

Welcome to the Department of Mathematics

MSc Operations
Research and
Analytics Handbook

2020/21

Ise.ac.uk/mathematics







Look after yourself. Look after others



Wear a mask



Wash or sanitise hands regularly



Avoid contact



Clean, and use learning spaces safely



Cover coughs and sneezes



Keep a safe distance and be considerate to others

Let LSE know if you feel unwell



High temperature, fever shaking or chills



Loss of sense of smell, taste, or breathing difficulties



Dry cough

Do you have symptoms?

Get a COVID-19 test, DO NOT go out
and you MUST self-isolate for two weeks





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Welcome from the Head of Department

Welcome to the Department of Mathematics at LSE.

By joining one of our degree programmes, you become a member of a vibrant intellectual community, comprising excellent students (BSc, MSc and PhD), world-leading faculty, experienced professional services staff, and high-achieving alumni. By taking advantage of the rich and diverse learning environment at LSE, you will further develop your talents and advance your knowledge. We offer a supportive and friendly environment in which everybody can fulfil their potential. We in the Department are always thinking how we can make changes for the better. Every year we introduce new teaching programmes and modules. We've also seen a rapid growth in recent years; hiring several outstanding new staff to broaden our research and teaching portfolio.

As you are undoubtedly aware, this year will be very different for everybody in the Department. A large part of your learning will be provided via online provision (both recorded and live). But as much as possible, we will also offer face-to-face teaching and support on campus. Since the start of the COVID-19 pandemic we have been designing a portfolio of activities that gives our students a rewarding and supportive learning environment. Several of the activities are aimed at making sure that you get to know your fellow students and other members of the LSE community. This year will be very different than what all of you (and us) were expecting when you applied, but it shouldn't be less exciting.

The Department's teaching and research are shaped to a large extent by its position within LSE. We view teaching and research as complementary activities, each enhancing the other. Our aim is to be excellent both in teaching and research, in a way that reflects our location within a social sciences institution, engaging with all parts of LSE.

In this handbook you will find a wealth of information about your degree programme, your studies, the support the Department and LSE offer, and much more. Our website (lse.ac.uk/Mathematics) provides further and up-to-date information, including news and events, and a section for current students in the Department.

Finally, if at any point during your stay with us you feel that there is something I should be aware of regarding your experience in the Department of Mathematics or LSE (good or bad), do not hesitate to contact me, by email or in person. My door is always open, whether it's a virtual door, or the door of my office.



Professor Jan van den Heuvel Head of Department J.Van-Den-Heuvel@lse.ac.uk

Key Staff



<u>Professor Gregory Sorkin</u> is the Programme Director for this degree. For any academic queries he is your main contact.

Email: G.B.Sorkin@lse.ac.uk

Rebecca Batey is the MSc Programmes Manager for all MSc programmes in the Department. She is your first point of call for any non-academic queriesmain contact.

Email: G.B.Sorkin@lse.ac.uk



<u>Professor Jan van den Heuvel</u> is the Head of the Department. He is responsible for all academic activities, students, staff and programmes offered by the Department.

Email: J.Van-Den-Heuvel@lse.ac.uk

Other Professional Services Staff you may need to know are:

Kate Barker

Department Manager

Jackie Everid

Undergraduate Programmes Manager

Enfale Farooq

Research Manager

Sarah Massey

Department Administrator: Communications & Student Support

Edward Perrin

Department Administrator: Finance, Projects & Facilities

Please check the departmental website for a full list of academic staff, their research interests, office hours and contact details:

lse.ac.uk/Mathematics/people

lse.ac.uk/Mathematics/Current-Students/Office-hours





Name	Email
Dr Ahmad Abdi	A.Abdi1@lse.ac.uk
Professor Peter Allen	P.D.Allen@lse.ac.uk
Professor Martin Anthony	M.Anthony@lse.ac.uk
Dr Tuğkan Batu	T.Batu@lse.ac.uk
Professor Julia Böttcher	J.Boettcher@lse.ac.uk
Professor Graham Brightwell	G.R.Brightwell@lse.ac.uk
Dr Christoph Czichowsky	C.Czichowsky@lse.ac.uk
Dr Albina Danilova	A.Danilova@lse.ac.uk
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Dr Neil Olver	N.Olver@lse.ac.uk
Professor Adam Ostaszewski **	A.J.Ostaszewski@lse.ac.uk
Dr Katerina Papadaki	K.P.Papadaki@lse.ac.uk
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Professor Mihail Zervos	M.Zervos@lse.ac.uk

^{*}unavailable for 2020/21

^{**} unavailable for MT 2020/21



About the Department

The LSE Department of Mathematics is internationally recognised for its teaching and research. Located within a world-class social science institution, the Department aims to be a leading centre for mathematics in the social sciences. The Department's growth trajectory reflects the increasing impact that mathematical theory and mathematical techniques are having on subjects such as economics and finance, and on many other areas of the social sciences. The Department offers seven degree programmes across various levels: undergraduate; postgraduate; and MPhil/PhD.

Department Office

The Department's main office can be found on the 4th floor of Columbia House in **COL.4.01**. The team is available to assist with general enquiries as well as student support, submission of course work and other non-academic queries.

During a normal term time, the office would be open between:

10:00-12:00 and 14:00-16:00

Postal address:

Department of Mathematics, COL.4.01
The London School of Economics and Political Science
Houghton Street
London
WC2A 2AE

Email: maths.info@lse.ac.uk

Email

The School will use your LSE email address to communicate with you so you should check it regularly. You can access this off campus using <u>Webmail</u>. If on campus, the email program Microsoft Outlook is available on all student PCs on the LSE network.

Twitter, LinkedIn, Blog & Student Hub

- You can follow the Department of Mathematics' Twitter account here: @LSEMaths.
- You can also follow our LinkedIn page and connect with our alumni community.
- The Department runs a research blog: blogs.lse.ac.uk/maths
- We are also on the Student Hub app! Our main departmental page can be found here: studenthub.lse.ac.uk/channel/56

Research Interests of Staff

Dr Ahmad Abdi

Polyhedral combinatorics, packing and covering, ideal clutters, integer programming, matroid theory, graph theory..

Professor Peter Allen

Extremal combinatorics, especially graphs and uniform hypergraphs, asymptotic enumeration, Ramsey theory, random discrete structures.

Professor Martin Anthony

Mathematical aspects of the theory of machine learning and Boolean functions.

Dr Tugkan Batu

Algorithms and theory of computation: randomised computation, sublinear algorithms, property testing, and streaming algorithms.

Professor Julia Böttcher

Extremal combinatorics, random discrete structures, pseudo-randomness, Ramsey theory, regularity method, packing.

Professor Graham Brightwell

Combinatorics, especially partially ordered sets and random combinatorial structures. Markov chains and discrete stochastic processes.

Dr Christoph Czichowsky

Financial mathematics; stochastic analysis; transaction costs; market frictions.

Dr Albina Danilovar

Asymmetric information; derivative pricing; stochastic calculus; insider trading; stochastic control; equilibrium theory.

Dr Paul Dütting

Algorithms, Game Theory, Mechanism Design, Auction Theory, Optimal Stopping Problems, Machine Learning for Economic Design.

Professor Jan van den Heuvel

Discrete mathematics in general, especially graphs, networks and matroids; applications and algorithmic aspects.

Dr Grammateia Kotsialou

Algorithmic game theory; economic mechanism design; game theory; congestion games; algorithms; complexity; auctions.



Professor Andrew Lewis-Pye

Logic, computability, algorithmic randomness, network science, complex systems, cryptocurrencies.

Dr Arne Lokka

Pricing and hedging of derivatives; optimal execution; optimal portfolio theory; equilibrium modelling; stochastic optimal control.

Dr Neil Olver

Algorithms, with an emphasis on optimization in networks, as well as links to game theory (especially traffic) and probability.

Professor Adam Ostaszewski

Mathematical finance, in particular real options and accounting theory, including corporate disclosure policy. Bargaining theory.

Dr Katerina Papadaki

Optimisation algorithms for wireless network problems, drone routing problems; patrolling games for network security; approximate dynamic programming algorithms.

Professor Johannes Ruf

The modelling of dynamic systems that arise in finance and economics.

Professor Amol Sasane

Applicable analysis, in particular algebraic analytical questions for topological rings, systems of partial differential equations, and applications in theoretical physics.

Dr Robert Simon

Ergodic Theory, Banach-Tarski Paradox, Game, Theory, Algebraic Topology, Principal-Agent Problems, Chaos Theory.

Professor Jozef Skokan

Combinatorics; graph theory; discrete geometry; extremal set theory.

Professor Gregory Sorkin

Random graphs, discrete random structures, combinatorial optimisation, phase transitions, probability. Applications in engineering, OR, other areas.

Professor Bernhard von Stengel

Game theory; equilibrium computation; algorithms; linear inequalities; discrete mathematics.

Professor Konrad Swanepoel

Combinatorial and discrete geometry, convex geometry and the geometry of normed spaces, shortest geometric networks.

Professor László Végh

Algorithms and optimization, algorithms for problems related to network design, and equilibrium computation, particularly on strongly polynomial computability.

Dr Luitgard Veraart

Financial mathematics, statistics in finance, risk management, systemic risk, networks, financial regulation.

Dr Nicola Wittur

Information Theory, Game Theory (Repeated Games and Entropy).

Dr Giacomo Zambelli

Combinatorial optimisation; integer programming; mathematical programming; operations research.

Professor Mihail Zervos

Mathematical finance and economics, stochastic control and optimisation, stochastic analysis.



Studying and Academic Support

Your Academic Mentor

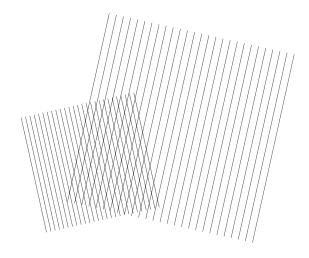
At the start of term all students will be assigned an Academic Mentor. Your Academic Mentor will:

- Provide you with academic guidance and feedback on your progress and performance.
- Discuss any academic problems you may be experiencing.
- Provide pastoral support on non-academic issues and refer you, as necessary, to sources of support within the School.
- Meet with you regularly and maintain regular contact with you outside of meetings.
- Likely be one of the people that will write reference letters for you in future, so it is important that they get to know you well.

During your first few weeks, you must contact your Mentor to discuss and agree your choice of courses. After this initial meeting, you should arrange other meetings your Mentor at least once or twice in each term. They will contact you to set up these meetings, unless you wish to discuss something more urgently.

Mentors will be able to discuss with and advise you on a range of academic and pastoral issues. These can include: academic progress; course choices; deferral; exams; and personal circumstances. Academic Mentors are also one of the first faculty points of contact if you are facing difficulties with your studies. Academic Mentors will treat all information you give them with the appropriate level of confidentiality, although sometimes it may be necessary for your Mentor to discuss information with other relevant members of staff.

Note that your Academic Mentor is not responsible for assisting you with administrative problems. If something is wrong with your registration, timetable, etc., you should contact the **Student Services Centre** or **Rebecca Batey**.



Programme Director

The Programme Director for the MSc in Operations Research & Analytics for this year is **Professor Gregory Sorkin**.

The Programme Director is in overall charge of the tutorial system for your degree, and is also responsible for monitoring the progress of students. They approve outside options, as well as any special arrangement requests.

In most cases you should consult your Academic Mentor before seeing the Programme Director. If you have difficulties communicating with your Academic Mentor, you can contact the Programme Director to discuss the situation further. In exceptional circumstances, where you feel the Programme Director is unable to help, you are welcome to instead consult the Head of Department.

Equity, Diversity and Inclusion Officer

The School's commitment to equity, diversity and inclusion is one of its strategic priorities and one of the core principles set out in the School's Ethics Code. The Department of Mathematics' equality officer is Dr Albina Danilova. For more information please see here: Ise.ac.uk/Mathematics/EDI

Lectures, Seminars and Classes

Mathematics courses taught by the Department are taught by means of lectures, seminars and classes. For each course there are usually two lectures per week during the two main teaching terms (most half-unit courses run for one term/11 weeks of teaching). For each course, you will also be assigned to a class or seminar once a week. Classes normally start in week two of the term and attendance is compulsory. Teaching arrangements on courses run by other departments may be different, so check the course guide for more information.

Postgraduate Study Room

At the time of writing, we are unable to guarantee that the MSc Study Room will be open in Michaelmas Term 2020/21. We will provide further information when it is available.

During a normal term, you will have access to the Department of Mathematics study room for MSc students. This room is COL.2.12 (on the 2nd floor of Columbia House) and is available 07:00-00:00 on weekdays, and 08:00-22:00 on weekends. You will need your ID card for access to the building and to the room.

Graduation Ceremonies

The Graduation Ceremony for MSc Operations Research & Analytics students takes place in December, with the ceremony held on campus in the Peacock Theatre. The Student Services Centre emails invitations, which include details of the ticket booking process, are emailed to students 5-6 months before the ceremonies are scheduled to take place. The ceremony itself usually lasts 60-80 minutes and is immediately followed by an on-campus drinks reception with the Department.

Please note that at the time of writing, future graduation celebrations may be held online due to the pandemic. For more information, including the dates of future ceremonies and details of the School's overseas ceremonies, please see: lse.ac.uk/ceremonies





Programme Structure

Paper	Course	Course Title	
1	MA423	Fundamentals of Operations Research (0.5)	
2	MA424	Modelling in Operations Research (0.5)	
3	ST447	Data Analysis & Statistical Methods (0.5)	
4	Two of the following:		
and 5	MA402* or MA434* MA407** or MA421 MA427 MA428 MA429	Game Theory I (0.5) or Algorithmic Game Theory (0.5) Algorithms & Computation (0.5) or Advanced Algorithms (0.5) Mathematical Optimisation (0.5) Combinatorial Optimisation (0.5) Algorithmic Techniques for Data Mining (0.5)	
6	One of the following		
	MA431	Advanced Topics in Operational Research and Applicable Mathematics (0.5) – not available 2020/21	
	MA433	Mathematics of Networks (0.5)	
	MG409*	Auctions & Game Theory (0.5)	
	MG422*	Thinking Strategically (0.5)	
	MG455	Decisions, Biases & Nudges (0.5)	
	ST422	Time Series (0.5)	
	ST449	Artificial Intelligence and Deep Learning (0.5)	
	_	Another course from those listed under Paper 4	
	_	Any other MSc-level courses, with approval of the Programme	
		Director and the Course Convenor	
	One of the Following		
7	MA425	Project in Operations Research & Analytics (1.0)	
	MA426	Dissertation in Operations Research & Analytics (1.0)	

Notes:

- A student may be exempted from a course specified in Paper 1, 2, or 3, at the discretion of the Programme Director and upon supplying satisfactory evidence to the course convenor of previous study of the course's content. A student shall replace such a course with another module, chosen subject to approval of the Programme Director.
- * Students may choose at most one of the following three optional courses as part of this programme: MA402, MA434, MG409 and MG422.
- ** Students may take at most one of MA407 and MA421 under Paper 4/5 but may take the other under Paper 6



Timetable Outline

The table below indicates which term(s) relevant courses will fall under during the 2020/21 academic year. Compulsory courses are underlined. Details about provisional timetables can be found on the School's website lse.ac.uk/current-students/timetables

Michaelmas Term	Lent Term	
Paper 1-3		
MA423: Fundamentals of Operations Research		
MA424: Modelling in Operations Research		
ST447: Data Analysis & Statistical Methods		
Papers 4-5		
MA402: Game Theory I	MA434: Algorithmic Game Theory	
MA407: Algorithms & Computation	MA421: Advanced Algorithms	
	MA427: Mathematical Optimisation	
	MA428: Combinatorial Optimisation	
	MA429: Algorithmic Techniques for Data Mining	
Pa	per 6	
MA433: Mathematics of Networks	MG409: Auctions & Game Theory	
ST442: Time Series	MG422: Thinking Strategically	
	MG455: Decisions, Biases & Nudges	
	ST449: Artificial Intelligence and Deep Learning	
Paper 7		
MA425: Project in Operations Research & Analytics		
MA426: Dissertation in Operations Research & Analytics		

MA425: Project in Operations Research & Analytics

The focus of this course is a three-month summer consultancy project for one of our client organisations (government, consultancy, finance start-up etc.). These are real projects addressing real client needs, a chance to put what you have learnt to good use! Lectures, seminars and tutorials give you the necessary consultancy skills and help you write your 40-page final report. The course coordinator will work with you to understand your strengths and preferences and allocate you to a project that reflect your interests (where possible).

MA426: Dissertation in Operations Research & Analytics

This course is a 10,000-word dissertation which allows students to pursue an independent piece of research within the field of Operations Research. It may be either a theoretical or empirical piece of research, and students must obtain the approval of their advisor before embarking on any research.



Assessment

This section is about the various forms of assessment that you might encounter during your studies. For 2020/21, all homework and coursework will be submitted online. Exams in January 2021 will take place online and at the time of writing, all exams in Summer 2021 may also take place online.

- Formative assessment takes place on all courses, but does not count towards your final results. In mathematics courses, this will usually take the form of exercises.
- Summative assessment can take several different formats, and does count towards your final results. Most MSc courses are primarily assessed by an unseen written exam in the Summer Term, or a project or a piece of coursework. A half unit course (0.5) is usually assessed by a two-hour exam and a full unit course (1.0) by a three-hour exam.

Please note in order to be considered for a degree, a student **must have attempted** and completed all components of summative assessment as outlined in the Taught Masters regulations.

Exams

Most of the courses you will take as part of your degree will be in mathematics. Other Departments have their own traditions and arrangements for assessment, and students are directed to the appropriate Departments to find more about these.

Mathematics courses at LSE are assessed primarily by written, unseen, closed-book exams, although some courses include a specified amount of assessed coursework. The Department of Mathematics has general guidelines on assessment criteria, which provides broad descriptions of the meaning of marks awarded on our exams. You can read the MSc Operations Research & Analytics regulations here.

Also informative is the national **QAA Subject Benchmark Statement for Mathematics**, **Statistics and Operational Research**. Whilst primarily aimed at undergraduate courses, much of what they say will also apply at graduate level:

Marking Criteria

There are specific assessment criteria for dissertation and larger pieces of assessed coursework. Smaller pieces of assessed coursework are likely to resemble homework exercises in style and nature. One purpose of the marking and grading of these earlier in the course is to inform students about what is expected from them in assessed coursework, as well as exams.

Coursework will be assessed on accuracy and understanding of the material. It is LSE Policy that students should be given some feedback on assessed coursework. This will often form 'collective feedback', i.e. indications of common errors and parts of questions that were answered particularly well or badly. The exact format of such feedback is at the discretion of the course convenor.

Assessed Coursework

In some courses, you will be set one or more pieces of coursework, a project or assignments as part of the summative assessment of that course. The lecturer responsible for the course will tell you the nature of any assessed coursework at the beginning of the course. They will also mention roughly when the coursework will be set, and the due date for coursework submission.

Assessed coursework is marked according to the same procedures as the summative exams in Summer Term. It usually involves a second Examiner as well as the Department's External Examiner and the marking of coursework is done anonymously. In a normal term, you would submit your coursework and plagiarism statement to the Department's Office. However, for the foreseeable future all coursework and documents will be submitted online.

Do not write your name or Student ID Number (e.g. 202012345) on any piece of assessed coursework you are submitting – **only your 5 digit Examination Candidate Number** (e.g. 12345) which can be found on LFY. The Departmental Office will have a record of candidate numbers and names to ensure that a proper record is kept of the submission of coursework.

Please note, students who do not submit their summative coursework will be considered not to have completed the degree as set out in Paragraph 35 of the **General Academic Regulations**.

Penalties for Late Submission of Coursework and Plagiarism

The School has a clear and strict policy on the late submission of any assessed coursework that counts towards your final degree marks. This information is laid out in Paragraph 55 of the General Academic Regulations for Taught Masters Degrees.

If a student fails to submit by the set deadline (or extended deadline appropriate) the following penalty will apply: 5 marks out of 100 will be deducted for coursework submitted within 24-hours of the deadline and a further 5 marks will be deducted for each subsequent 24-hour period (working days only) until the coursework is submitted.



Assessment Criteria

The Department has the following general guidelines on assessment criteria, which provide broad descriptions of the meaning of marks awarded on our exams.

Mark	Grade Descriptor	Characteristics
1-9	Bad Fail	 Nothing presented or completely incorrect information or answers contain nothing at all of relevance No evidence of understanding
10-19	Bad Fail	 Very little information or information that is almost entirely incorrect or irrelevant Very little evidence of understanding
20-29	Fail	Little understanding evidenceVery limited competence in core basic techniques of
30-39	• Some understanding evident, but no ability to grappl with anything other than a limited range of very routine questions	
40-49	Fail	 An acceptable demonstration of a basic understanding of and competence in the subject Some knowledge of, and application of, relevant methods and techniques A basic range of information and knowledge
50-59	Pass	 A sound understanding of the subject Knowledge of, and some application of, relevant methods and techniques A standard, and largely accurate, range of information and knowledge deployed May demonstrate ability to grapple with standard problems, but limited capacity to solve more unusual



60-69	Merit	 A clear understanding of the subject Competent application of relevant methods and techniques Wide and accurate range of information and knowledge deployed
70-79	Distinction	 A thorough understanding of the subject Deft application of relevant methods and techniques Extensive range and consistent accuracy of information and knowledge A significant capacity to solve more unusual or
80-89	Distinction	 A deep understanding of the subject Mastery of relevant methods and techniques Highly extensive range and consistent accuracy of information and knowledge An impressive ability to solve more unusual or demanding questions involving application of deep
90-100	Distinction	 A comprehensive and deep understanding of the subject Mastery of relevant methods and techniques and an ability to deploy them with flair Very extensive range and consistent accuracy of information and knowledge

Feedback

Lecturers, class teachers and academic mentors hold regular office hours and are on hand to answer queries throughout the term and provide feedback. They also provide specific written feedback on LSE for You (LFY). Submitting all your homework for marking is also an excellent way of ensuring you get regular feedback.

What is feedback?

- It is part of learning providing your with ideas and information about how to make improvements
- It is a dialogue between you and all those other people you come across in your learning, who help you develop and understand ideas.
- It is a joint responsibility you need to be an active player, not a passive recipient!

How can feedback help you?

- It helps you improve the particular assignment you are working on.
- It gives you useful pointers for subsequent work.
- It helps you understand the criteria that will be used to assess you in exams and coursework, where the grade counts towards your degree result.
- It is an opportunity to reflect and plan what actions you need to make next.
- It motivates you to reach your potential.

How is feedback provided?

You will get feedback on all sorts of work:

- Problem sets
- Mock exams, 'exam type' assignment and tests
- Your contributions to class discussions
- Your participation in Moodle discussion fora
- · Questions you raise in lectures or online
- Class presentations
- Course essays
- Group projects
- Your work overall throughout the term

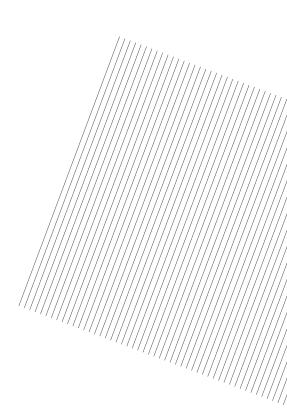


Feedback comes in many different forms:

- Written comments on work you've handed in
- Direct oral feedback from your class teacher
- Group feedback from your lecturer
- Information feedback from discussion with fellow students and teachers
- Online feedback (Moodle, email, LFY, etc.)

Feedback comes from a variety of sources

- Your class teachers and lecturers
- Your Academic Mentor
- Fellow students on your courses/programme
- Fellow students in your Hall/housing/neighbourhood





Useful Links

The following links contain information that you will find particularly useful, as well as being course specific:

MSc Operations Research & Analytics Programme Regulations:

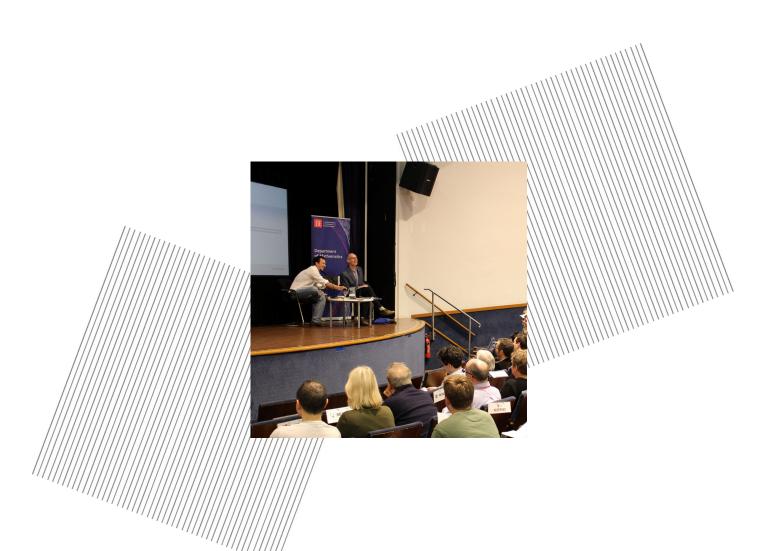
 $\underline{Ise.ac.uk/resources/calendar/programmeRegulations/taughtMasters/2020/MScOperationsResearch\&Analytics.htm}$

Local Rules for the MSc Operations Research & Analytics Programme:

lse.ac.uk/resources/calendar/LocalRules/MA/MA-OperationsResearchAnalytics.htm

Department of Mathematics Website:

lse.ac.uk/Mathematics





Personal and Professional Development

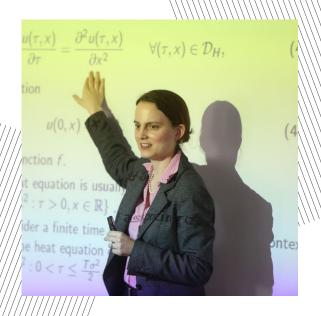
There are many ways in which LSE supports the personal development and wellbeing of students – both on and off campus.

In terms of events, there are lectures and group based workshops across the year on topics such as stress management, overcoming perfectionism and coping with personal difficulties. You can find more information on the links below:

<u>info.lse.ac.uk/current-students/student-wellbeing</u> <u>info.lse.ac.uk/current-students/lse-life</u> <u>info.lse.ac.uk/staff/divisions/Academic-Mentoring-Portal/Information-for-Students</u>

Women in Mathematics Seminar Series

The Department of Mathematics supports its staff and students by running a termly seminar series, which focuses on issues of interest to women in mathematics. For each seminar we invite a speaker to introduce their area of research or career to our students and discuss other issues of relevance to the group. While our female UG, MSc, PhD students and academic staff are especially encouraged to attend these seminars, everybody is welcome. Keep an eye on the website and your emails about upcoming seminars.



Academic Awards and Prizes

The Department of Mathematics likes to celebrate the achievements of its students, both academic achievements and community focused. The following prizes are available to be won by MSc Operations Research and Analytics students during their time at LSE.

Ailsa Land Prize

This prize, named after Professor Ailsa Land who is an Emeritus Professor of Operational Research at LSE, is awarded annually for the best overall performance by a student on the MSc Operations Research & Analytics. The prize consists of a monetary prize and a book.

More information can be found on the prize here:

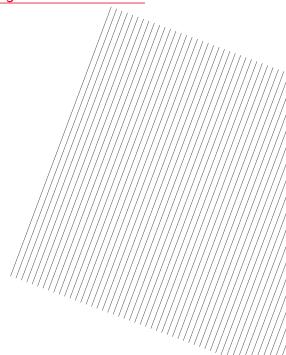
lse.ac.uk/Mathematics/Current-Students/Prizes/Aisla-Land-Prize

John Ying Wah Gibson Prize Fund

The fund is named in memory of John Ying Wah Gibson, a BSc Mathematics and Economics graduate from 2009, who passed away whilst running the Singapore Marathon in December 2016. John is remembered as a dedicated student who made excellent contributions to his cohort, in particular in offering support to his fellow students. The fund compromises of two awards, which are **The John Ying Wah Gibson Citizenship Prize** and **The John Ying Wah Gibson Voluntary Work Award**, which students can apply for or nominate other students for. These prizes are open to all Mathematics student taking undergraduate and postgraduate programmes.

More information can be found here:

Ise.ac.uk/Mathematics/Current-Students/Prizes/John-Ying-Wah-Gibson-Prize





Jargon Buster

Michaelmas Term

Otherwise known as Autumn Term, first semester or Fall Term, this is the first part of the academic year starting in September and finishing in December. You may see it written like this, or as 'MT' on some of your course documents.

Lent Term

Lent Term is also known as Spring Term or second semester and falls after the Christmas Break and the New Year. This usually lasts until the Easter Break, and after it is Summer Term. You may see it written as 'LT' on some of your course documents.

The School

This may seem obvious, but if someone says "the School" this is referring to LSE as a whole institution. They may also call it the university or just say LSE. All other names will refer to departments or divisions, which all form part of the wider School.

Director

Some other higher education institutions have Chancellors, Vice Chancellors or Presidents. Our equivalent here at LSE is a Director. Our Director is Dame Minouche Shafik (2017-present) who was previously an MSc student at LSE.

Programmes and Courses

At LSE, the term "programme" refers to your degree (e.g. MSc Financial Mathematics), whereas "courses" refer to the modules you take (e.g. MA417: Computational Methods in Finance).

Capped and Controlled Courses

Many graduate courses are designated as 'controlled access' due to limited places and/ or prerequisites that are required in order to study the course. Find out more here.

The Calendar

This is a resource used by everyone for regulations relating to a programme, course and other aspects of their study. You would find the 'Course Guide' for a course, or your regulations for your programme here: lse.ac.uk/resources/calendar



Useful Information

Location of Departments

Language	20 Kingsway – Ground Floor	020 7955 6713	languages@lse.ac.uk
Mathematics	Columbia House – 4th Floor	020 7655 7732	Maths.Info@lse.ac.uk
Management	New Academic Building – 3rd Floor	020 7106 1203	dom.reception@lse.ac.uk
Statistics	Columbia House -6 th Floor	020 7107 5416	statistics@lse.ac.uk

Please note that at the time of writing, the LSE Campus is not open. We would encourage students to contact Departments via email in the first instance.

Important Contacts

Accommodation Office	accommodation@lse.ac.uk
Careers Office	careers@lse.ac.uk
Crime Reporting/Campus Security	020 7955 6200
Fees Office	020 7955 7765
Financial Support Office	financial-support@lse.ac.uk
IT Information and Help Desk	020 7107 5000 / techsupport@lse.ac.uk
Library Enquiries	library.enquiries@lse.ac.uk
London Nightline (6pm-8am)	020 7631 0101
LSE LIFE	lselife@lse.ac.uk
Student Wellbeing Service	020 7955 7567 / 020 7852 3627
Student Services Centre	seportal.force.com/studentservices/s/
	enquiry-form
Students' Union - Advice and Counselling	su.advice@lse.ac.uk
St Philips Medical Centre	020 7611 5131

See also: Ise.ac.uk/People/Search-People



Key information

Term dates and LSE closures – academic year 2020/21

Registration

Student Services Centre

Student representation

Quality assurance

LSE services to support you with your studies and in your career

Equity, Diversity and Inclusion (EDI)

Your wellbeing and health

Exams and assessments

<u>Plagiarism</u>

Results and classification

Fees and finance

Codes and charters

Systems and online resources

Course selection and timetables

LSE Campus



At LSE, you don't just get to study our changing world, you can see it and experience it. With history being made every day, why would you want to be anywhere else?



Term dates and LSE closures

Academic year 2020/21

Michaelmas Term (MT)

Monday 28 September - Friday 11 December 2020

Lent Term (LT)

Monday 18 January - Thursday 1 April 2021

January Exams: Monday 11 – Friday 15 January 2021

Summer Term (ST)

Tuesday 4 May - Friday 18 June 2021

Summer Exams: Monday 10 May - Friday 18 June 2021

LSE will be closed during the following periods:

Christmas Closure

Wednesday 23 December 2020 - Friday 1 January 2021

Easter Closure

Friday 2 April – Thursday 8 April 2021

May Bank Holiday: Monday 3 May 2021

Spring Bank Holiday: Monday 31 May 2021

Summer Bank Holiday: Monday 30 August 2021



Registration

It is essential that you are fully registered on your programme during your time at LSE. When you arrive on campus for the first time you will need to do an in-person verification and collect your LSE Card. Usually you can re-register for subsequent years of study online, but sometimes we may need to see you in person again. For more information visit **lse.ac.uk/registration**

Your LSE Card

Your LSE card provides access to buildings and acts as your Library card. It is important that you keep it safe and never share it with anybody else. If your LSE card is lost, stolen or damaged visit Lse.ac.uk/studentidcards to find out how to get a replacement.

Inclusion plans

If you have a disability, long-term medical or mental health condition you are advised to apply for an Inclusion Plan (IP) as soon possible. The earlier that you let the Disability and Wellbeing Service (DWS) know about your condition the earlier they can work with you to put appropriate support in place. Advisers in DWS can potentially set up one-to-one learning support, mentoring and help you access assistive technology designed to remove barriers to studying. For more detailed information about Inclusion Plans, and to apply for an Inclusion Plan, visit Ise.ac.uk/inclusionplans

Student status documentation

During your time at LSE you may need official documentation to prove that you are studying with us. A Certificate of Registration provides proof to organisations such as council tax offices, embassies and banks that you are registered as a current student at LSE. For more information about what a Certificate of Registration shows visit

lse.ac.uk/studentletters

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Your LSE card is an important piece of identification so please make sure you keep it safe, and never share it with anybody else.

Requesting a self-service Certificate of Registration

There is a self-service system for generating a standard Certificate of Registration. You can request a self-generated letter only once you have formally registered on your programme of study (ie, after you have attended your scheduled registration session and received your LSE card). The certificate will be automatically generated as a PDF and emailed directly to your LSE email address on headed paper. It will also be electronically stamped and signed.

Requesting a customised (bespoke) Certificate of Registration

Sometimes you might be asked to provide information that is not included on a standard Certificate of Registration. If this happens, you can request a customised (bespoke) letter. The customised (bespoke) certificate is also the option to select if you are a student awaiting registration, or if you require the certificate to apply for a non-UK travel visa and the embassy of the country you plan to visit requires an original stamp and signature.

More information and making requests

During peak periods – such as at the start of the academic year, bespoke letters will take approximately five working days to produce. The Student Services Centre (SSC) also offers a range of other documents including Certificates of Course Selection and intermediate transcripts. Some can be produced immediately, and others need to be ordered in advance. Please note that your department will not be able to produce a Certificate of Registration for you.

For more information about the types of documents available, and to access the Enquiry Form to make your request, please visit **lse.ac.uk/studentletters**

Interruption

You can take a year-long break in your studies (which we call an interruption) with approval from your academic department and the School. You are usually required to return at the start of either Michaelmas Term or Lent Term as appropriate. Summer Term interruptions are not possible. For more information visit Ise.ac.uk/interruptions

Programme transfer

You can request to transfer from your current programme to another programme at the same level according to the School's regulations. There are usually restrictions or conditions on transferring programmes, and sometimes transfers are not possible. All transfer requests require the approval of the new academic department you wish to transfer into, and the School, before being authorised. For more information visit **lse.ac.uk/programmetransfers**



Change of mode of study

If you are studying a master's programme, and your circumstances change, meaning that you need to adjust your study from full-time to part-time, you will need to seek authorisation from your academic department. Changing from full-time to part-time study is generally acceptable, and your course selection will be amended according to programme regulations. Your fees will also be amended. Changing from part-time to full-time may not always be possible and requests will be considered on a case-by-case basis. It is not normally possible to study an undergraduate programme on a part-time basis. For more information visit **lse.ac.uk/changemode**

Withdrawal

Withdrawing means that you are leaving your programme permanently. Before withdrawing you may want to consider interruption so that you have some time to consider your options. For more information visit **lse.ac.uk/withdrawal**

Regulations

You should familiarise yourself with the LSE regulations, policies and procedures that cover many aspects of student life. Some of the regulations explain the organisation and conduct of your academic study. These include information about the structure of your programme, assessment requirements, the basis on which your final degree is calculated and what to do if you face exceptional circumstances.

Visit Ise.ac.uk/calendar for more information on:

- Appeals Regulations
- General Academic Regulations
- LSE Calendar
- Plagiarism
- Regulations for first degrees
- Regulations for taught master's degrees

You can find a full A-Z listing of all of LSE's policies and procedures online at **lse.ac.uk/policies**





Student Services Centre

The Student Services Centre (SSC) is located on the ground floor of the Old Building and can provide advice and information about:

- Support for new arrivals
- Student status documentation
- Course selection and class changes
- LSE cards
- TfL 18+ Student Oyster Photocards
- Exams and assessment
- Results
- Programme registration transcripts and degree certificates
- Graduation

The SSC Counter is normally open between 11am and 4pm, Monday to Friday. For the most up to date opening hours visit **lse.ac.uk/ssc**

The SSC also hosts specialist drop-in sessions run by the following teams:

- Fees, Income and Credit Control Office
- Financial Support Office
- Graduate Admissions Office
- International Student Visa Advice Team

These sessions run for an hour at various times during the week so be sure to check when the next session is running. In most cases you will need to sign up to attend a session. For more information visit **lse.ac.uk/ssc**

To find out more about the Student Services Centre visit Ise.ac.uk/ssc, follow our page on the Student Hub and follow @LSE_SSC on Twitter





What if...

The SSC have developed a series of answers to common "What if..." questions. These cover a broad range of topics including what to do if you're unwell during an exam; become pregnant; change your name; are not happy with your marks or want to change degree programme. You can find these questions and answers at info.lse.ac.uk/current-students/what-if

Advice team

The SSC has a dedicated Advice Team that can provide advice on academic matters (particularly around non-progression, interruption, withdrawal, regulations and exams). If you are not sure who to contact about a query or question then the Advice Team will be happy to help. You can contact the Advice Team via the enquiry form at info.lse.ac.uk/current-students/student-services/advice-team or by phone on **020 7955 6167**.

International Student Visa Advice Team (ISVAT)

ISVAT provide detailed immigration advice for international and EU/EEA students on their website which is updated whenever the immigration rules change. The best way to contact ISVAT is to use the query form at Ise.ac.uk/isvat or to attend one of their drop-in sessions.

ISVAT also manage funding and student/staff exchanges through the Erasmus+ scheme. For more information visit **Ise.ac.uk/erasmus**

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We are the only team trained and regulated to give immigration advice at LSE, under the Office of the Immigration Services Commissioner guidelines. 99

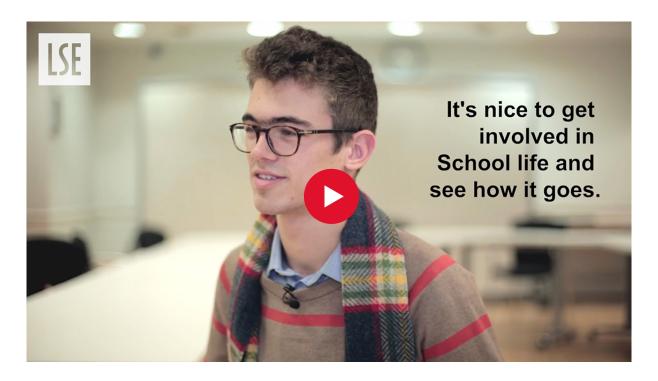


Student representation

Student-Staff Liaison Committees and Student Consultative Fora

Student-Staff Liaison Committees (SSLCs) are one of the most important bodies in the School. Their purpose is to create a forum for students to discuss their experiences, both in and outside of the classroom, with LSE staff. SSLCs are a shared, collaborative endeavour between Departments, the Students' Union, central School Services, and, most importantly, students themselves.

At the start of the year you will be asked by your department if you would like to represent your programme on the SSLC as a Student Academic Representative.



More information, including access to minutes from SSLCs across the School can be found online at info.lse.ac.uk/current-students/part-of-lse/student-voice

Lunchtime O&As with LSE directors

LSE Director Minouche Shafik hosts lunchtime Q&As with members of the School leadership team, where you can discuss your experience as a student with LSE directors.

The Q&As are an opportunity for students from across the School to hear from the Director in person and give you the chance to ask questions, raise suggestions and voice any concerns. Look out for details of where and when the Q&As will be happening.



Quality assurance

Quality assurance strategy

LSE's approach to assuring the quality of our teaching is set out in the Strategy for Managing Academic Standards and Quality which can be found online in the "quality assurance (internal)" section of the website at Ise.ac.uk/tqaro. As an awarding body LSE must be in a position to assure the standards of its degrees. At the same time, we believe that the design of quality assurance should respect different departmental cultures and academic histories. The strategy sets out broad principles and processes for assuring academic standards and for enhancing the quality of educational provision. As of the 2018/19 academic year this includes devolved quality assurance arrangements, with responsibility for the oversight and modification of existing provision resting with Departmental Teaching Committees. The Teaching Quality Assurance and Review Office (TQARO) supports the activities of the Education Committee and several of its sub-committees, with further details available in the "Committees" section of the website at Ise.ac.uk/tqaro

Student teaching surveys

In both Michaelmas Term and Lent Term TQARO conducts course-level surveys to assess students' opinions of teaching.

Course survey scores are made available to teachers, Heads of Departments, the Director of the Eden Centre, the Pro-Director (Education) and the Pro-Director (Faculty Development). In addition to producing reports for individual teachers TQARO produce aggregated quantitative data for departments and School-wide bodies. The results can be found online in the "Surveys" section of the website at Ise.ac.uk/tgaro

TQARO also conducts annual programme-level surveys of undergraduate and taught master's programmes and supports LSE's participation in the National Student Survey in coordination with the Communications Division and academic departments.



LSE services to support you with your studies and in your career

LSE LIFE

LSE LIFE is the place to develop the skills you'll need to reach your goals at LSE, whether they concern your academic work or other personal or professional pursuits. LSE LIFE is here to help you find your own ways to study and learn, think about where your studies might lead you, and make the most of your time at LSE. **LSE LIFE offers:**

- Hands-on practical workshops and online resources for effective reading, academic writing, critical thinking, managing your dissertation research, organising your time, and other key areas of university work. Workshops to learn ways to adapt and thrive in new or challenging situations, including developing skills for leadership, creating study/work/life balance, and thinking about life beyond university.
- One-to-one appointments with our study advisers for personalised advice on any aspect of your studies at LSE, or simply to talk through your ideas for research or other projects.
- **Specialist advice** in areas like CV writing, English language, finding and referencing academic sources, research ethics and data management, statistics, and more offered on a one-to-one basis by colleagues and services across LSE.
- A space to meet and work together with students from other courses and departments.
- Group visits and walks to take advantage of what LSE and London have to offer.

Find out more at <u>lse.ac.uk/lselife</u>, check out workshop materials and other resources on Moodle or just drop by – LSE LIFE is on the ground floor of the Library.





LSE Library

LSE Library holds one of the most important social science collections in the world and has all the material that you need for your studies and research.

Most items are split into collections to help you find what you are looking for:

- **The course collection** is located on the first floor, holding multiple copies of essential textbooks for your courses. It will have most of your required readings.
- **The main collection** is housed across three floors, holding wider items for social sciences research.

You can use Library Search to find books and other materials for your studies via Ise.ac.uk/library. Once you have found what you need, write down its location to help you find it in the Library. To borrow books, use your LSE card and the self-service machines on the ground floor. Taught students can borrow up to 20 books at any one time. You can renew your books online by logging into your Library account at Ise.ac.uk/library. If you do not return books on time, you will be unable to borrow any more until your overdue item is returned or renewed.

Academic Support Librarians provide subject expertise and personalised support. They also host workshops to help you identify, find, manage and evaluate the information needed for your studies and research. You can find out who your Academic Support Librarian is at Ise.ac.uk/academicsupportlibrarian. Our online resources guide will save you time and help you find the most relevant resources: Ise.ac.uk/library/subjectguides



Language Centre

Whether you are an international student looking for support with your English, interested in taking a Language Centre course as part of your undergraduate degree, or want to learn or improve a language, the Language Centre can help.

If English is not your first language, there are plenty of ways you can improve and practise using the English language for your academic work. English for Academic Writing courses are available for any undergraduate or postgraduate student who does not have English as a first language and would like a weekly English language class to help with academic writing for coursework. This support is delivered with LSE LIFE Ise.ac.uk/Iselife

You may be eligible to take a language, literature or linguistics course as part of your degree. As an LSE student you can also sign up for a non-degree language course at a discounted rate. As part of the LSE Language Policy, if you are a UK-EU undergraduate and you do not have foreign language at GCSE Grade 4 (or equivalent), you are eligible to take a course for free!

For more information visit Ise.ac.uk/languages

LSE Careers

LSE Careers is here to help guide, support and work with you throughout your time at LSE. We provide a range of careers services and events both online, face-to-face and through one-to-one appointments. We have a jobs board and offer bespoke services for disabled students and PhD students.

There is lots of information and support at **lse.ac.uk/careers** including:

- Information about the services offered by LSE Careers and how to access them
- Support with your career options and insight into employment sectors and recruitment processes
- CV, cover letter and application form advice and examples
- Details of what graduates have gone on to do

LSE CareerHub, our online careers portal, allows you to:

- Discover jobs and opportunities
- Book one-to-one discussions to talk about your career options and receive feedback on your applications
- Explore upcoming events including employer and alumni insights, professional development skills sessions and recruitment events

You can access CareerHub at careers.lse.ac.uk

Keep up-to-date with events and advice by following @LSECareers



LSE Volunteer Centre

Volunteering is a great way to help develop new skills and meet new people while making a difference and the LSE Volunteer Centre is here to inspire and empower you to volunteer for causes that you are passionate about during your time at LSE.

We work with multiple organisations to provide you with short term and long term volunteering opportunities across London, the UK and internationally. We also know that students are busy, so we run a comprehensive one-off volunteering programme to make sure you can fit it in. You can find out more about this, as well as the advice and support we can offer, at Ise.ac.uk/volunteerCentre or by following @LSEVolunteering.



LSE Generate

LSE Generate is the home of entrepreneurship at LSE.

We aim to support and scale socially-driven student and alumni ventures, here in the UK and across the globe. We welcome all students and alumni, from those eager to develop and learn entrepreneurial skills to LSE entrepreneurs who have already launched their ventures and need support and advice from the team. Join us for our events, enter the Generate funding competition, pop by and meet us in our co-working space and access all our start-up resources for free. Discover more on our website Ise.ac.uk/generate or keep up to date with Generate news through our social media @LSEGenerate





Equity, Diversity and Inclusion (EDI)

What is EDI?

One of our guiding principles in Strategy 2030 is to sustain excellence through an inclusive and diverse community. We work to build a School – and a society – in which everyone is able to fulfil their potential, and everyone's contribution is valued.

We aim to ensure that your university experience celebrates and cherishes difference. Through our events ranging from "How to be Good in Bed", a game show by Consent Collective with an expert panel to discuss sex, consent, and relationships, to celebrating Black History Month, LGBT+ History Month and International Women's Day, we have consistently demonstrated our commitment to an inclusive LSE. Support and resources available:

Safe Contacts: LSE Safe Contacts are members of LSE staff who have received training and can offer a confidential "signposting" service for staff and students who have previously or are currently experiencing some form of bullying or harassment. Find out more at **Ise.ac.uk/safecontacts**

Report it Stop it: If you have experienced, or witnessed, any form of violence or harassment and you want to report this to LSE, you can directly do it by using the online form Report it Stop it. This report can be completely anonymous. Find out more at info.lse.ac.uk/making-a-choice/report-an-incident

Ethics Module: This online module has been designed for the whole School community with the aim of increasing understanding of the Ethics Code, the range of ethics policies that support the ethics principles, how they can be applied, and the importance of creating a culture in which individuals can and do raise any concerns that they may have.

Consent Collective: This has resources to help people understand consent, learn about sexual harassment, find out how to support people who have experienced sexual violence, learn how to support themselves if they've experienced sexual or domestic abuse, and learn how to be an active bystander in their community.

AccessAble: Our partnership with AccessAble will help us to be proactive in improving the accessibility of our buildings, at a time when the LSE estate is undergoing major physical change.

LGBT+ Role Models and Allies Directory: Being an LGBT+ role model at LSE is about being a visible member of the LGBT+ community and a champion for LGBT+ issues.

If you would like to find out more about these and other initiatives and the information and support available to you, please contact EDI on edi@lse.ac.uk, visit lse.ac.uk/
equitydiversityinclusion and follow us on Twitter @EDI_LSE



Your wellbeing and health

Student Wellbeing Service (SWS)

SWS brings together two key student facing services; the Disability and Wellbeing Service (DWS) and the Student Counselling Service (SCS). SWS also facilitates the Peer Supporter Scheme. SWS aims to provide you with a single integrated source of help and assistance.

SCS provides a professional, free and confidential service to help you with any problems that you may be experiencing. You can speak to them about academic stresses, as well as personal and emotional difficulties. Visit Ise.ac.uk/counselling to book an individual appointment, read about drop-in appointments or find out about groups and workshops.

DWS are the first point of contact for students with disabilities, long term medical and mental health conditions, and Specific Learning Difficulties such as dyslexia. DWS can help you to create an Inclusion Plan which is a way of putting in place agreed "reasonable adjustments" to support your studies. Visit Ise.ac.uk/disability to find out more.

Peer Supporters give you the opportunity to talk to fellow students about anything that is worrying you. Peer Supporters are trained to offer confidential emotional support, help and reassurance. You can find out more about the scheme and arrange a chat with a Peer Supporter at Ise.ac.uk/peersupport

There are so many ways to get involved at LSE, try to make the most of these chances.



Health care in the UK

You are likely to need to access medical care while you are at LSE, even if this is just for routine appointments. In the UK most health care is provided through the National Health Service (NHS).

You are typically eligible for free treatment on the NHS if you fall into one of the following categories:

- You are a UK resident
- You have a Tier 4 visa and have paid the immigration health surcharge
- You are an EU/EEA student with a European Health Insurance Card (EHIC)
- You have applied for the EU Settlement Scheme and hold either Pre-settled or Settled status

This list is not exhaustive and was correct at the time of print. The UK Council for International Student Affairs maintains an up-to-date listing on their website available at **ukcisa.org.uk**

If you are unfamiliar with the NHS search for "NHS Services explained" to find out more. You are usually required to register with a local General Practitioner's (GP) surgery before you can book an appointment. You should register as soon as possible and not wait until you are unwell. The nearest GP surgery is St Philips Medical Centre who are based on the second floor of Pethick-Lawrence House. This surgery will register most LSE students. For more information about the services offered and how to register please visit www.stphilipsmedicalcentre.co.uk or call **020 7611 5131**. Alternatively, you can find your nearest GP by using the GP finder function on the NHS website available at nhs.uk

As well as dispensing medicines, pharmacies can also offer advice on common health problems. You do not need to make an appointment, just visit a pharmacy and ask to speak to the duty pharmacists. In an emergency you should dial **999** to call an ambulance. You can also visit your nearest accident and emergency (A&E) department at your local hospital or visit an Urgent Care Centre.

There is a lot more information about Health Care, including details about dentists and opticians, available at Ise.ac.uk/studenthealth



LSE Faith Centre

The Faith Centre is open to students of all faiths and none. It is home to LSE's diverse religious activities, transformational interfaith leadership programmes, and a space for worship, prayer and guiet reflection.

Finding your feet

It can be challenging arriving in a new city for a new start. We want to help you settle in to London and find a community that suits you – and there are lots of options! We provide a space for student faith societies to meet, worship and plan their activities. Details of contact information for faith groups can be found in our *Religion and Belief Guide*. Pick up a copy from the Faith Centre Reception on the second floor of SAW or check out <code>lse.ac.uk/faithcentre</code>

Wellbeing

We host a range of activities including Mindfulness, Yoga, Ashtanga Yoga and Tai Chi. Class details can be found on the "Wellbeing" page at Ise.ac.uk/faithcentre. You can also come and sit in the Faith Centre main space for personal prayer and reflection.

Support

You can contact the Faith Centre Director and Chaplain to LSE, Revd Dr James Walters, on j.walters2@lse.ac.uk for confidential support regardless of your religion or belief. You can also find contact details for our team of Associate Chaplains on our "People" page at lse.ac.uk/faithcentre

Interfaith Leadership Programmes

Learn more about our interfaith leadership programmes on the "Programmes" pages at Ise.ac.uk/faithcentre. They are your chance to explore, question and challenge religious differences, and provide unique opportunities to build relationships and transform attitudes across faiths.





Exams and assessments

Candidate numbers

Your candidate number is a unique five digit number that ensures that your work is marked anonymously. It is different to your student number and will change every year. Candidate numbers can be accessed in early Michaelmas Term using LSE for You. Further information about LSE for You can be found in the Systems and Online Resources section.

Systems and Online Resources section

Exam timetables

Course by course exam timetables will be available online at Ise.ac.uk/exams. For January exams the timetable is usually available towards the end of Michaelmas term, for summer exams it is usually available in Lent Term and for students taking in-year resit and deferral exams, it is usually available in late July. Closer to each exam season, you will also be given access to a personal exam timetable with your room and seat numbers in LSE for You.

Exam procedures

Anybody taking exams at LSE must read the Exam Procedures for Candidates. It contains all the information that you need to know and is updated each year. The document is less than ten pages and covers topics ranging from candidate numbers to permitted materials to what to do if things go wrong. You can download your copy at Ise.ac.uk/exams

You may only use a calculator in an exam if this is permitted by the relevant academic department. If you are permitted a calculator, it must be one of the approved models. For more information on the types of calculators allowed, please visit Ise.ac.uk/exams. If you bring an alternative model it will be removed by invigilators and no replacement will be given. The permitted calculators are readily available in many supermarkets, online retailers and in the LSE Shop.



Individual exam adjustments

Individual Exam Adjustments (IEAs) can be made if you have a documented medical, physical or mental health condition and/or a specific learning difficulty such as dyslexia or dyspraxia. The purpose of IEAs is to provide an environment that gives all students an equal opportunity in exams. These adjustments are confidential and will not be listed on your degree certificate or transcript. In most cases you should apply for IEAs as part of getting your Inclusion Plan in place. However there is a different process for applying for IEAs for short-term, unexpected, conditions. For more information visit Ise.ac.uk/iea

Deferral

If you have difficulties in the lead up to, or during, the assessment or exam then you can seek to defer the assessment or exam. You will need permission from the Chair of your Sub-Board of Examiners to do this. For more information visit Iseac.uk/deferral

Extension policy

If you have difficulties in the lead up to an assessment deadline but think you may be able to successfully submit if you had extra time, you can seek an extension request. You must make this request before the deadline has taken place and you will need permission from the Chair of your Sub-Board of Examiners to do this. For more information visit Ise.ac.uk/extensionpolicy





Exceptional circumstances

You should submit an Exceptional Circumstances Form and corroborating evidence to the Student Services Centre if there are any circumstances which may have affected your performance. These could include (but are not limited to):

- missing an assessment which you did not defer, or submitting an assessment late and incurring penalties
- experiencing difficulties which could have affected your academic performance in an exam or coursework
- adjustments such as IEAs, Inclusion Plans or deadline extensions being insufficient to compensate for the impact of your circumstances

The deadline to submit ECs is seven days after your final assessment in the academic year.

Submitting an Exceptional Circumstances Form is the only way for you to alert the Sub-Board of Examiners to the circumstances under which you completed the assessment or exam. For more information visit Ise.ac.uk/exceptionalcircumstances

Fit to sit policy

By submitting your assessment regardless of whether it is coursework, participation in a class presentation or sitting an exam, LSE considers that you have declared yourself fit enough to do so. If you have experienced disruption to your studies (illness, injury or personal difficulties for example) you must think carefully about whether you should attempt the assessment or whether you should consider requesting an extension or deferring the assessment. Requests for an extension or deferral must be made in advance of the assessment deadline.



Plagiarism

The work you submit for assessment must be your own and all source material must be correctly referenced. Plagiarism is not just submitting work with the intention to cheat. Plagiarism could occur simply as a result of failing to correctly reference the sources you have used. If you are found to have committed an assessment offence (such as plagiarism or exam misconduct) you could be expelled from the School.

Any quotation from the published or unpublished works of other persons, including other candidates, must be clearly identified as such. Quotes must be placed inside quotation marks and a full reference to sources must be provided in proper form. A series of short quotations for several different sources, if not clearly identified as such, constitutes plagiarism just as much as a single unacknowledged long quotation from a single source. All paraphrased material must also be clearly and properly acknowledged.

Any written work you produce (for classes, seminars, exams, dissertations, essays and computer programmes) must solely be your own. You must not employ a "ghost writer" to write parts or all of the work, whether in draft or as a final version, on your behalf.

For further information and the School's statement on Editorial Help visit **Ise.ac.uk/calendar**. Any breach of the Statement will be treated in the same way as plagiarism.

You should also be aware that a piece of work may only be submitted for assessment once (either to LSE or elsewhere). Submitting the same piece of work twice (regardless of which institution you submit it to) will be regarded as the offence of "self-plagiarism" and will also be treated in the same way as plagiarism.

Examiners are vigilant for cases of plagiarism and the School uses plagiarism detection software to identify plagiarised text. Work containing (or that contains) plagiarism may be referred to the Regulations on Assessment Offences: Plagiarism, which may result in the application of severe penalties.

If you are unsure about the academic referencing conventions used by the School you should seek guidance from your department, Academic Mentor, LSE LIFE or the Library as soon as possible.

The Regulations on Assessment Offences: Plagiarism can be found at Ise.ac.uk/calendar



Results and classification

Results

Final and provisional results are released through LSE for You. Final results are available once the relevant School Board of Examiners has ratified them. Provisional results are available for students taking January exams and for 12 month master's students.

Results are not released to students that have debts owing to the School. For more information on how and when results are released visit **lse.ac.uk/results**

Classification schemes

Degrees are awarded according to the classification scheme applicable to the year in which you started your programme. These schemes are applied by the Boards of Examiners when they meet to ratify your results. You can find the classification schemes at **lse.ac.uk/calendar**

Transcripts

Continuing students can request intermediate transcripts at the Student Services Centre immediately after ratified results have been published. Final transcripts are made available electronically which allows them to be easily shared. For more information about final transcripts please visit



lse.ac.uk/transcripts

Your degree certificate will be available for collection at Graduation or can be posted to you. For more information please visit **lse.ac.uk/degreecertificates**



Fees and finance

Fees

All administration around your fees is handled by the Fees, Income and Credit Control Team.

LSE offers two options for payment of fees. You can either pay them in full prior to registration or by payment plan. If you have not paid your fees in full before you register you will be placed on a termly payment plan. You are expected to pay one third of your fees by:

28 October 2020

28 January 2021

28 April 2021

If you do not know your tuition fees please visit Ise.ac.uk/tableoffees

To pay online or to find out about the different payment methods available, visit **lse.ac.uk/feepayments**

Please note you can access your financial details at any time to review your tuition and accommodation fees, invoices, payments and instalment arrangements by accessing the Finance Hub. Please visit our webpage to get full details lse.ac.uk/ficc

Unfortunately, it is not possible for you to pay in person.

The Fees, Income and Credit Control Office also run drop-in sessions at the Student Services Centre for students who wish to discuss fees and payment related enquiries.

For full details regarding tuition fees, charging policy, payment and instalment options, visit **lse.ac.uk/feespolicy**





Financial Support Office (FSO)

FSO are responsible for the administration and awarding of scholarships, bursaries, studentships and School prizes.

FSO can also provide information about hardship funds for current students such as the Student Support fund and the LSE Access fund. You can find out more about FSO and download application forms at Ise.ac.uk/financialsupport

FSO hold drop-in sessions in the Student Services Centre, and can be contacted by phone on **020 7955 6609** or by email at **financial-support@lse.ac.uk**

Cheque collection

Some payments are made by cheque.

FSO will provide details on how to receive your cheque. If you are asked to collect a cheque then you can collect it from the Student Services Centre during normal opening hours. You do not need to wait for a drop-in session. Please visit Iseac.uk/ssc for the latest information about opening hours.



Codes and charters

LSE Academic Code

LSE's Academic Code sets out what we are doing to deliver a consistent student experience across our School, and clarifies what you can expect from an LSE education.

The Academic Code brings together key principles that underpin students' education into a School-wide policy. Developed in partnership with LSE Students' Union, it sets the baseline to build on teaching standards, academic support, and assessment and feedback – areas that students have told us matter the most to them.

The Academic Code should be read in conjunction with the LSE-LSESU Student Charter.

- All full-time undergraduate and taught postgraduate students taking a taught course will receive a minimum of two hours taught contact time per week when the course is running in the Michaelmas and/or Lent terms, or a minimum of four hours taught contact time per week for a full-unit taught course running entirely in Michaelmas or in Lent term.
- Students will have the opportunity to receive feedback on **formative** and **summative** work, as set out below. Feedback on assessment due in Summer Term is not required for non-continuing students except for dissertations or capstone projects. There may be exceptional circumstances where the below time frames are not possible and, if this is the case, the reasons for extending the time period will be clearly explained to students as early as possible.
- **2.1** All assessment submission deadlines and feedback time frames will be clearly communicated to students at the start of each course, including on the course Moodle page.
- **2.2** Feedback on formative tasks will normally be returned to students within three term weeks of the submission deadline, where students submit their work on time.
- **2.3** Feedback on summative assessment (excluding exams, dissertations or capstone projects) will normally be provided within five term weeks of the submission deadline, where students submit their work on time.
- **2.4** Feedback on January exams will normally be provided within six term weeks of the end of the exam period.
- **2.5** Feedback on Summer exams will normally be provided within four term weeks of the following Michaelmas term.
- **2.6** Feedback on dissertations and capstone projects will normally be provided within four term weeks of the final mark being made available to students.



- **2.7** For any summative assessment which is failed, students will have the opportunity to receive feedback in time to prepare for the resit or resubmission. For summative assessment failed in Summer Term, feedback may take the form of general guidance on how to have approached that assessment.
- All students will have an **Academic Mentor** to advise on academic matters. Academic Mentors should have the necessary expertise and guidance to undertake the role. Ideally, students will keep the same mentor throughout their time at LSE.
- 4 Students will be invited to meet their Academic Mentor at least twice during each of the Michaelmas and Lent terms. These meetings may take the form of 1-2-1 sessions or small group gatherings, so that mentees can meet one another and discuss issues of mutual interest.
- In addition to academic guidance provided by the Academic Mentor, students will have access to personal advice, for example with respect to mental health and wellbeing. Students will be clearly informed about who to go to for what kinds of advice and this will be available through various mechanisms, such as Disability and Wellbeing Services, Student Services, and Departments.
- Staff teaching on LSE programmes will be available to students through a minimum of 35 **office hours** (for full-time teaching staff) during term time. Normally, the expectation is to meet face-to-face, but contact may take other forms that are mutually agreed between the teacher and students.
- 7 Departments will hold at least one **Student-Staff Liaison Committee** and one Departmental Teaching Committee meeting during each of the Michaelmas and Lent terms, following the guidelines for each type of meeting that we have agreed in partnership with the Students' Union.



The Student Charter

Our Student Charter, written by students and staff, sets out how LSE's mission and ethos are reflected in the education you can expect to receive at the School, and in the diverse, equitable and inclusive community that we all contribute to and value.

The charter covers:

- Your education what an LSE education is and how you can make the most of it
- Our community what it means to be part of the LSE community and how to contribute
- Your future, our future how to inspire future generations of LSE students.

You can find out more about the charter, and read the full version online – just search "LSE Student Charter" or visit **info.lse.ac.uk/Current-Students/student-charter**

Codes of Good Practice

The Codes of Good Practice explain the basic obligations and responsibilities of staff and students.

They set out what you can expect from your department in relation to the teaching and learning experience. The codes cover areas like the roles and responsibilities of Academic Mentors and Departmental Tutors, the structure of teaching at LSE and exams and assessment. The codes also lay out your responsibilities as a member of our community. You can find the codes of practice at Ise.ac.uk/calendar



The Ethics Code

The Ethics Code details the principles by which the whole LSE community are expected to act.

We expect the highest possible ethical standards from all staff, students and governors. The Ethics Code sets out the School's commitment to the six ethics principles:

- Responsibility and Accountability
- Integrity
- Intellectual Freedom
- Equality of Respect and Opportunity
- Collegiality
- Sustainability

You can find the code, as well as guidance and support at Ise.ac.uk/ethics

Research Ethics

If you conduct research, you'll need to follow the Research Ethics policy and procedures.

Search online for "LSE Research Ethics and Guidance" to find resources, training and support. If you have any questions regarding research ethics or research conduct, please email research.ethics@lse.ac.uk



Systems and online resources

Need IT help?

• Visit the Technology Centre on the first floor of the Library

Email: tech.helpdesk@lse.ac.uk

Call: 020 7107 5000

The Help Desk is open seven days a week during term time and offers a range of services including a laptop surgery. For further information visit info.lse.ac.uk/current-students/dts

LSE for You

LSE for You is a web portal which gives you access to a range of services. You can access LSE for You at **lse.ac.uk/lseforyou**

LSE for You allows you to:

- View and update your term time (contact) and home (permanent) address
- Reset your IT password
- Access your candidate number
- View your results
- Select your courses





Student Hub

The Student Hub is LSE's app, designed to help you navigate your day-to-day life at LSE. With the Student Hub, you can:

- View your timetable and upcoming deadlines
- Find your way around with the campus map
- Follow your department, LSE events, Careers the Students' Union and more to keep up to date with news and events from around LSE
- Book appointments with academic staff (office hours) or support services
- Create or join groups with friends and coursemates to carry on the conversation outside of class.

Download the app to help you organise your time, connect with coursemates and discover everything that LSE has to offer.





Available on iOS and Android app stores or as a web app.

Visit studenthub.lse.ac.uk to find out more!

Moodle

Moodle is LSE's virtual learning environment.

The majority of taught courses have a corresponding course on Moodle, the online learning platform used at LSE. Moodle courses contain essential resources such as lecture slides, lecture recordings and reading lists. Moodle also enables activities such as quizzes and discussion forums and allows for online assignment submission, marking and feedback. How Moodle is used is determined by the course convenor and so this may vary from course to course. LSE also provides a Moodle Archive service which provides teachers and students with a snapshot of previous year's courses.

You can access Moodle by visiting moodle.lse.ac.uk



Email

LSE will use your LSE email address to communicate with you so check it regularly. Microsoft Outlook is available on all public PCs. You can also access your email off-campus using webmail (mail.lse.ac.uk) or on the move using clients for laptops and mobile phones. For help setting up email on your device search "LSE mobile email setup".

Training and Development System

The Training and Development System allows you to book a place on many of the personal development opportunities offered around LSE.

You can access the Training and Development System at apps.lse.ac.uk/training-system and login using your LSE username and password.

Information security awareness training

The LSE Cyber Security Awareness Training can be self-enrolled at Moodle. We strongly advise you to complete the training which equips you with the skills to spot phishing emails, keep your data and devices safe, and protect your privacy.

More tips are available at Ise.ac.uk/cyber

To add an extra layer of security for your account and data, please set up Multi-Factor Authentication (MFA) via Issaec.uk/mfa



Course selection and timetables

Your programme comprises a number of courses, which are usually worth half (0.5) or a full (1.0) unit. The number of courses postgraduate students take varies by programme but can be found at Ise.ac.uk/calendar. You will need to select all of your courses, including any compulsory ones, in LSE for You.

When to select courses

Postgraduate course selection will open for browsing at the beginning of Welcome and open properly just before term starts. Course selections need to be made by the beginning of Week 3 of Michaelmas Term. You will be able to make changes to Lent Term half unit courses in early Lent Term.

For the exact dates visit Ise.ac.uk/courseselection

How to select your courses

1. Find the courses you'd like to take

Go to Ise.ac.uk/findcourses to access the tools and information to help you decide which courses you want to take this academic year. Make sure that you identify a few back-up courses in case your first choice is not available. You should make sure that you attend any departmental course selection meetings and seek advice from your Academic Mentor or Departmental Tutor before finalising your course selections. The LSE calendar is the place to check for programme regulations detailing which courses you are permitted to take. It also provides course guides for every course at LSE, including student feedback. You can find the calendar online at Ise.ac.uk/calendar

LSE Course Finder is a tool to help you choose which courses to take within your programme regulations. Course Finder allows you to browse available courses by unit value, keyword, department and assessment type. You can build a shortlist of courses and compare the lecture timetables for that shortlist. Course Finder is available from late August. You may also wish to look at course content on Moodle and check the teaching timetable to detect potential clashes. Some departments have capped or controlled access courses which means that places are limited. There are a number of different selection methods. You can find more information at Ise.ac.uk/courseselection.



2. Select your courses in LSE for You

Go to <u>Ise.ac.uk/selectcourses</u> for step-by-step instructions on how to select your courses on LSE for You. Remember to select any compulsory courses and, if applicable, your dissertation.

3. Check your timetable and Moodle enrolments

Postgraduate students may be able to use Seminar Sign-up in LSE for You after you have made your course selections and they have been approved by the department responsible for teaching the course.

You will automatically be given access to the Moodle page for your courses a few hours after selecting your courses on LSE for You. If you change courses you will not be removed from the old course on Moodle automatically so you will need to do this manually.

Changing class or seminar

Postgraduate students should use Seminar Sign-Up if it is enabled for your courses; if it is not then you will be allocated to a seminar group by the department responsible for teaching the course.





Can't see your timetable?

If you can't see a course on your timetable after the relevant publication date there are five common reasons:

- You have not registered/re-registered for this academic year
- You have not selected the course in LSE for You
- You have selected a course which creates a clash on your timetable (undergraduate only)
- You have made changes within the last 48 hours (the timetable can take up to two days to regenerate)
- Your seminar has not yet been allocated by the relevant department (postgraduate only)

Access guide to LSE buildings

AccessAble have produced detailed access guides to the LSE campus and route maps between key locations. You can access these guides at Ise.ac.uk/lse-information/campus-map

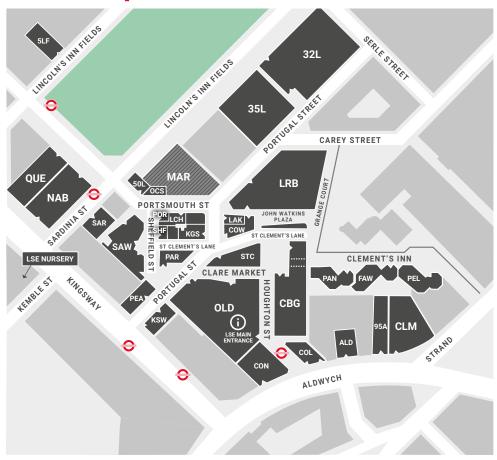
Getting help

There is more detailed information, contact details and answers to frequently asked questions online at **lse.ac.uk/courseselection**





LSE Campus



Key

95A	95 Aldwych	5LF	5 Lincoln's Inn Fields	PAN	Pankhurst House
ALD	Aldwych House	32L	32 Lincoln's Inn Fields	PAR	Parish Hall
CBG	Centre Building	35L	35 Lincoln's Inn Fields	PEA	Peacock Theatre
CLM	Clement House	MAR	The Marshall Building	PEL	Pethick-Lawrence House
COL	Columbia House		(44 Lincoln's Inn Fields)	POR	1 Portsmouth Street
CON	Connaught House	50L	50 Lincoln's Inn Fields	QUE	Queens House
COW	Cowdray House	LRB	Lionel Robbins Building,	SAR	Sardinia House
FAW	Fawcett House		Library and The Womens Library	SAW	Saw Swee Hock
KGS	King's Chambers	NAB	New Academic Building		Student Centre
KSW	20 Kingsway	OLD	Old Building	SHF	Sheffield Street
LAK	Lakatos Building	OLD	Old Curiosity Shop,	STC	St Clement's
LCH	Lincoln Chambers		Portsmouth Street		



LSE Building



LSE Building Development



(i) Information



Cycle Hire



All buildings have wheelchair access and lifts, except, 95A, KGS, KSW*, 5LF, 50L, POR* and SHF. *KSW 20 Kingsway (Language Centre only), *POR 1 Portsmouth Street (Shop only).

Disabled Access

After 6.30pm, please call Security Control on 020 7955 6200 to ensure that any disabled access doors are open. Also see: Accessibility map [PDF] For access to 20 Kingsway, please call security staff on 020 7955 6200 to set up the portable ramp in the entrance foyer.

Access Guides to LSE buildings

AccessAble have produced detailed access guides to the LSE campus and residences, and route maps between key locations. These access guides, and route maps, are now available online.

Ise.ac.uk/Mathematics



Department of Mathematics

The London School of Economics and Political Science Houghton Street London WC2A 2AE

E: maths.info@lse.ac.uk T: +44 (0)20 7955 7732

This information can be made available in alternative formats, on request. Please contact maths.info@lse.ac.uk

The London School of Economics and Political Science is a School of the University of London. It is a charity and is incorporated in England as a company limited by guarantee under the Companies Acts (Reg no 70527).

The School seeks to ensure that people are treated equitably, regardless of age, disability, race, nationality, ethnic or national origin, gender, religion, sexual orientation or personal circumstances.

Design: LSE Design Unit (Ise.ac.uk/designunit)
Photography: Cover image from Unsplash, Pexels or iStock.
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Please note: a number of photographs in this document were taken before UK social-distancing guidance was in place. LSE takes every step to ensure the safety of all their staff and students.