The Aerospace Medicine course aims to provide medical graduates with advanced theoretical and practical training in the physiology, psychology and clinical medicine of humans exposed to or working in the aviation environment.

Key benefits
- World-class learning course delivered at a location recognised by the Joint Royal Colleges of Physicians’ Training Board for higher professional training in aviation and space medicine.
- Teaching by internationally renowned scientists and clinicians.
- An advanced study course providing unique opportunities to undertake an aeromedical research project that are carried out in the laboratory or in approved aeromedical centres in the UK and elsewhere.
- Additional preparation for the Diploma in Aviation Medicine, Faculty of Occupational Medicine (RCP) is available.

Course details
The Aerospace Medicine course is a unique study pathway that provides physicians with comprehensive theoretical and practical instruction in advanced aviation physiology, psychology, pathology, clinical and operational aviation medicine.

This course includes time based at the RAF Centre of Aviation Medicine (CAM), as the Centre provides an appropriate location for valuable elements of the teaching, and visits to some of the service and civilian establishments used. The Centre also offers unique practical facilities which are available to students on the course.

You will complete the course in one year, studying September to September. If you are following the MSc pathway, you must take modules totalling 180 credits to meet the requirements of the qualification, of which 60 will come from a research project and written dissertation. The Postgraduate Diploma pathway requires modules with a total of 120 credits to complete the course and can be conducted in just over six months.
Teaching

If carrying out the MSc you will receive approximately 510 contact hours at King’s and the various external study locations, primarily the RAF Centre for Aviation Medicine at Henlow – this includes lectures, seminars and practical sessions.

You may typically expect the contact time to be split as per below:

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<tr>
<th>Practical sessions</th>
<th>Lectures</th>
<th>Seminars/lab sessions</th>
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<tbody>
<tr>
<td>20%</td>
<td>75%</td>
<td>5%</td>
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Typically, one credit equates to ten hours of work. If you are studying for the full MSc qualification, you will be expected to spend approximately 600 hours on the research project module and thesis.

Assessment

The primary method of assessment for this course is a combination of oral presentations, written assignments and written examinations.

The MSc research project and dissertation will be assessed on an extended piece of writing.

The study time and assessment methods detailed above are typical and give you a good indication of what to expect. However, they may change if the course modules change.

Regulating body

King’s College London is regulated by the Higher Education Funding Council for England.

Course structure

Courses are divided into modules. You will normally take:
- MSc – modules totalling 180 credits
- PG Diploma – modules totalling 120 credits.

Required modules

You are required to take:

Aerospace Medicine MSc Pathway
- Aerospace Physiology (40 credits)
- Operational Aviation Medicine (40 credits)
- Clinical & Commercial Aerospace Medicine (40 credits)
- Research project in Aerospace Medicine (60 credits)

Aerospace Medicine PG Dip Pathway
- Aerospace Physiology (40 credits)
- Operational Aviation Medicine (40 credits)
- Clinical & Commercial Aerospace Medicine (40 credits)

King’s College London reviews the modules offered on a regular basis to provide up-to-date, innovative and relevant programmes of study. Therefore, modules offered may change. We suggest you keep an eye on the course finder on our website for updates.

Location

This course is primarily taught at the King’s College London Guy’s Campus, with some teaching at the RAF Centre of Aviation Medicine at Henlow as well as other locations, mainly in the UK but commonly with one overseas visit. Please note that locations are determined by where each module is taught and may vary.

Career prospects

Career opportunities in aerospace medicine are varied. Many undertaking specialist training have already been employed specifically for the role and are sponsored to undertake these courses. However others use such training to better equip themselves for potential employment. Areas of possible careers include with airlines, aviation regulators, air traffic services, military aviation and space agencies as well as in academic or commercial research organisations. Some aviation medical examiners (AMEs) undertake the DAvMed. Appointment as an AME in the UK is now restricted to doctors on the GMC specialist register.

Previous graduates of the MSc course and DAvMed courses have been employed in all these areas and enjoyed a varied and challenging career.
Fees and funding

Full-time tuition fees – UK
The UK tuition fees for the 2018–19 academic year are available on the course web page.
Please note that the tuition fees for subsequent years of study may be subject to increases in line with King’s terms and conditions.

Full-time tuition fees – EU
Current regulations allow some students to pay UK tuition fees on the basis of their EU citizenship or residency. Until these eligibility criteria are changed, the EU tuition fee will remain the same as the UK tuition fee.
The UK tuition fees for the 2018–19 academic year are available on the course web page.
Please note that the tuition fees for subsequent years of study may be subject to increases in line with King’s terms and conditions.

Full-time and part-time tuition fees – International
The International tuition fees for the 2018–19 academic year are available on the course web page.
Please note that the tuition fees for subsequent years of study may be subject to increases in line with King’s terms and conditions.

Deposit
When you receive an offer for this course you will be required to pay a non-refundable deposit to secure your place. The deposit will be credited towards your total fee payment.
The UK/EU deposit is £500.
The International deposit is £2,000.
For further information, please visit the fees and funding section of our website:
www.kcl.ac.uk/study/postgraduate/fees-and-funding/index.aspx

Additional costs
In addition to your tuition fees, you can also expect to pay for:
• books if you choose to buy your own copies
• clothing for optional course related events and competitions
• library fees and fines
• personal photocopies
• printing course handouts
• society membership fees
• stationery
• travel costs for travel around London and between campuses and to visits other than any overseas visit
• graduation costs
• examination and diploma fees for the Faculty of Occupational Medicine Diploma in Aviation Medicine.

Disclaimer
This PDF was produced in August 2017. Although it was up-to-date at the time it was produced, please make sure you check our website www.kcl.ac.uk/study or contact us directly for the very latest information before you commit yourself to any of our courses.

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