Mechanical/Electrical/Manufacturing) are less likely to result in Timetable clashes.</p>
<p>Can I choose modules from other Schools/Departments?</p>	<p>No, you must choose all of your modules from the Wolfson School of Mechanical, Electrical and Manufacturing Engineering (i.e., 'WS' codes).</p>
<p>Full details on the content and assessment methods for all modules can be found in the University's module catalogue: https://lucas.lboro.ac.uk/epublic/wp5016.main?dept=WS&dept2=WS</p>	

<p>Exchange Student Module Options 2023/24:</p> <p>Please adhere to the guidance below when you are selecting modules options from the following lists. Students must choose from either List One <u>or</u> List Two.</p> <p>LIST ONE: The module options are traditionally timetabled over the course of the Semester.</p> <p>LIST TWO: The module options are block taught and cannot be timetabled in conjunction with any options from List One.</p>
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LIST ONE

Module Code	Module Title	Pre-requisites	ECTS Credits	Exam Weight	CW Weight	Semester	Discipline
23WSB005	Power Conversion and Networks	WSA012	5	70	30	1	Electrical Eng
23WSB014	Embedded Systems Programming	WSA010	10	40	60	1	Electrical Eng
23WSB033	Advanced Electromagnetism	WSA011, WSA012, MAA103, MAA203	5	80	20	1	Electrical Eng
23WSB100	Mechanics of Materials 2	WSA100	5	80	20	1	Mechanical Eng
23WSB101	Engineering Dynamics 2	WSA101	5	80	20	1	Mechanical Eng
23WSB104	Control System Design 1		5	80	20	1	Mechanical Eng
23WSB112	Engineering Science 2	WSA102 or equivalent prior learning	5	80	20	1	Manufacturing Eng
23WSB141	Introduction to Robotics		10	60	40	1	Electrical Eng
23WSB201	Digital Manufacturing and Discrete Event Simulation		5	50	50	1	Manufacturing Eng
23WSB300	Engineering Computation		5	0	100	1	Manufacturing Eng
23WSB310	Engineering and Management Modelling	WSA102 or WSA210	5	0	100	1	Manufacturing Eng
23WSB400	Industrial Design	WSA401	5	0	100	1	Manufacturing Eng
23WSB403	Design of Machine Elements	WSB100, WSB112	5	80	20	1	Mechanical Eng
23WSB505	Manufacturing Design	WSA400	5	0	100	1	Manufacturing Eng
23WSB610	Manufacturing Technology		5	50	50	1	Manufacturing Eng
23WSB701	Measurement and Experimental Design	WSA700	5	70	30	1	Manufacturing Eng
23WSB800	Thermodynamics 2	WSA800	5	80	20	1	Mechanical Eng
23WSC104	Robotics and Control	WSB104	5	80	20	1	Mechanical Eng
23WSC107	Contact Mechanics: Tribology		5	50	50	1	Mechanical Eng
23WSC200	Engineering Management: Finance, Law and Quality		5	100	0	1	Manufacturing Eng
23WSC201	Organisation Structure & Strategy		5	70	30	1	Manufacturing Eng
23WSC302	Digital Communication Theory and Practice	WSA010, WSA013	10	70	30	1	Electrical Eng
23WSC303	Renewable Energy Systems		10	70	30	1	Electrical Eng
23WSC304	Computer Networks	WSB002	10	70	30	1	Electrical Eng
23WSC312	Systems Engineering Applications Theory	WSB013 or similar project type module	5	0	100	1	Electrical Eng
23WSC318	Embedded Systems Design and Implementation	WSA010	10	40	60	1	Electrical Eng
23WSC331	Bioelectricity and Biophotonics Engineering		10	70	30	1	Electrical Eng
23WSC353	Interfacing for Mechatronic Systems	Please refer to Module Specification	5	60	40	1	Electrical Eng

23WSC359	State Space Control	Please refer to Module Specification	5	60	40	1	Electrical Eng
23WSC401	Design Methods and Communication	WSA401, WSB400	5	0	100	1	Manufacturing Eng
23WSC407	Sustainable Product Lifecycle Engineering	Recommended for Product Design, Manufacturing Engineering and Engineering Management students. Alternative – 22WSC602	5	70	30	1	Manufacturing Eng
23WSC600	Advanced Manufacturing Processes and Technology 1	Cannot take with WSC108 or WSC910	5	70	30	1	Manufacturing Eng
23WSC602	Sustainable Engineering	Recommended for Mechanical Engineering students. Alternative – 22WSC407	5	70	30	1	Manufacturing Eng
23WSC606	Additive Manufacturing for Product Development	Ability to use a CAD package, ideally NX.	5	80	20	1	Manufacturing Eng
23WSC801	Advanced Heat Transfer	WSB801	5	80	20	1	Mechanical Eng
23WSC804	Energy Systems Analysis	WSB800	5	60	40	1	Mechanical Eng
23WSC910	Laser Materials Processing	WSC600 & WSD601	5	70	30	1	Mechanical Eng
23WSD100	Structural Integrity	WSC106	5	70	30	1	Mechanical Eng
23WSD101	Drive Train Dynamics	WSC105	5	50	50	1	Mechanical Eng
23WSD102	Nonlinear Dynamics		5	60	40	1	Mechanical Eng
23WSD212	Systems Ergonomics for Product Design	WSC401	5	0	100	1	Electrical Eng
23WSD403	Engineering Design Methods		5	80	20	1	Mechanical Eng
23WSD802	Computational Fluid Dynamics 2	WSC802	5	0	100	1	Mechanical Eng
23WSB009	Robotics Planning and Control	WSB140 Mechanics for Robotics	10	60	40	2	Electrical Eng
23WSB019	Computer Architecture		10	50	50	2	Electrical Eng
23WSB045	Electrical Power and Machines		5	100	0	2	Electrical Eng
23WSB203	Manufacturing Planning and Control	WSA210	5	80	20	2	Manufacturing Eng
23WSB204	Management of the Human Resource		5	80	20	2	Manufacturing Eng
23WSB210	Manufacturing Management		5	80	20	2	Manufacturing Eng
23WSB301	Software Engineering	WSA505	5	0	100	2	Manufacturing Eng
23WSB403	Design of Machine Elements	WSB100, WSB112	5	80	20	2	Mechanical Eng
23WSB404	Computer Aided Design Manufacture and Test (CADMAT)	WSA100, WSA508	5	0	100	2	Mechanical Eng
23WSB700	Sports Goods Design, Manufacture and Test	WSA700, WSA701	5	60	40	2	Manufacturing Eng

23WSB801	Heat Transfer	WSA100	5	100	0	2	Mechanical Eng
23WSB802	Fluid Mechanics 2	WSA100, WSA800	5	80	20	2	Mechanical Eng
23WSC070	Emerging Technologies for Sport, Health and Wellbeing		5	0	100	2	Electrical Eng
23WSC101	Vibration and Noise	WSB101	5	80	20	2	Mechanical Eng
23WSC105	Kinematics and Dynamics of Machinery	WSA101 or equivalent module covering fundamentals of rigid body statics, kinematics, and dynamics	5	70	30	2	Mechanical Eng
23WSC106	Finite Element Analysis	WSB100 or WSB112	5	60	40	2	Mechanical Eng
23WSC203	Manufacturing Planning & Control	WSB210	5	80	20	2	Manufacturing Eng
23WSC204	Management of the Human Resource		5	80	20	2	Manufacturing Eng
23WSC206	Product Innovation Management	WSC200 or TTC100	5	60	40	2	Manufacturing Eng
23WSC300	Advanced Computer Aided Design	Good evidence of advanced NX knowledge should be demonstrable to the module leader before enrolling.	5	0	100	2	Manufacturing Eng
23WSC301	Computer Aided Engineering	WSB404. Good evidence of advanced NX knowledge should be demonstrable to the module leader before enrolling.	5	75	25	2	Manufacturing Eng
23WSC322	Power Electronics	WSA010, WSB010	10	70	30	2	Electrical Eng
23WSC339	Microwave Communication Systems	WSB002	10	70	30	2	Electrical Eng
23WSC354	Electronic System Design with FPGAs	WSB010	10	50	50	2	Electrical Eng
23WSC361	Manufacturing Automation and Control	Please refer to Module Specification	5	60	40	2	Electrical Eng
23WSC603	Metrology		5	70	30	2	Manufacturing Eng
23WSC610	Healthcare Engineering		5	70	30	2	Manufacturing Eng
23WSC700	Sports Engineering		5	100	0	2	Manufacturing Eng
23WSC702	Sports Equipment Industry	WSB503, WSB700	5	0	100	2	Manufacturing Eng
23WSC802	Computational Fluid Dynamics I	WSB800, WSB801	5	80	20	2	Mechanical Eng
23WSC803	Ballistics and Rocket Propulsion		5	100	0	2	Mechanical Eng
23WSC805	Energy Vectors for Transport	Please refer to Module Specification	5	0	100	2	Mechanical Eng
23WSD203	Lean Operations and Supply Chain Management		5	70	30	2	Manufacturing Eng
23WSD407	Sustainable Product Design	WSC407	5	50	50	2	Manufacturing Eng

23WSD602	Industrial Sustainability	WSC407 or WSC602	5	70	30	2	Manufacturing Eng
23WSD606	Additive Manufacturing and Reverse Engineering	WSC606	5	70	30	2	Manufacturing Eng
23WSD902	Laser and Optical Measurements		5	80	20	2	Mechanical Eng
23WSB011	Electronics	Please refer to Module Specification	10	100	0	FY	Electrical Eng
23WSB013	Robotics Project Design and Management	WSA010, WSA011, WSA012, WSA013	10	0	100	FY	Electrical Eng
23WSB022	Communications	Please refer to Module Specification	10	100	0	FY	Electrical Eng
23WSB300	Engineering Computation		5	0	100	FY	Manufacturing Eng
23WSB302	Engineering Computation for Sports Technology		10	0	100	FY	Manufacturing Eng
23WSB501	Integrating Studies		10	0	100	FY	Manufacturing Eng
23WSB502	Applied Sports Technology 2		10	0	100	FY	Manufacturing Eng
23WSB503	Application of Product Design in Sports		10	0	100	FY	Manufacturing Eng
23WSB504	Application of Product Design		10	0	100	FY	Manufacturing Eng
23WSB600	Manufacturing Process Technology		10	80	20	FY	Manufacturing Eng
23WSD034	Applying Management Theory	WSB013 or similar group project module	5	0	100	FY	Electrical Eng

LIST TWO

Module Code	Module Title	Pre-requisites	ECTS Credits	Exam Weight	CW Weight	Semester	Discipline
23WSD506	Digital Signal Processing	Any scientific programming language, preferably MATLAB. Cannot take with WSC302.	7.5	70	30	1	Electrical Eng
23WSD509	Communication Networks	WSB002. Cannot take with WSC304.	7.5	70	30	1	Electrical Eng
23WSD511	Information Theory and Coding	Any scientific programming language, preferably MATLAB. Fundamentals of communications techniques, basic linear algebra, statistics and probability.	7.5	70	30	1	Electrical Eng
23WSD523	Antennas, Radar and Metamaterials		7.5	70	30	1	Electrical Eng
23WSD527	Advanced Methods for Control	WSB004 (E), WSC341 (Recommended)	7.5	40	60	1	Electrical Eng

23WSD530	Programming Multi/many-core Systems	Prior knowledge of the C programming language.	7.5	0	100	1	Electrical Eng
23WSD531	Renewable Energy Technologies, Economics and Policy	WSC303	7.5	0	100	1	Electrical Eng
23WSD533	Solar Power		7.5	85	15	1	Electrical Eng
23WSD534	Wind Power		7.5	70	30	1	Electrical Eng
23WSD536	Bioenergy	WSC303	7.5	50	50	1	Electrical Eng
23WSD546	Statistical Methods and Machine Learning	Background on probability theory and programming	7.5	70	30	1	Electrical Eng
23WSD568	Mechatronic System Design	WSB004, WSC341	7.5	0	100	1	Electrical Eng
23WSD569	Innovation and Entrepreneurship in Engineering	WSC312 and/or WSC200	7.5	0	100	1	Electrical Eng
23WSD572	Systems Architecture		7.5	0	100	1	Electrical Eng
23WSD060	Engineering and Managing Capability		7.5	0	100	2	Electrical Eng
23WSD508	Digital Signal Processing for Software Defined Radio	WSD506 (E)	7.5	70	30	2	Electrical Eng
23WSD515	Wireless Communications	WSB002	7.5	70	30	2	Electrical Eng
23WSD516	Telecommunications Network Security	WSC304 or WSD509	7.5	70	30	2	Electrical Eng
23WSD517	Mobile Network Technologies	WSB002, WSC302 or WSC304. General mathematics and communications experience expected.	7.5	70	30	2	Electrical Eng
23WSD518	Elements of Pulsed Power Technology	WSC339	7.5	0	100	2	Electrical Eng
23WSD525	Advanced Electronic Engineering Applications: Underwater systems a case study		7.5	60	40	2	Electrical Eng
23WSD526	Radio Frequency and Microwave Integrated Circuit Design	WSB002, WSB003	7.5	80	20	2	Electrical Eng
23WSD532	Integration of Renewables		7.5	90	10	2	Electrical Eng
23WSD571	Holistic Engineering		7.5	0	100	2	Electrical Eng
23WSD574	Machine Learning - Principles and Applications for Engineers		7.5	0	100	2	Electrical Eng
23WSD580	Robotic Applications in Sport and Healthcare		7.5	0	100	2	Electrical Eng

NATURAL SCIENCES

<p>GENERAL GUIDANCE FOR MODULE CHOICE</p> <p><i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you.</i></p>	
<p>School/Department Exchange Co-ordinator:</p>	<p>Name: Dr Paul Roach Email: P.Roach@lboro.ac.uk Telephone: +44 (0)1509 223057</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). <i>Students are advised not to exceed this recommendation.</i></p>
<p>Natural Sciences general requirements:</p>	<p>Restrictions may apply based on your previous level of experience in any given subject area. The Exchange Co-ordinator will discuss the suitability of your module choices with you in more detail if required.</p>
<p>Can I choose modules from other Schools/Departments?</p>	<p>It might be possible for you to take a minority of your modules in another School/Department, but you will need to discuss it in advance with the Exchange Co-ordinator.</p> <p>Module(s) offered by another School/Department must be signed off by the respective Exchange Co-ordinator BEFORE you return your final learning agreement to Computer Science.</p> <p>If timetable clashes prevent you from taking all the modules that you select, we may permit you to make some changes. However, please note that the necessary arrangements will be made after you have arrived at Loughborough and the timetable has been finalised.</p>
<p>Full details on the content and assessment methods for all modules can be found in the University's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main.</p>	

PHYSICS

<p>GENERAL GUIDANCE FOR MODULE CHOICE</p> <p><i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department, your learning agreement may be returned to you</i></p>	
<p>School/Department Exchange Co-ordinator:</p>	<p>Name: Dr Fasil Dejene Email: F.Dejene@lboro.ac.uk Telephone: +44 (0)1509 223634</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). <i>Students are advised not to exceed this recommendation.</i></p>
<p>Physics general requirements:</p>	<p>Study exchanges will normally be for the full academic year. Restrictions may apply based on your previous level of experience in any given subject area. The Exchange Co-ordinator will discuss the suitability of your module choices with you in more detail if required.</p> <p>The modules available to incoming exchange students are listed below.</p> <p><i>* 23PHB901 assumes knowledge of Lagrangian and Hamiltonian mechanics which are covered in 23PHA901.</i></p> <p><i>23PHB902+ is designed as a follow-up module to 23PHB901.</i></p> <p>Please be aware that some modules require attendance for <u>both</u> of two semesters (listed as 1 & 2).</p> <p>Physics modules coded PHP or PHD are suitable for students who have already completed three years or more of degree level study.</p> <p>Research projects: Research projects are not available to exchange students studying Physics.</p>
<p>Can I choose modules from other Schools/Departments?</p>	<p>It might be possible for you to take a minority of your modules in another School/Department, but you will need to discuss it in advance with the Exchange Co-ordinator.</p> <p>Module(s) offered by another School/Department must be signed off by the respective Exchange Co-ordinator BEFORE you return your final learning agreement to Physics.</p> <p>Mixing modules from different Parts or Departments may result in a timetable clash. If timetable clashes prevent you from taking all the modules that you select, we may permit you to make some changes. However, please note that the necessary arrangements will be made after</p>

you have arrived at Loughborough and the timetable has been finalised.

Full details on the content and assessment methods for all modules can be found in the University's module catalogue <http://lucas.lboro.ac.uk/epublic/wp5015.main>.

Module Code	Module Name	ECTS Credits	Semester
Second Year Modules			
*23PHB901	Core Physics III: Quantum Physics	10	1
*23PHB902+	Core Physics IV: Thermal and Statistical Physics	5	2
23PHB904	Advanced Computational Modelling and Simulation	10	1 & 2
Third Year Modules			
23PHC014	Condensed Matter Physics	5	1 & 2
23PHC120	Surfaces, Thin Films and High Vacuum	5	1
23PHC108	Modern Optics	5	2
Fourth Year Modules			
23PHD109	Characterisation Techniques in Solid State Physics	7.5	1
23PHD801	Topics in Advanced Quantum Mechanics	7.5	1
23PHD201	Physics of Complex Systems	7.5	2
23PHD202	Superconductivity and Nanoscience	7.5	2
23PHD230	Quantum Computing	7.5	2

SPORT, EXERCISE AND HEALTH SCIENCES -

<p>GENERAL GUIDANCE FOR MODULE CHOICE</p> <p><i>Please follow the guidance on the information sheet very carefully. If you apply to study modules that are not permitted by your School/Department your learning agreement may be returned to you</i></p>	
<p>School/Department Exchange Co-ordinator:</p>	<p>Name: Dr Liam Heaney Email: Ssehs-exchangeadmin@lboro.ac.uk Telephone: +44 (0)1509 226424</p>
<p>Loughborough University general requirements:</p>	<p>Number of credits: The recommended number of ECTS per semester is 30 ECTS credits (60 Loughborough credits). Students are advised not to exceed this recommendation.</p>
<p>Sport, Exercise and Health Sciences general requirements:</p>	<p>Restrictions may apply, based on your previous level of experience in any given subject area. The Exchange Co-ordinator will discuss the suitability of your module choices with you in more detail if required.</p> <p>Please note that exchange students CANNOT register for the following:</p> <ul style="list-style-type: none"> - final year projects/dissertations; - modules taught within postgraduate programmes; - modules that are part of the Teacher Education Programme. <p>It is ESSENTIAL that prospective exchange students are able to spend the entire length of the semester in Loughborough in order to ensure that they are present for all examinations. If you are unable to commit to an entire semester, you will be required to undertake modules that consist of 100% coursework assignments or, alternatively, you must arrange to sit any Loughborough examinations at your home institution.</p> <p>Exchange students are not able to take full-year modules if they only intend to be with us for one semester.</p>
<p>Can I choose modules from other Schools/Departments?</p>	<p>Yes, you can take a minority of your modules in another School/Department. Module(s) offered by another School/Department must be approved and signed off by the relevant Exchange Co-ordinator BEFORE you return your final learning agreement to Sport, Exercise and Health Sciences.</p>
<p>Full details on the content and assessment methods for all modules can be found in the University's module catalogue http://lucas.lboro.ac.uk/epublic/wp5015.main.</p>	
<p>Exchange Student Module Options 2022/23</p> <p>Whilst we always try to accommodate the requests of incoming exchange students, the availability of places on some selected modules may be subject to prerequisite knowledge in the chosen subject area, timetabling restrictions or capacity. As such, we cannot guarantee that you will be offered a place on the modules you choose and, in any case, they are always subject to approval by both the Exchange Co-ordinator and the respective Module Leader.</p>	

Module Code	Module Title	ECTS Credits	Exam Weight	CW	Semester
Sport					
23PSA706	Academic, Research and Vocational Skills	10	50	50	1 and 2
23PSA721	Introduction to Sport Biomechanics and Kinesiology	10	100	0	1 and 2
23PSA742	Fundamentals of Teaching Physical Education	10	70	30	2
23PSA751	Sport and the Social Sciences	10	50	50	1 and 2
23PSA761	Kinesiology, Growth and Development	10	100	0	1 and 2
23PSA762	Fundamentals of Sport and Exercise Science	10	100	0	1 and 2
23PSA771	Critical Perspectives in Sport Management	10	0	100	2
23PSA772	Introduction to Sport Management	10	0	100	1 and 2
23PSA902	Introduction to Sport Biomechanics	5	100	0	1
23PSA903	Introduction to Structural Kinesiology	5	100	0	2
23PSA904	Growth and Development	5	100	0	1
23PSA905	Structural Kinesiology	5	100	0	2
23PSB207	Fundamentals of Human Nutrition	10	50	50	1 and 2
23PSB704	Applied Studies across Sport Performance and Health	10	50	50	1 and 2
23PSB707	Research Skills and Methodologies	10	50	50	1 and 2
23PSB713	Physiology of Exercise and Training	10	75	25	1 and 2
23PSB722	Biomechanics of Sport	10	50	50	1 and 2
23PSB723	Motor Control and Motor Learning	10	100	0	1 and 2
23PSB743	Coaching Process and Practice	10	0	100	1 and 2
23PSB744	The Reflective Practitioner in Physical Education	10	0	100	1 and 2
23PSB752	Sport, Diversity and Social Justice	10	35	65	1
23PSB753	Conceptualising Sport	10	60	40	2
23PSB754	Physical Activity and Health	10	70	30	2
23PSB763	Acquiring Movement Skills	10	75	25	1
23PSB764	Fitness Training and Analysis	10	100	0	1 and 2
23PSB771	Sports Law, Equity and Inclusion	10	50	50	1 and 2
23PSB772	Sport Management in Practice	10	0	100	1 and 2
23PSB773	Sport Marketing	5	0	100	1
23PSC028	Advanced Sport Biomechanics	10	100	0	1 and 2
†23PSC032	Physical Activity and Health of Children	10	60	40	1 and 2
23PSC705	Interdisciplinary Applications in Health and Sport	10	0	100	1 and 2
23PSC715	Physiology of Sport, Exercise and Health	10	50	50	1 and 2
23PSC716	Nutrition for Sport, Exercise and Health	10	50	50	1 and 2
23PSC725	Advanced Motor Control of Sport Movements	10	100	0	1 and 2
23PSC745	Advanced Sport Coaching	10	0	100	1 and 2
23PSC746	Critical Pedagogies in Physical Education	10	0	100	1 and 2
23PSC755	Contemporary Issues in Sporting Cultures	10	60	40	1 and 2
23PSC766	Applied Sports Science: Analysis and Conditioning	10	50	50	1 and 2
23PSC771	Sport Policy and Governance	10	50	50	1 and 2
23PSC772	Strategic Sport Marketing and Economics	10	50	50	1 and 2
23PSC773	Strategic Management of Sports Organisations and Events	10	0	100	1 and 2
23PSC901	Physiology of Exercise & Health	5	100	0	1
23PSC902	Applied Sport Physiology	5	0	100	2

23PSC903	Sport Policy	5	100	0	1
23PSC904	Sport Governance	5	0	100	2
Biosciences					
23PSA201	Anatomy & Physiology 1	5	75	25	1
23PSA901	Anatomy & Physiology II	5	80	20	2
23PSA601	Laboratory Skills 1	10	0	100	1 and 2
†23PSA603	Genetics and Molecular Biology	10	50	50	2
23PSA605	Human Evolution and Adaptation	10	75	25	2
23PSA606	Anatomy and Physiology	10	80	20	1 and 2
23PSB022	Biochemistry of Exercise and Nutrition	10	100	0	1 and 2
23PSB403	Research Methods: Data Analysis	10	100	0	1 and 2
23PSB611	Laboratory Skills II	10	0	100	1 and 2
23PSB612	Genomics	10	70	30	1
23PSB613	Cellular Signalling and Transport	10	50	50	2
23PSB614	Growth Development and Ageing	10	75	25	1 and 2
23PSB615	Biochemistry and Cell Biology	10	60	40	1
23PSB616	Clinical Biochemistry and Biomarker Science	10	50	50	1 and 2
23PSB901	Clinical Biochemistry	5	100	0	1
23PSB902	Biomarker Science	5	0	100	2
23PSB903	Human Growth and Development	5	100	0	1
23PSB904	Human Ageing	5	50	50	2
23PSC062	Basic Science and Regenerative Therapy	5	0	100	2
23PSC204	Infectious Diseases in Humans	10	80	20	2
23PSC206	Lifestyle and Disease	10	75	25	1
23PSC208	Body Composition and Physiological Measurement	10	75	25	1
23PSC219	Human Performance at Environmental Extremes	10	50	50	1
23PSC621	Cellular Adaptation and Degeneration	10	60	40	1
23PSC622	Applied Genomics	10	60	40	1
23PSC623	Regenerative Medicine	10	0	100	2
23PSC624	Biology and Oncology	10	60	40	2
23PSD631	Contemporary Topics in Biosciences	10	75	25	2
23PSD632	Advanced Laboratory & Research Methods (Limited Availability)	10	0	100	1
Psychology					
23PSA026	Foundations of Sport and Exercise Psychology	10	60	40	2
†23PSA520	Research Skills A	10	60	40	1
23PSA521	Psychology of the Early Years	10	70	30	1
23PSA522	Cognitive Research	10	50	50	2
23PSA523	Understanding the Brain	10	70	30	2
†23PSB732	Current Themes in Sport and Exercise Psychology	10	60	40	2
23PSB733	Expert Performance in Sport	10	60	40	1
†23PSC301	Advanced Experimental and Qualitative Design and Analysis	10	50	50	1
†23PSC311	Clinical Psychology	10	50	50	2
23PSC319	The Psychology of Eating Behaviour	10	70	30	1
23PSC320	Parenting and Socialisation	10	50	50	2
23PSC734	Applied Exercise Psychology	10	50	50	1
23PSC735	Applied Psychology in Competitive Sport	10	40	60	2
23PSC765	Psychology for Physical Educators	10	60	40	2

UNITECH PROGRAMME

Please note that this information is only applicable to students on the UNITECH Programme who choose to undertake a study exchange at Loughborough University.

GENERAL GUIDANCE FOR MODULE CHOICE

Students, who would like to come to Loughborough University for a study exchange through the UNITECH programme, need to find a host School/Department from the **Engineering** provision at the University which matches their home degree studies as closely as possible. Below is a list of the Engineering Schools/Departments which are open to you:

- Department of Aeronautical and Automotive Engineering
- Civil Engineering* within the School of Architecture, Building and Civil Engineering
(year-long exchange only due to modules lasting for one year in this School)
- Department of Chemical Engineering
- Department of Materials Engineering
- School of Mechanical, Electrical and Manufacturing Engineering

You need to be able to take all modules from one School or Department. It is, therefore, recommended that you find the relevant page in this Module Catalogue - depending on your preferred host School or Department - in order to look up the modules, which are available to you, and check any specific School/Department guidelines.

Please ensure that you read pages 3-4 of this Module Catalogue for help in understanding how Loughborough University modules are labelled and in which year they are taught. You should be aiming to take approximately 30 ECTS per semester.

Contact Information	
General UNITECH Administration Queries	Lindsay Hendricks UNITECH Local Office Co-Ordinator Email: Unitech@lboro.ac.uk Telephone: +44 (0)1509 222241
Each School/Department has a dedicated Exchange Co-Ordinator, whose contact details are listed on their respective School/Department pages within this Module Catalogue. If, however, you have any specific questions about module availability, please email Lindsay Hendricks in the first instance.	

For more information on coming to Loughborough University through the UNITECH programme, please visit: <https://www.lboro.ac.uk/study/overseas-exchange/unitech/incoming/>.

ADDITIONAL CONTACT INFORMATION

All incoming exchange students are advised to contact their respective School/Department Exchange Co-ordinator with regard to the academic aspects of their exchange programme, such as learning agreements and module choice. If, however, you have any general non-academic queries, please contact a member of the Exchanges Team:

Lindsay Hendricks

Exchanges Administrative Manager
Programme Quality and Teaching Partnerships Office
Academic Registry
Tel: +44 (0)1509 222241

Please send all email enquiries to Exchanges@lboro.ac.uk.

