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Postgraduate Virtual
Open Days

MScR
Biomedical Sciences
(Life Sciences)



Paul Le Tissier

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Meet the programme team

Name: Paul Le Tissier

Title: Professor of Integrative Endocrinology
Programme Director



Name: Fiona Brodie

Title: Programme Administrator

Biomedical Sciences student numbers

150 applicants in 2024/25

37 students on course (all Full Time)

- UK: 8 students
- Europe: 4 students
- International: 25 students

Backgrounds (Undergraduate degree)

- Most Biomedical Sciences/Biological Sciences but also eg Physics

What a typical week looks like...

- 3 class hours per week and 30 hours in the lab.
- Focused on being embedded within a research group
- Lab meetings, formative assessments, presentations to peers

What a typical week looks like...

	Monday	Tuesday	Wednesday	Thursday	Friday
Morning	Core Skills (taught)	Labs	Labs	Labs	Labs
Afternoon	Labs	Labs	Labs	Labs	Labs

MScRes in Biomedical Sciences (Life Sciences)

- One year course (September-September)
- Focused on laboratory-based training (working in lab Week 2)
- Ideal training for PhD studies, research in industry
- Small taught element focused on developing core skills
- Opportunity to work with **any** University research group



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Course Structure

- Two projects, each of 20 week duration
- Projects selected from list of PI suggestions or by approaching PI and co-designing project
- Students write own Project Plan based on either project
- Core skills and specialist training in range of areas of interest identified by students



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Assessments

- Two dissertations based on each project (80 Credits each)
- Project Plan (20 Credits each)

Non-assessed training

- Project talks
- Poster Presentation
- Literature Review
- Project plan
- Ethics
- Academic Language and Literacy



MScRes in Biomedical Sciences (Life Sciences)

Skills developed

- Ability to independently design, analyse and interpret experiments
- Communication skills- posters, talks, dissertations
- Project planning and time management
- Independent learning
- Ability to work within, and be an active part of, a research group



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Examples of projects

- Characterisation of a cellular model for Huntington's Disease (Dr Karen Smillie)
- Defining the effect of tumour microenvironment on cell plasticity in colorectal cancer (Dr Kevin Myant)
- Investigating the effects of IL-6 in invasive lobular breast cancer (Prof Valerie Brunton)



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Examples of projects

- Using zebrafish larval models to study wound and tumour induced inflammation (Dr Yi Feng)
- Molecular diagnostics of urinary tract infections of dogs at point of care (Prof Till Bachmann)
- Genome plasticity and its role in antifungal drug resistance in the human fungal pathogen *Candida albicans* (Dr Vasso Makranti)



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MScRes in Biomedical Sciences (Life Sciences)

Admissions

- Requires equivalent UK 2:1 in a relevant subject
- English language IELTS score total 7.0, minimum score 6.5
- English taught 1st degree acceptable for language requirement
- Apply anytime before end July- degree and language requirements not needed in advance



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Destinations

- ~60% students go on to PhDs (almost 100% of those that want to)
- Industry
- Diagnostic laboratories
- Further study (eg medicine)
- Academic publishing



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Did you get the info you were looking for?

- Programme-specific info: <https://postgraduate.degrees.ed.ac.uk/>
- Chat to our Students: <https://edin.ac/student-chat-pg>
- Any other questions (including, Fees & Admissions) email:
futurestudents@ed.ac.uk



Read our students' blogs at
blogs.ed.ac.uk/studentstories



Contact details for follow-up questions

- We apologise if we did not get through all of your questions in the time allotted for this session. If you have further questions that have not been answered, please email: pletiss@ed.ac.uk



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Thank you

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