

Responsibility Centre	Department	Areas of Expertise	Specific Requirements
Academy of Islamic Studies	Al-Quran & Al-Hadith	Hadith Studies/ 'Ulum al-Hadith	PhD/ Master at Middle East or in field of Hadith
	Islamic Education Programme	Teaching & Learning Arabic Language	Priority is given to applicant with qualification in the field of Education as well as qualification in the field of Arabic Language.
	Islamic Education Programme	Tahfiz Education	Priority is given to applicant with qualification in the field of Education as well as qualification in the field of Tahfiz; Priority is also given to applicant who has certificate in memorizing 30 juzu' of al-Quran.
	Shariah & Law	Islamic Criminal Law/ Civil Law/ Arab Law/ Comparative International Law	LLB Degree
Academy of Malay Studies	Socio-Culture / Malay Arts	Malay Arts/ Music Arts/ Performing Arts/ Calligraphy Arts	PhD (Malay Arts)
		Malay Socio-Cultural/ Malay Economics/ Tourism	PhD Malay Socio-Cultural
	Department of Malay Linguistics	General Linguistics (Morphology, Syntax, Semantics, Phonetics & Phonology)	PhD (Linguistics)
	Department of Malay Language	Applied Malay Language/ Multimedia/ Information Technology/ Course Software Development for Malay Language	PhD Malay Language & Multimedia/ Information Technology/ Course Software Development for Malay Language
Faculty of Arts & Social Sciences	Chinese Studies	Malaysian Chinese Studies/ Chinese Literature Classic/ Chinese Literature Modern	
	East Asian Studies	Japanese Language, Culture & History	Native Japanese
		Chinese Language, Culture & History	Native Chinese
	English	Literary Theory/ American Literature/ Creative Writing/ Drama	
	Gender Studies Programme	Gender Equality & Artificial Intelligence or Gender Equality & IR 4.0	
	Geography	Geomorphology/ Transport Geography	
	International & Strategic Studies	International Relations/ International & Political Safety & National Policy	
Social Administration And Justice	Social Work (Disability Studies)/ Social Work (Social Work Education)		
Media & Communication Studies	Professional & Creative Writing/ Mobile Journalism		
Faculty of Built Environment	Architecture	Sustainable Architecture	Bachelor Science in Architecture Master in Architecture;  PhD in Architecture (Sustainable Architecture)

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	Building Surveying	Building Science & Performance	PhD or equivalent experience in Computational Fluid Dynamics Modelling/ Building Services Engineering/ Buildings/ Energy Systems/ Related Quantitative Field; It is desirable for the candidates to have a focus on sustainable Built Environment as well as Environmental Design or Energy Performance Studies; & ideally from multi-disciplinary perspectives.
	Estate Management	Property Development	Preferably registered valuer with the Board of Valuers, Appraisers, Estate Agents & Property Managers Malaysia (BOVEAP).
		Business Valuation	Can be considered either International (registered with RICS) or Malaysian (preferably registered with BOVEAP)
	Quantity Surveying	Construction Law & Contract	Bachelor of Quantity Surveying (Accredited by Board of Quantity Surveyors Malaysia) & Master/ PhD (Construction Law/ Construction Contract or related areas)
		Project Management	Bachelor (Civil Engineering/ Mechanical & Electrical Engineering) & Master/ PhD (Project Management)
	Urban & Regional Planning	Urban Economics, Heritage Conservation/ Urban Design Environmental Planning, Regional Planning	
Faculty of Business & Accountancy	Accounting	Financial Accounting	IT/ Forensic
		Financial Accounting - AIS	Data Analytics
		Management Accounting	
	Business Policy & Strategy	Entrepreneurship	Phd (Entrepreneurship/ Human Resource Management/ Leadership/ Management)
		International Business Management	PhD (International Business Management, Innovation Management, Organizational Behavior/ Globalization)
		Business Law	PhD, Law Master Degree (LLM), Bachelor of Laws
	Operations & Management Information Systems	Accounting Information Systems	Bachelor/ Master in Accounting & PhD in Computing or Information Systems; Experience in SAP is added Advantage.
		Big Data Analytics	PhD in Information Systems or Computing or Mathematics - Additionally has been involved in research using big data.

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		Financial Technologies (Fintech)	PhD in Information Systems or Computing - Additionally has been involved in research on Fintech.	
Faculty of Computer Science & Information Technology	Artificial Intelligence	Machine Learning/ Deep Learning/ Speech Processing/ Distributed AI	PhD in Computer Science or Artificial Intelligence with specialization in the areas listed	
	Computer System & Technology	Multimedia Data Processing/ Digital Design/ Cyber Security/ Internet of Things	PhD/ research in related fields	
	Information Systems	Big Data/ Data Analytics/ Decision Making/ Data Mining/ Information Security & Privacy/ Information Forensics	PhD (Information Systems/ Information Technology/ Computer Science/ Data Sciences	
	Software Engineering	Software Architecture, Modelling & Design/ Embedded Real-time Systems/ Agile Project Management/ Programming Languages & Systems/ Project Management in Industry 4.0/ Security, Reliability & Privacy/ Parallel, Distributed & Concurrent Systems	Ph.D in Software Engineering	
Faculty of Dentistry	Community Oral Health & Clinical Prevention	Jurisprudence & Professional Ethics/ Evidence Based Dentistry/ Epidemiology of Oral Health Conditions/ Health Financing		
	Oral & Craniofacial Sciences	Craniofacial Biology	Malaysian BDS, MDSc/ MClindent/ PhD	
	Oral & Maxillofacial Clinical Sciences	Oral Maxillofacial Radiology	BDS, MDSc (with oral radiology component)	
	Paediatric Dentistry & Orthodontics	Paediatric Dentistry	Master, MClindent or Doctor in Paediatric Dentistry or equivalent; PhD with specialization in the areas of Paediatric Dentistry; Membership in Paediatric Dentistry by the royal colleges of UK or FRACDS in Paediatric Dentistry	
	Restorative Dentistry	Prosthodontics		BDS/ DDS/ MClindent in Clinical Prosthodontic/ Restorative Dentistry/ MDSc in Prosthodontic/ Restorative/ MSc Clinical Prosthodontic
			Operative Dentistry	BDS/ DDS/ MClindent in Clinical Prosthodontic/ Restorative Dentistry/ MDSc in Prosthodontics @ Restorative/ MSc Clinical Prosthodontic
			Endodontics	BDS/ MClindent in Endodontic; Dclindent in Endodontic
			Periodontology	BDS/ MClindent (Periodontology), MDSc/ MSc (Clinical Periodontology), Dclindent in Periodontology
Faculty of Economics & Administration	Administrative Studies & Politics	International: Public Finance/ Local Government (Management, Finance, Public Management)/ Sociology	International: PhD with specialization in the areas listed	

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	Applied Statistics	International: Actuarial Statistics/ Experimental Design/ Biostatistics	International: PhD with specialization in the areas listed
	Development Studies	International: Agriculture Business Development/ Poverty & Inequality/ Development Theory & Practice	International: PhD with specialization in the areas listed
	Economics	International: Labor Economics/ Urban & Land Economics/ Behavioral Economics/ Industrial Organization	International: PhD with specialization in the areas listed
Faculty of Education	Educational Psychology & Counseling	Early Childhood Education/ Educational Psychology/ Measurement & Evaluation/ Counseling/ Special Education	
	Education Management, Planning & Policy	Education Policy/ ICT in Education Management	
	Educational Foundation & Humanities	Islamic Education/ Art Education/ Educational Sociology	
	Language & Literacy Education	Arabic Language Education/ TESL	
	Mathematics & Science Education	Science Education	
Physical & Health Education			
Faculty of Engineering	Biomedical Engineering	Bio-design in Biomedical Engineering/ Healthcare Engineering, Planning & Design/ Solid/ Continuum Mechanics/ Precision Moulding/ Software & Bio-robotics Engineering/ Nano Technology in Biomedical Engineering/ Engineering Analysis & FEA Modeling of the Human Body/ Drug Delivery/ Engineering Mechanics for Biomedical Engineering	PhD in related area
	Chemical Engineering	Mathematics & Simulation/ Process Control/ Transport Phenomenon (in Particular Momentum Transfer)/ Thermodynamics/ Particle Technology (in Particular Air Pollution & Fluidization)	
	Civil Engineering	Construction Management/ Soil/ Geotechnical Engineering/ Structural Engineering/ Survey/ Mathematical & Computer Modelling	PhD in the areas listed with some teaching experience

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	Electrical Engineering	IC Design/ Embedded Systems/ Nanotechnology/ Optical Communication Systems/ Data Analytics/ Machine Learning/ Adaptive Control/ Robotics/ Electrical Machines & Drives/ Instrumentations & Process Control/ Power Electronics/ Renewable & Sustainable Energy/ Energy Conversion & Storage/ Electrical Utilization	PhD in related area, preferably with industrial &/ or teaching experiences
	Mechanical Engineering	Control Engineering	PhD in related area with teaching experience in Electrical Engineering, Instrumentation, Control Engineering
		Fluid Mechanics	PhD in related area with teaching experience in Fluid Mechanics
		Computational & Optimization	PhD in related area with teaching experience in Numerical Methods & Computational Methods
		Thermal Engineering	PhD in related area with teaching experience in Thermal Engineering and Heat Transfer; 5 years industrial working experience.
		Solid Mechanics	PhD in related area with teaching experience in Mechanics of Material.
		Manufacturing Planning and Control	PhD in related area with teaching experience in Manufacturing Management, Engineering Economics & Project Management.
Faculty of Languages & Linguistics	Asian & European Languages	Language Teaching & Learning (Spanish, German, Italy)	<p>A PhD in Applied Linguistics or Theoretical Linguistics, or a related field in any of the languages stated;</p> <p>A strong commitment to teaching, with teaching experience at the tertiary level;</p> <p>A good scholarly publication record with significant contribution to knowledge; &amp;</p> <p>Knowledge of curriculum planning &amp; materials development.</p>

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	English Language	General Linguistics (eg. Morphology, Syntax, Semantics, Phonetics & Phonology)	A PhD in Applied Linguistics or Theoretical Linguistics, or a related field in any of the languages stated above; A strong commitment to teaching, with teaching experience at the tertiary level; A good scholarly publication record with significant contribution to knowledge; & Knowledge of curriculum planning & materials development.
	Malaysian Languages & Applied Linguistics	Translation Studies (Chinese/ English Languages) Translation Studies (Tamil/ English Languages)	A PhD in Applied Linguistics or Theoretical Linguistics, or a related field in any of the languages stated; A strong commitment to teaching, with teaching experience at the tertiary level; A good scholarly publication record with significant contribution to knowledge; & Knowledge of curriculum planning & materials development.
Faculty of Law	-	Alternative Dispute Resolution/ Banking & Finance Law / English for Law/ Environment Law/ Human Rights Law/ Indigenous Law/ Islamic Law/ Law & Economics	
Faculty of Medicine	Anatomy	Clinical Anatomy	MBBS & PhD
	Anesthesiology	Vascular	Master in Anaesthesiology (MAnest) or FANZCA or equivalent, with relevant training in Vascular Anaesthesia.
		Paediatric	Master in Anaesthesiology (MAnest) or FANZCA or equivalent, with or relevant training in Paediatric Anaesthesia.
		Cardiothoracic	Master in Anaesthesiology (MAnest) or FANZCA or equivalent, with relevant training in Cardiothoracic Anaesthesia.
		Intensive Care	Master in Anaesthesiology (MAnest) or FANZCA or equivalent, with relevant training in Intensive care.
	Biomedical Imaging	Nuclear Medicine Physicist	PhD & relevant experience in Nuclear Medicine Physics.

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		Cardiac & Thoracic Imaging Radiologist	MRad or FRCR & relevant experience in Cardiac & Thoracic Imaging
		MSK Imaging Radiologist	MRad or FRCR & relevant experience in MSK Imaging
		Neurointerventional Radiologist	MRad or FRCR & relevant experience in MSK Imaging
	Biomedical Science	Haematology & Blood Transfusion	PhD
	Clinical Oncology	Physicist	Master/ PhD (Physics)
		Oncologist	NSR
	Medical Microbiology	Clinical Immunology/ Clinical Bacteriology/ Clinical Virology/ HIV/ Clinical Mycology	MBBS/ MD/ Mpath/ MRCPPath
	Medicine	Neurology	Stroke: Lecturer in 3 <sup>rd</sup> year of Neurology subspecialty training.
			General Neurology: MMed/ MRCP & completed KKM gazettement
		Nephrology	MBBS, Master in Internal Medicine (MMed)/ MRCP
		Endocrinology/ Diabetology	Consultant Endocrinologists: Completed subspecialty training in Endocrinology
			Physicians: MRCP/ MMed Internal Medicine or equivalent (who will undergo training in endocrinology & eventually become Consultant Endocrinologists)
			Biostatistician
		Haematology	Master in Internal Medicine (MMed)/ MRCP
		Geriatric Medicine	Neurophysiology (Basic degree, Master )
Geriatrician (MRCP/ MD/ Phd) with expertise in Community Geriatrics; Specialist in Geriatric Medicine with commensurate qualifications, leadership and interpersonal skills			
Lecturers in Geriatric Medicine/ Trainee specialist in Geriatric Medicine or Career Medical Officers in Geriatric Medicine			
Cardiology	MBBS/ MRCP/ Phd With experience in Electrophysiology  Lecturer in cardiology with MBBS/ MRCP to pursue training in - Valvular Intervention, Electrophysiology & Structural Heart Disease		
Dermatology	MRCP or Master of Internal Medicine (MMed)		

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		Infectious Diseases	MMed/ MRCP (General ID with an interest in Tropical Medicine, Travel Medicine & Epidemiology);  MMed/ MRCP (General ID with an interest in HIV Medicine, STD/ GUM & Epidemiology);  MMed/ MRCP (General ID with an interest in Infection Control, Antimicrobial Resistance & Surveillance, Epidemiology)
		Respiratory	Respiratory & Critical Care Medicine – Trained or with attachment/ experience in Acute Respiratory & Critical Care Medicine/ Respiratory Physician/ Internal Medicine;  General Respiratory – Respiratory Physician/ Internal Medicine
		Rheumatology	MRCP/ Masters
		Palliative Medicine	MBBS, MRCP, Master  Request for a MO to train through Internal Medicine Specialization and subsequent Subspeciality Training in Palliative Medicine in anticipation of retirement of a member of staff in 5 years+
		Gastroenterology	MMed/ MRCP
	Molecular Medicine	Biochemistry or Clinical Biochemistry with specialization in Molecular Biology &/ or Bioinformatics	PhD in the related areas listed
	Nursing Science	Midwifery or Maternal & Child Health/ Public Health Nursing/ Mental Health Nursing/ Pediatric Nursing/ Orthopedic Nursing/ Ophthalmology Nursing/ Eye, Nose & Throat Nursing	PhD (Field of Nursing), related Master Degree, Bachelor in Nursing is a <b>MUST</b> ; Registered Nurse; Possess current Annual Practicing Certificate (APC) for nurses or Temporary Practicing Certificate (TPC) for foreigners; Possess post basic qualification: Midwifery or Maternal & Child Health/ Public Health Nursing/ Mental Health Nursing/ Pediatric Nursing/ Orthopedic Nursing/ Ophthalmology Nursing/ Eye, Nose & Throat Nursing; Has a minimum of five (5) years clinical working experience.
	Obstetrics & Gynaecology	Urogynecology	MRCOG/ CCT (Urogynae)
		Fetomaternal Medicine	MRCOG/ CCT (FMM)



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	Ophthalmology	Vitreoretinal Surgery	FRCOphth (or equivalent)/ CCT; NSR registered; Fellowship in Vitreoretinal Surgery in Unit with Paediatric Vitreoretinal experience
		Paediatric/ Ophthalmology/ Glaucoma	MSOphth/ FRCOphth; NSR registered
	Otorhinoaryngology (ENT)	Otorhinoaryngology & Head & Neck Surgery	Masters of Otorhinolaryngology & Head & Neck Surgery; or FRCS in Otolaryngology.  Specialists passionate in research, teaching and all academic pursuits;  Special interest in Vestibular Disorder/ Rehabilitation (including corresponding research)
	Orthopaedic Surgery	Paediatric Orthopaedic	MS (Ortho) or equivalent; Fellowship in Paediatric Orthopaedic Surgery preferred
		Sports Orthopaedic	MS (Ortho) or equivalent
		Trauma Orthopaedic	MS (Ortho) or equivalent; Fellowship in Paediatric Orthopaedic Trauma Surgery preferred
	Parasitology	Medical Parasitology	MBBS or Mpath
		Immunology	PhD
	Pathology	Chemical Pathology in Metabolic Medicine	MBBS/ equivalent; FRCPA or FRCPATH
		Haematology - Molecular Haematology	MBBS/ equivalent; PhD; FRCPA or FRCPATH
		Anatomical Pathology - Respiratory Pathology - Gynaecologic Pathology	MBBS/ equivalent; FRCPA or FRCPATH
	Paediatric	Neonatology Intensive Care Unit (NICU)/ Respiratory & Allergy/ Cardiology/ Haematology, Oncology & Bone Marrow Transplantation/ Community Paediatrics & Child Development/ Infectious Disease	MBBS or equivalent & MPaed or MMed (Paed) or MRCPCH
	Physiology	General Human Physiology	PhD in Physiology or any related fields
	Primary Care Medicine	Primary Care Medicine	MRCGP/ FRACGP/ MMed (Family Medicine)
	Psychological Medicine	Psychogeriatric/ Child Psychiatry	MBBS & MPM
Clinical Psychologist		Master Clinical Psychology	

Responsibility Centre	Department	Areas of Expertise	Specific Requirements	
	Rehabilitation Medicine	ICU Rehabilitation/ Cancer Rehabilitation	Master of Rehabilitation Medicine, Universiti Malaya American Board of Physical Medicine & Rehabilitation Fellow of the Australasian Faculty of Rehabilitation Medicine (RACP) Subspecialty training in Cancer/ ICU Rehabilitation PhD is an additional advantage	
	Social & Preventive Medicine	Occupational & Environmental Health/ Health Management, Health Systems & Behavioral Sciences/ Global Health/ Public Health Diet & Nutrition/ Professional Epidemiology/ Healthcare Analytics & Modelling	Registered Public Health Medicine Specialist or PhD	
	Surgery	Upper Gastrointestinal / Bariatric Surgery/ Vascular Surgery / Plastic & Reconstructive Surgery/ Endocrine Surgery	Preferably at least 5 years' experience post-subspecialty training (e.g. MS + Fellowship in UGI + 5 years as UGI consultant); MD/PhD is an additional advantage.	
Faculty of Science	Chemistry	Bioorganic Chemistry, Nanochemistry, Computational Chemistry, Electrochemistry, Organometallic, Industrial Chemistry/ Process Chemistry		
	Geology	Digital Rock Analysis & Petrophysics / Engineering Geology & Geohazards / Petroleum Geophysics / Structural Geology		
	Institute of Biological Sciences	Biotechnology		
		Animal Biotechnology		B.Sc Biotechnology or B.Sc Biology, PhD Animal Biotechnology or Animal Breeding
		Bionanotechnology		B.Sc Biotechnology or B.Sc Material Science, Ph.D Bionanotechnology or Material Science (Biological System) or Colloid Science
		Ecology Biodiversity		
		Animal Behaviour & Physiology		BSc in Biodiversity or Zoology PhD in Animal Behaviour & Physiology
		Biochemistry		
		Chemistry		BSc Biochemistry or BSc Chemistry, PhD Biochem or Chem
		Nutrition		BSc Biochemistry, PhD Nutrition or Biochem
		Environmental Science & Management		
Environmental Health, Safety & Risk Management			Ph.D in Environmental Health, Safety & Risk Management	

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		Air Pollution/ Air Quality Management	Ph.D in Air Pollution/ Air Quality Management/ Climate Science
		Microbiology	
		Fermentation/ Bioprocess Technology	Good linkages with industry; Bioengineering-related Research
	Institute of Mathematical Sciences	Actuarial Science	Passed all Qualified IFoA paper / PhD in related areas.
		Analysis/ Cryptography/ Complex Analysis/ Data Science / Financial Mathematics/ Geometric Modelling/ Operation Research/ Optimization	PhD
	Physics	Radiation Physics/ Plasma Related Technology	With teaching experience & good research record
	Science & Technology Studies	Policy & Management in Science	Phd in Policy of Science & Technology or Phd in Management of Science 3 years working or teaching experience
Faculty of Pharmacy	Clinical Pharmacy & Pharmacy Practice	Pharmacoepidemiology/ Social Pharmacy/ Clinical Pharmacy	Bpharm & PhD
	Pharmaceutical Technology	Industrial Pharmacy/ Pharmaceutics	
	Pharmaceutical Life Sciences	Clinical Pharmacology	
Centre for Foundation Studies in Science	Biology Division	Genetics/ Biotechnology	PhD in the fields listed
	Chemistry Division	Organic Chemistry – Polymer Synthesis/ Inorganic Chemistry – Coordination Chemistry	
	Mathematics Division	Computational Mathematics/ Applied Mathematics/ Operational Research/ Numerical Analysis	
	Physics Division	Advanced Material Physics/ Computational Physics/ Physics in Education	
	Special Preparatory Program to Enter Japanese Universities	Japanese Language Studies	
Centre for Sports & Exercise	Sports Management	Sports Management/ Sports Marketing/ Sports Media/ Sports Law	

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Sciences	Strength & Conditioning	Physical Conditioning Resistance Training/ Functional Training	At least 3 years' experience as a Strength and Conditioning Practitioner/ Fitness Instructo / Personal Trainer; Experience lecturing/ teaching; physical conditioning/ resistance training; Research experience in the area of strength & conditioning/ Exercise Science
	Science Exercise	Sports Psychology	
Cultural Centre	Dance	Art Management	Master of Fine Arts
		Movement Analysis	Certified Movement Analyst (CMA)
		Performance Studies/ Practice-Led Research or Research-Led Practice/ Dance Criticism	
	Drama	Scenography (Lighting & Sound, Set & Props, Make Up & Costume, Theatre Technology) / Vocal & Movement for Acting / Management	Professional Certificate in the areas listed & practical experience
	Music	Vocal Performance/ Piano Performance/ Music Education/ Ethnomusicology	DMA; PhD
	Visual Art Programme	Critical Museum/ Curatorial/ Heritage Studies	Obtained a PhD in Art/ Architecture History, Cultural Studies, Visual/ Film Studies, Cultural Anthropology, Curatorial Studies, Museum Studies, Critical Heritage Studies, or Digital Humanities;  Relevant experience teaching in a higher education environment;  Reading & speaking proficiency in languages other than English.
Studio/Art Practice (Conceptual Art)		Having an expertise in Fine Arts, Studio teaching for experimental, performance art, conceptual art; Having strong expertise and publications in research by practice.	
Centre for Research in Biotechnology for Agriculture	-	Agricultural Biosecurity	Experience in Biosecurity Policy, Legislation & Regulation
		Insect Biotechnology/ System Biology	
Institute of China Studies	-	China Studies pertaining to fields of Political, Social & Economic Development	
Institute of Ocean & Earth Sciences	-	Crop Mariculture, Ecophysiology & Multiomics Stress Response	
		Fish Taxonomy, Ichthyology, Fish Phylogenetics, Marine Fish Biodiversity	
International Institute of Public Policy & Management	-	Public Policy/ Economy & Management/ Law	

Responsibility Centre	Department	Areas of Expertise	Specific Requirements
Nanotechnology & Catalysis Research Centre	-	Biochemistry (DNA PCR)/ Functional Materials (Single Crystal Synthesis) / Nanomaterial Synthesis (Graphene/ CNT/ Hybrid Metal) / Organic Synthesis (Nitrogen heterocyclic)/ Reaction Chemical Engineering (Homogeneous/Heterogeneous Catalyst)	PhD with experience in the research areas.
Photonics Research Centre	-	Nanophotonics	Degree (Physics/ Engineering) PhD (in Nanophotonics)
		Optical Fiber Sensors	Degree (Physics/ Engineering) PhD (in Optical Fiber Sensors)
		High Power Fiber Laser	Degree (Physics/ Engineering) PhD (in High Power Fiber Laser)
		Optical Waveguide Modeling	Degree (Physics/ Engineering) PhD (in Optical Waveguide Modelling)
		Quantum Communication	Degree (Physics/ Engineering) PhD (in Quantum Communication)
		Radio Frequency Over Optical Fiber	Degree (Physics/ Engineering) PhD (in Radio Frequency over Optical Fiber)
		Optical Network	Degree (Physics/ Engineering) PhD (in Optical Network)
		Microfiber	Degree (Physics/ Engineering) PhD (in Microfiber)
		Fiber Grating & Fiber Sensors	Degree (Physics/ Engineering) PhD (in Fiber Grating & Fiber Sensors)
		Optical Material	Degree (Physics/ Engineering) PhD (in Optical Material)
Tropical Infectious Diseases Research & Education Centre	-	Bacteria Taxonomy & Systematic / Anti-Infective)	PhD with specialization in the areas listed/ Microbial Systematics/ Expert in Actinobacteria/ Experience in Natural Compound Extraction / Experience in Grant Writing & Management
		Drug Discovery (Against Viruses)	PhD with specialization in the area listed; Experience working with Natural Compounds & Synthesis Compounds; Experience working <i>in Silico</i> , <i>in vitro</i> & <i>in vivo</i> ; Conducted training, teaching & supervising; Nationally & internationally collaboration; Running services for industrial company & generate income for Centre & University

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		Highly Virulent Pathogen / High Containment Laboratory	PhD with specialization in the areas listed/ Work experience in BSL3 required/ Experience in Biosafety & Biosecurity (BSL1-3)/ Experience in Biorisk Management/ Experience in grant writing & management
		Immigrants Health/ Infectious Diseases Transmission	PhD with specialization in the areas listed/ National & international collaboration/ Proven ability to lecture, supervise or provide training in the area listed/ Proven ability to write and publish with at least 5 publications in the relevant field in the past 3 years/ Proven ability to write grant proposal & to manage research grant
		Infection Immunology/ Immuno-modulation/ in Vivo Experimental Models	PhD in Immunology or in related discipline; At least 5 years research experience in infection immunology (particularly in innate & T-cell immunity, cell-autonomous immunity; Expertise in small animal models, multi-parameter flow cytometry & immunoassays; Scientific Training for Laboratory Animal Science Multi-Parameter Flow Cytometry in grant writing & ethics submissions; Excellent oral & written communication skills
		Virus evolution & molecular systematics	PhD; At least 10-year experience working with vector-borne viruses; Must be trained to work in a BSL2/BSL3 environment; ability to provide biosafety training will be an advantage; Proven ability to lecture, supervise or provide training in the area listed; Proven ability to write & publish with at least 5 publications/book chapters/books in the relevant field in the past 3 years; Proven ability to write grant proposal & to manage research grant, experience in handling international grants will be an advantage.

Responsibility Centre	Department	Areas of Expertise	Specific Requirements
UM Power Energy Dedicated Advanced Centre	-	Smart Grid/ Motor & Drive (Transportation)/ Energy Resources Engineering/ Green Energy Computing/ Material Science & Engineering/ Power System Economy & Policy	PhD with minimum 2 years Post-Doctoral experience