

JOB DESCRIPTION



Job Title: Senior Information Security Officer
Department: Information Technology Services
Faculty/Central Service: Central Services
Location: Kepple Street, London
Reports to: Phil Rogers, Head of IT Information Security and Compliance
Full Time/Part Time/Casual: Full Time
Grade: Grade 6
Overall Purpose of the job: The Information Security Officer plays a central role in maintaining, improving and assuring the confidentiality, integrity and availability of LSHTM's information assets. Working within the Governance and Information Security division of IT Services, the post-holder will act as the operational lead for security monitoring and incident response, liaising closely with the School's Managed Detection and Response (MDR) partner and 24/7 Security Operations Centre (SOC). The role is responsible for analysing and responding to security alerts, developing and improving technical controls, providing expert advice to projects and services, and supporting continual improvement of the School's security posture in alignment with regulatory, legal and sector standards.

General Information

The London School of Hygiene & Tropical Medicine (LSHTM) is one of the world's leading public health universities.

Our mission is to improve health and health equity in the UK and worldwide; working in partnership to achieve excellence in public and global health research, education and translation of knowledge into policy and practice.

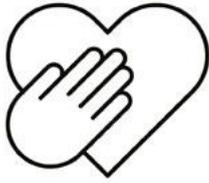
Staff and students are committed to helping create a more healthy, sustainable and equitable world for everyone, because we believe our shared future depends on our shared health.

We embrace and value the diversity of our staff and student population and seek to promote equity, diversity and inclusion as essential elements in contribution to improving health worldwide. We believe that when people feel respected and included, they can be more creative, successful, and happier at work. While we have more work to do, we are committed to building an inclusive workplace, a community that everyone feels a part of, which is safe, respectful, supportive and enables all to reach their full potential.

To find out more please visit our [Introducing LSHTM page](#).

Our Values

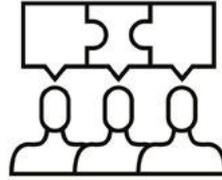
Our values establish how we aspire to achieve our mission both now and in the future - demonstrating what it means to work and study at LSHTM. Please visit our [LSHTM Values page](#) for further information.



**Act with
integrity**



**Embrace
difference**



**Work
together**



**Create
impact**

FACULTY/DEPARTMENT INFORMATION

IT Services (ITS) comprises approximately 45 staff delivering and developing digital infrastructure, systems and support for the School's education, research and administrative activities.

The Information Security function sits within the Governance and Information Security team, which is responsible for policy, risk management, assurance and operational security monitoring across LSHTM's digital estate.

Main Duties and Responsibilities

Security Operations and Incident Response

- Lead day-to-day liaison with the 24/7 SOC/MDR service, reviewing, triaging and responding to security alerts and incidents.
- Perform initial incident investigation, containment and escalation in accordance with LSHTM's Incident Response Plan.
- Act as the technical contact for threat analysis, log review and correlation across EDR, SIEM, and vulnerability-management platforms.
- Produce post-incident reports, root-cause analyses and lessons-learned summaries.

Security Improvement and Assurance

- Manage and continually improve security monitoring, endpoint protection and vulnerability-management tools.
- Collaborate with infrastructure and systems teams to implement secure configurations and hardening standards.
- Coordinate penetration tests, assurance reviews and remediation tracking.
- Contribute to the maintenance of LSHTM's information-security management system (ISMS), policies and procedures.

Advisory and Project Support

- Provide specialist security advice and risk assessment for IT projects, procurements and data-sharing arrangements.
- Support Data Protection Impact Assessments (DPIAs) and supplier-risk assessments.
- Contribute to architecture and design reviews to ensure appropriate security controls are embedded.

Communication and Training

- Produce technical report and metrics for the Head of It Info Sec and Compliance and IT governance committees.
- Deliver targeted briefings or awareness sessions to colleagues and stakeholders.
- Maintain clear, concise documentation and knowledge-base articles.

Collaboration and Continuous Improvement

- Build and maintain effective relationships with colleagues across ITS, academic departments and external partners.
- Horizon-scan for emerging threats and technologies; recommend appropriate mitigations.
- Contribute to the definition of the School's future security roadmap.

Additional Information

- The role may occasionally require participation in out-of-hours incident response or planned change windows.
- The post-holder will be expected to undertake continuing professional development and maintain relevant certifications.

Generic duties and responsibilities of all LSHTM employees

This job description reflects the present requirements of the post but may be altered at any time in the future as duties and responsibilities change and/or develop providing there is consultation with the post-holder.

The post-holder will carry out any other duties, tasks or responsibilities as reasonably requested by the line manager, Dean of Faculty, Head of Department or Head of Professional Service.

The post holder will be responsible and accountable for ensuring all LSHTM policies, procedures, regulations and employment legislative requirements are adhered to including equality and diversity and health and safety.

This job description is not a definitive or exhaustive list of responsibilities but identifies the key responsibilities and tasks of the post holder. The specific objectives of the post holder will be subject to review as part of the individual Performance and Development Review (PDR).

PERSON SPECIFICATION

This form lists the essential and desirable requirements needed by the post holder to be able to perform the job effectively.

Applicants will be shortlisted solely on the extent to which they meet these requirements.

Competency	Evidence	E / D
Education, Qualifications and Training	• Degree or equivalent experience in an IT-related discipline	E
	• Evidence of continuing professional development including regular attendance on internal and external study programmes	D
	• Hold ITIL qualification	E
	• Certification in IT Security	D
Experience	• Experience operating within or alongside an enterprise SOC or MDR service, including alert triage and incident response	E
	• Proven track record in vulnerability management, threat analysis and remediation	E
	• Experience providing security advice for projects, procurement and system design	E
	• Experience working within higher-education or research environments	D
	• Experience producing security dashboards, KPIs and incident reports	D
Knowledge	• Sound knowledge of SIEM, EDR, IDS/IPS and related monitoring tools	E
	• Good understanding of Windows, Linux, O365/Azure AD and cloud-security controls	E
	• Working knowledge of information-security standards (ISO 27001, NCSC 10 Steps, Cyber Essentials Plus)	E
	• Awareness of data-protection, GDPR and FOI requirements	E
General	• Excellent analytical and problem-solving skills; able to make sound decisions under pressure	E
	• Strong interpersonal and communication skills with both technical and non-technical audiences	E
	• Self-motivated, proactive and able to work independently with minimal supervision	E
	• Commitment to LSHTM's values, equality & diversity, and continuous improvement	E

E-Essential: Requirement without which the job could not be done

D-Desirable: Requirements that would enable the candidate to perform the job well

Date compiled: October 2025

Salary and Conditions of Appointment

This post is permanent and full-time 35 hours per week, 1FTE. The salary will be on the LSHTM salary scale, Grade 6 scale in the range £45,728 - £51,872 per annum pro rata (inclusive of London Weighting).

The post will be subject to the LSHTM terms and conditions of service. Annual leave entitlement is 30 working days per year, pro rata for part time staff. In addition to this there are discretionary "Wellbeing Days." Membership of the Pension Scheme is available.

LSHTM operates a Hybrid Working Framework which, alongside agreed service requirements, enables teams to work more flexibly where the role allows - promoting wellbeing and a better work/life balance. Please note that roles based in London are required to work on-site a minimum of two days per week.

Application Process

Applications should be made on-line via our [jobs website](#). Applications should also include the names and email contacts of 2 referees who can be contacted immediately if appointed. Online applications will be accepted by the automated system until 10pm of the closing date. We regret that late applications cannot be accepted. Any queries regarding the application process may be addressed to jobs@lshtm.ac.uk.

The supporting statement section should set out how your qualifications, experience and training meet each of the selection criteria. Please provide one or more paragraphs addressing each criterion. The supporting statement is an essential part of the selection process and thus a failure to provide this information will mean that the application will not be considered. An answer to any of the criteria such as "Please see attached CV", "Yes" or "No" will not be considered acceptable and will not be scored.

Please note that if you are shortlisted and are unable to attend on the interview date it may not be possible to offer you an alternative date.

Asylum and Immigration Statement

LSHTM will comply with current UKVI legislation, which requires all employees to provide documentary evidence of their legal right to work in this country prior to commencing employment. Candidates will be required to email a copy of their passport (and visa if applicable) to HR prior to their interview and if appointed will be asked to bring the original documents in to be copied and verified before their start date.

Applications from candidates who require sponsorship to work in the UK will be considered alongside other applications. Applicants who do not currently have the right to work in the UK will have to satisfy UK Visas & Immigration regulations before they can be appointed.

Further information about Sponsorship and eligibility to work in the UK, can be found on the [government immigration rules page](#).