

Programme Regulations: 2025/26 (January intake)

Degree of Master of Research (MRes) offered in the Faculty of Medical Sciences:

MRes Medical and Molecular Biosciences (4891F)

Subject Specialist Programmes:

MRes Ageing and Health (4883F)

MRes Cancer (4884F)

MRes Cardiovascular Science in Health and Disease (4885F)

MRes Diabetes (4886F)

MRes Epidemiology (4887F)

MRes Immunobiology (4888F)

MRes Neuroscience (4889F)

MRes Regenerative Medicine and Stem Cells (4890F)

(The above programmes are only offered to candidates studying Dual Award degrees from Universitas Indonesia)

Notes:

- (i) These programme regulations should be read in conjunction with the University's Regulations for Research Masters Degree Programmes. All modules are offered subject to the constraints of the timetable and any restrictions on the number of students who may be taught that module. Modules may not all be offered each year.
- (ii) A core module for learning outcomes is a module that a student must pass.
- (iii) A core module for PSRB accreditation is a module a student is required to obtain accreditation.
- (iv) A compulsory module is a module that a student is required to study.
- (v) As a Research Masters degree, this programme reflects specific research themes and aims incorporating research preparation. The programme comprises at least 180 credits of which at least 80 credits will be dedicated to the research project/dissertation.
- (vi) All modules are delivered in Linear mode unless otherwise stated as Block, eLearning or distance learning.

1. Programme structure

- (a) The programme is available for study in full-time mode only.
- (b) The period of study for full-time mode shall be 12 months, spanning two academic years and starting in January.
- (c) January intake candidates will take Semester 2 and 3 modules first, followed by Semester 1 modules the following academic year.
- (d) All candidates shall take the following compulsory modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Core for PSRB Accreditation</i>	<i>Core for learning outcomes</i>	<i>Mode</i>
MMB8097	Project	110		55	55	7		✓	
MMB8102	Research Skills and Principles for the Biosciences	10		10		7			Block

All subject specialist programme candidates must undertake their Project in the relevant area of specialisation and must obtain approval from the Degree Programme Director.

- (e) All candidates shall take 60 credits from the following selection of modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>	<i>Core for PSRB Accreditation</i>	<i>Core for learning outcomes</i>	<i>Mode</i>
MMB8003	The Biological Study of Behaviour	20	20			7			
MMB8004	Ageing & Health	20	20			7			
MMB8005	Experimental Medicine & Therapeutics	20	20			7			
MMB8006	Drug Discovery & Development	20	20			7			
MMB8007	Cancer Studies	20	20			7			
MMB8008	Chromosome Biology and Cell Cycle Control in Health and Disease	20	20			7			
MMB8009	Clinical Epidemiology	20	20			7			
MMB8010	The Biological Basis of Psychiatric Illness & its Treatment	20	20			7			
MMB8011	Biology of Ageing	20	20			7			

MMB8015	Applied Immunobiology of Human Disease	20	20			7			
MMB8016	Molecular Microbiology	20	20			7			
MMB8018	Biomolecular Research in Health and Disease	20	20			7			
MMB8019	Sensory and Cognitive System Neuroscience	20	20			7			
MMB8020	Scientific Basis of Neurological Disorders	20	20			7			
MMB8022	Regenerative Medicine & Stem Cells	20	20			7			
MMB8025	Transplantation Sciences	20	20			7			
MMB8030	Genetic Medicine	20	20			7			
MMB8033	Surgical Anatomy	20	20			7			
MMB8034	Mitochondrial Biology and Medicine	20	20			7			
MMB8035	Diabetes	20	20			7			
MMB8037	Cardiovascular Science in Health and Disease	20	20			7			
MMB8038	Bioscience Research Development and Enterprise	20	20			7			
MMB8043	Comparative Cognition: Information Processing in Humans and Other Animals	20	20			7			
MMB8044	Exercise in Health and Disease	20	20			7			
MMB8046	Drug Delivery and Nanomedicine	20	20			7			
MMB8047	Evolution and Human Behaviour	20	20			7			
MMB8048	Human Health and the Impact of Microbial Genomics	20	20			7			
MMB8050	Therapeutic Applications of Cell Signalling Pathways	20	20			7			
MMB8052	Bioinformatics for Biomedical Scientists	20	20			7			
MMB8053	Enabling Technologies and Methodologies for Biomedical Research	20	20			7			
MMB8054	Theoretical Aspects of Animal Welfare	20	20			7			

MMB8055	Practical Aspects of Animal Welfare	20	20			7			
MMB8056	Human Nutrition Science	20	20			7			
MMB8057	Global Health and Planetary Boundaries	20	20			7			
MMB8058	Mechanisms in Genetic Disease: from Genotype to Phenotype	20	20			7			
MEC8051	Biomedical Additive Manufacture and Biofabrication	20	20			7			Block
MEC8059	Biomaterials	20	20			7			Block

- (f) Candidates studying subject specialist programmes are required to undertake relevant subject knowledge modules and therefore when selecting modules from the list in 1(e) must include those stipulated in the list below. The subject specialist awards require at least one subject specialist module to be passed, therefore modules chosen from the list below are designated as CORE and candidates must obtain a pass in order to qualify for the award.

*For programmes with multiple specialist modules, candidates must select the modules specified, however only one module will be deemed as core for learning outcomes.

<i>MRes Programme</i>	<i>Module</i>
4888F Immunobiology	MMB8015
4883F Ageing & Health *	MMB8004 or MMB8011 Candidates must pass one of the above modules
4884F Cancer	MMB8007
4890F Regenerative Medicine & Stem Cells	MMB8022
4889F Neuroscience *	MMB8010, MMB8019 or MMB8020 Candidates must pass one of the above modules
4887F Epidemiology	MMB8009
4886F Diabetes	MMB8035
4885F Cardiovascular Science in Health and Disease	MMB8037

Note: Optional module choice for all programmes is dependent on the background of each individual and subject to DPD consultation and approval. Candidates may also be given the opportunity to select optional modules other than those prescribed in the programme regulations, subject to DPD consultation and approval.

2. **Assessment Methods**

Details of the assessment for each module are explained in the module outline.

3. **Other**

- (a) Candidates are required to complete the following compulsory learning activities associated with MMB8102:

Discussion sessions and group report
Seminar Abstracts
Ethics computer test

Failure to complete these compulsory learning activities may result in a candidate's progression on the programme being delayed until the activities are completed, and a candidate may be subject to the University's Satisfactory Academic Progress Regulations - *Failure to submit written work required under your programme regulations (whether or not such work counts for assessment purposes) at the required time.*

- (b) All candidates will be required to submit one electronic copy of their project dissertation for assessment. The dissertation must be word processed and adhere to the guidelines provided in the programme's project handbook.
- (c) All dissertations will be marked independently by an internal examiner and an external examiner. If the two examiners are unable to agree on individual marks that agree to within 10% or to reach a joint agreed mark then an additional independent external examiner will be appointed and this examiner's mark will be final (in compliance with the University Regulations for Research Masters Degree Programmes). Programme-specific regulations have priority over the requirement stated in the University regulations that the additional external examiner should not have sight of the original examiners' reports; the additional external examiner WILL have access to the reports and original marks. Programme-specific regulations also have priority over University regulations in that the student will NOT be informed about the appointment of the third examiner.
- (d) A Master's degree may be awarded with Merit or Distinction:
- (i) A Master's degree may be awarded with Distinction where the candidate has achieved an overall mark of 70% or greater in the programme, and has passed all modules on the first occasion without the need for resits, and has achieved an overall mark of 70% or greater in the project component of the degree programme. Candidates who achieve the above with a rounded project module mark of 68% or 69% will be considered for promotion via discretion.
 - (ii) A Master's degree may be awarded with Merit where the candidate has achieved an overall mark of 60% or greater in the programme, and has either passed all modules on the first occasion without a need for resits, or has no more than 20 credits of modules passed by resits, and has

achieved an overall mark of 60% or greater in the project component of the degree programme. Candidates who achieve the above with a rounded project module mark of 58% or 59% will be considered for promotion via discretion.

- (e) Candidates who fail the core module(s) but have achieved sufficient credit for an MRes award, as stipulated in the University Regulations, will be considered for the award of MRes Medical & Molecular Biosciences.

4. Exemptions to the University's Research Degree Regulations

- (a) The MRes suite of programmes has an approved University Exemption from the University Regulations for Research Masters Degree programmes in relation to the Disagreement between the Examiners regulation - see programme regulation Section 3c and a Faculty exemption in relation to the Criteria for the Award with Merit and Distinction, see programme regulations 3d.
- (b) In the event of any inconsistency between the programme and University regulations in relation to the above, the programme regulations take precedence over the University regulations. Further guidance is contained in the Programme Handbook available on the VLE.