

## MSc Genomic Medicine

### 2024-25 Timetable

Date	Module	Assessment	Marks and feedback due back
Monday 9 <sup>th</sup> September 2024	<i>Student registration and induction at SGUL</i>		
Tuesday 10 <sup>th</sup> September 2024 10am-12pm	<i>Course induction and opportunity to meet with the Course Team</i>		
Wed 11 <sup>th</sup> – Tues 17 <sup>th</sup> September 2024	Fundamentals of human genetics & genomics (5 days) <i>SGUL</i>	<ul style="list-style-type: none"> <li>Exam – 4<sup>th</sup>/5<sup>th</sup> October</li> <li>Essay – 22<sup>nd</sup> October</li> </ul>	<ul style="list-style-type: none"> <li>Exam – 22<sup>nd</sup> October</li> <li>Essay – 27<sup>th</sup> November</li> </ul>
Wed 25 <sup>th</sup> September – Tues 1 <sup>st</sup> October 2024	Genomics of common and rare inherited diseases (5 days) <i>SGUL</i>	<ul style="list-style-type: none"> <li>Exam – 18<sup>th</sup> /19<sup>th</sup> October</li> <li>Exome analysis – 5<sup>th</sup> November</li> </ul>	<ul style="list-style-type: none"> <li>Exam – 4<sup>th</sup> November</li> <li>Exome analysis – 5<sup>th</sup> December</li> </ul>
<i>Student enrolment and registration at KCL</i>			
Thurs 24 <sup>th</sup> October – Wed 30 <sup>th</sup> October 2024	Omics techniques; their application to genomic medicine (5 days) <i>KCL</i>	<ul style="list-style-type: none"> <li>Exam – 29<sup>th</sup> /30<sup>th</sup> November</li> <li>Essay – 16<sup>th</sup> December</li> </ul>	<ul style="list-style-type: none"> <li>Exam – 12<sup>th</sup> December</li> <li>Essay – 22<sup>th</sup> January 2024</li> </ul>
Mon 11 <sup>th</sup> -Fri 15 <sup>th</sup> November 2024	Genomics of Neurological Disorders (5 days) <i>SGUL</i>	<ul style="list-style-type: none"> <li>Scenario-based essay- 10<sup>th</sup> December</li> </ul>	<ul style="list-style-type: none"> <li>Scenario-based essay- 13<sup>th</sup> January</li> </ul>
Wed 20 <sup>th</sup> – Tues 26 <sup>th</sup> November 2024	Bioinformatics, interpretation and data quality in genome analysis (5 days) <i>KCL</i>	<ul style="list-style-type: none"> <li>Data analysis Assignment – 7<sup>th</sup> January 2025</li> </ul>	<ul style="list-style-type: none"> <li>Data analysis Assignment – 11<sup>th</sup> February 2025</li> </ul>
Mon 2 <sup>nd</sup> – Friday 6 <sup>th</sup> December 2024	Application of genomics in infectious disease (5 days) <i>SGUL</i>	<ul style="list-style-type: none"> <li>Exam – 10<sup>th</sup>/11<sup>th</sup> January 2025</li> <li>Essay – 23<sup>rd</sup> January 2025</li> </ul>	<ul style="list-style-type: none"> <li>Exam – 27<sup>th</sup> January 2025</li> <li>Essay – 27<sup>th</sup> February 2025</li> </ul>
Wed 15 <sup>th</sup> – Tues 21 <sup>st</sup> January 2025	Pharmacogenomics and stratified healthcare (5 days) <i>KCL</i>	<ul style="list-style-type: none"> <li>Exam – 7<sup>th</sup>/8<sup>th</sup> February</li> <li>Essay – 27<sup>th</sup> February</li> </ul>	<ul style="list-style-type: none"> <li>Exam – 24<sup>th</sup> February</li> <li>Essay – 31<sup>st</sup> March</li> </ul>
Wed 29 <sup>th</sup> Jan – Tues 4 <sup>th</sup> February 2025	Cardiovascular genetics and genomics (5 days) <i>SGUL</i>	<ul style="list-style-type: none"> <li>Exam – 28<sup>th</sup> Feb/1<sup>st</sup> March</li> <li>Essay – 13<sup>th</sup> March</li> </ul>	<ul style="list-style-type: none"> <li>Exam – 17<sup>th</sup> March</li> <li>Essay – 15<sup>th</sup> April</li> </ul>
Wed 12 <sup>th</sup> –Tues 18 <sup>th</sup> February 2025	Ethical, legal and social perspectives on genomic medicine (5 days) <i>SGUL</i>	<ul style="list-style-type: none"> <li>Essay – 27<sup>th</sup> March</li> </ul>	<ul style="list-style-type: none"> <li>Essay – 29<sup>th</sup> April</li> </ul>
Wed 19 <sup>th</sup> –Tues 25 <sup>th</sup> February 2025	Molecular pathology of cancer and application in diagnosis, screening and treatment (5 days) <i>KCL</i>	<ul style="list-style-type: none"> <li>Exam – 14<sup>th</sup>/15<sup>th</sup> March</li> <li>Open assignment – 2<sup>nd</sup> April</li> </ul>	<ul style="list-style-type: none"> <li>Exam – 1<sup>st</sup> April</li> <li>Open assignment – 6<sup>th</sup> May</li> </ul>
Thurs 6 <sup>th</sup> – Wed 12 <sup>th</sup> March 2025	Advanced Bioinformatics (5 days) <i>KCL</i>	<ul style="list-style-type: none"> <li>Data analysis Assignment – 17<sup>th</sup> April</li> </ul>	<ul style="list-style-type: none"> <li>Data analysis Assignment – 22<sup>nd</sup> May</li> </ul>
Thurs 20 <sup>th</sup> – Wed 26 <sup>th</sup> March 2025	An Introduction to Counselling skills for genomics (5 days) <i>SGUL</i>	<ul style="list-style-type: none"> <li>Role play (live online)– 26<sup>th</sup> March</li> <li>Result letter and literature review– 1<sup>st</sup> May</li> </ul>	<ul style="list-style-type: none"> <li>Role play – 9<sup>th</sup> April</li> <li>Result letter and literature review– 5<sup>th</sup> June</li> </ul>
Thurs 3 <sup>rd</sup> – Wed 9 <sup>th</sup> April 2025	Fetal genomics: Decoding the Blueprint of Human Development (5 days) <i>KCL</i>	<ul style="list-style-type: none"> <li>Written case report -9<sup>th</sup> May</li> <li>Group Presentation -23<sup>rd</sup> May</li> </ul>	<ul style="list-style-type: none"> <li>Written case report -9<sup>th</sup> June</li> <li>Group Presentation – 10<sup>th</sup> of June</li> </ul>
March/April-July 2025	Research Project (SGUL/KCL or externally)	<ul style="list-style-type: none"> <li>Decision of the project subject and supervisor -Friday 28<sup>th</sup> Feb</li> <li>Projects start 31<sup>st</sup> March</li> <li>Submission of research proposal (60 credit only) - Thurs 24<sup>th</sup> April</li> <li>Submission of written element – Thurs 17<sup>th</sup> July</li> <li>Presentation- Thurs 31<sup>st</sup> July</li> </ul>	<ul style="list-style-type: none"> <li>Research proposal – 15<sup>th</sup> May</li> <li>Dissertation and Presentation – 2<sup>nd</sup> September</li> </ul>

