



GUIDELINE FOR UNIVERSITI MALAYA (UM) MATCHING GRANT

1.0 INTRODUCTION

The **UM Matching Grant** represents Universiti Malaya's commitment to supporting researchers in conducting collaborative research with external partners, particularly from industry and international institutions. This initiative aims to help researchers secure research funding from private, industrial, and/or international agencies, thereby advancing collaborative research that generates meaningful impact with external collaborators. The matching grant serves to strengthen strategic partnerships and foster closer research collaborations by partially funding the project costs or covering additional expenses related to the research project. This initiative is expected to provide researchers with opportunities to establish and strengthen collaborations with industry and international partners.

2.0 OBJECTIVES

The **UM Matching Grant** is established to encourage researchers to undertake collaborative research with industry partners and/or international collaborators, and subsequently to secure external research grants from private, industrial, and/or international institutions to Universiti Malaya. This initiative aims to achieve the following objectives:

- 2.1 To promote and strengthen collaborative research partnerships
- 2.2 To enhance the impact of research projects
- 2.3 To attract potential collaborators for the establishment of research partnerships

3.0 SCOPE AND AREA OF RESEARCH

3.1 Each proposed research project must align to the ten (10) strategic thrust areas of UM:

- i. Nuclear Energy and New Energy Transition
- ii. Food Sustainability and Security
- iii. Semiconductor and Chips
- iv. Nanotechnology and Quantum Exploration
- v. Artificial Intelligence and Digital Robotic Realms
- vi. Space Science and New Engineering Spectrum
- vii. Defence And Security Assets and Inventory Innovation and Creation
- viii. Rare Earths and Critical Minerals
- ix. Comprehensive Medical and Health Spectrum Excellence
- x. Social Science Advancement in Economic, Smart Finance, Societal, International Norms and Law, And Geopolitical Spectrum for The Nation and The World.*

*The research areas include Creative and Cultural Innovation, Literature and the Humanities.

4.0 ELIGIBILITY CRITERIA

This grant is open to all researchers in UM:

- 4.1 This grant is open to all UM researchers (permanent or contract).
- 4.2 At the time of application, the applicant must have at least one year of service remaining before retirement or the end of contract.

5.0 TYPES OF UM MATCHING GRANT

		1. Incentive Grant	2. Partnership Grant	3. Institutional Matching Grant	4. Institutional Exchange Grant
5.1	Description	Incentivise individual researchers who secure external funding from the agency	A matching grant encouraging individual-level partnership	A matching grant designed to foster collaboration at the institutional level	A matching grant encouraging inter-institutional grants
5.2	Requirement				
	Negotiation status	The principal investigator has secured an industry/international grant.	Researchers intending to apply are required to contact the secretariat when negotiating with external partners.		
	Supporting document	Memorandum of Agreement (MoA) or equivalent	Memorandum of Agreement (MoA) or equivalent	Memorandum of Agreement (MoA) or equivalent	Memorandum of Agreement (MoA) or equivalent
	Minimum grant received	Science & Technology: RM 20,000.00 Social Science: RM5,000.00	For contributions in the form of cash, the minimum required amount is: Science & Technology: RM 20,000.00 Social Science: RM5,000.00	Subject to agreement.	Subject to agreement.

			For in-kind contributions, the minimum value must be more than RM50,000.		
5.3	Type of external partner	<ul style="list-style-type: none"> ▪ Industry Partner ▪ Non- Governmental organisation (NGO) ▪ Private agency ▪ International Partner 	<ul style="list-style-type: none"> ▪ Industry Partner ▪ Non- Governmental organisation (NGO) ▪ Private agency ▪ International Partner 	<ul style="list-style-type: none"> ▪ Industry Partner ▪ Non- Governmental organisation (NGO) ▪ Private agency ▪ International Partner 	<ul style="list-style-type: none"> ▪ International Partner
5.4	Project duration	Maximum 24 months or 12 months after the completion of the main project	Subject to agreement.	Subject to agreement.	Subject to agreement.
5.5	Eligible period of application	Within six (6) months of the opening of the account	Subject to agreement.	Subject to agreement.	Subject to agreement.
5.6	Eligibility Criteria	A Principal Investigator who has received a Contract Research Grant from private/industry/international institutions is eligible to apply for the UM Matching Grant. The amount of grant considered for matching only includes allocations that have been credited into UM's account and directly utilised for research activities. This excludes honorarium, staff cost, consultancy, and	<p>Each researcher is eligible to submit one application per awarded project.</p> <p>If the disbursement is made in stages, the matching grant will also be provided in stages.</p>		

		<p>allowance. Only clinical trial research and consultancy projects managed by the Department of Research Management are eligible for this grant.</p> <p>Each researcher is eligible to submit one application per awarded project.</p> <p>If the disbursement is made in stages, the matching grant will also be provided in stages.</p>			
5.7	Fund Allocation				
	Funding Ratio (UM:Collaborating Partner)	Cash contribution 1:3	Cash contribution 1:1 In-kind contribution 1:1, taking into consideration in-kind contributions provided by UM	Cash contribution 1:1	Cash contributions 1:1

Allocation from the Collaborating Partner	Based on the MoA or equivalent.	Based on the Memorandum of Agreement (MoA) or equivalent.	Based on the Memorandum of Agreement (MoA) or equivalent.	Based on the Memorandum of Agreement (MoA) or equivalent.
Status of Funding Received from Collaborating Partner	Received	Upon agreement	Upon agreement	Upon agreement
Allocation from UM	Maximum to RM50,000	Cash contribution up to RM100,000. In-kind contribution up to RM50,000.00	Upon agreement	Upon agreement
Transferability Outside UM	No	No	No	Yes
Source of funding from UM	Research University Allocation (PUP)	Research University Allocation (PUP)	Research University Allocation (PUP)	UM internal allocation

Note:

* Allocation of the matching grant is contingent upon the panel's recommendation and the availability of funds.

6.0 SCOPE OF FUNDING

Funds from the UM Matching Grant may be utilised under the following categories for expenses related to the research project.:

Vot	Categories
11000	<p>Wages and Allowances</p> <ul style="list-style-type: none"> ▪ Temporary or Contract Research Assistant who is directly involved in the research project.
21000	<p>Travel and Transportation</p> <ul style="list-style-type: none"> ▪ A maximum of ONE (1) visit or conference per year is allowed during the duration of the project. ▪ Travel is limited to Economy Class and shall be via the shortest travel route. ▪ No transfer of allocation between categories is permitted.. ▪ Travel is only permitted for the Project Leader/Co-Researcher and the Graduate Research Assistant (GRA) for meetings with collaborators or visits to the collaborator's institution/agency.
24000	<p>Rental</p> <p>Rental for buildings, equipment, transportation, and other items directly involved in the research.</p>
27000	<p>Research Materials and Supplies</p> <p>Expenses are limited to research materials and supplies directly related to the research.</p>
28000	<p>Minor Repairs and Modifications</p> <p>Expenses are limited to minor modification and maintenance of equipment or items directly related to the project. Laboratory and office renovations are not allowed.</p>
29000	<p>Professional Services</p> <p>Covers expenses for professional or specialized services such as consultancy, payment for enumerators, use of computer facilities, chemical analysis, and data processing. Researchers are required to submit the Terms of Reference (TOR) for any consultant appointed under</p>

	the project. Payments to international collaborators are not covered under the UM Matching Grant.
35000	<p>Minor Equipment</p> <p>Only the purchase of special equipment and accessories (including accessories that enhance the capability of existing equipment) directly related to the project, is allowed.</p>

7.0 PROJECT SELECTION CRITERIA

- 7.1 The expansion of activities or scope of the original project must be well-justified, technically feasible, have achievable outcomes, and demonstrate potential for further development.
- 7.2 Research competence. The research team must demonstrate strong competency, with a proven record of research success and clearly defined expected outcomes.

8.0 OWNERSHIP AND USE OF R&D EQUIPMENT

All R&D equipment purchased under this grant shall remain the property of UM. Such equipment is not for the exclusive use of the researcher and must be made available for shared use with other UM researchers.

9.0 EXPECTED RESEARCH OUTPUTS

The expected research outcome for every RM25,000 is:

- (i) One (1) publication; OR
- (ii) One (1) new MoA or equivalent; OR
- (iii) One (1) IPR (patent)

This requirement is in addition to the KPI obligations set by the external grant.

10.0 APPLICATION PROCEDURE

10.1 Required Documents

- i. Application form
- ii. External collaboration grant offer letter (private/industry/international) or agreement document for the collaboration (if applicable)
- iii. Complete research proposal that has been approved
- iv. Total allocated funding

10.2 Submission

The UM Matching Grant application must be submitted to:

- i. Incentive Grant

Director
Research Grant Management Centre (PPGP)
Research Management Department
Level 7, Research and Innovation Management Complex
University Malaya
50603 Kuala Lumpur
Email: ppgp@um.edu.my

- ii. Partnership Grant, Institutional Matching Grant and Institutional Exchange Grant

Director,
Research Funding Centre
Research Development Department
Level 4, Research Management & Innovation Complex
Universiti Malaya
50603 Kuala Lumpur
Email: researchfunding@um.edu.my

11.0 COMPOSITION OF THE EVALUATION COMMITTEE MEMBERS

Each application received will be reviewed and evaluated by the Evaluation Committee, which consists of:

- i. Deputy Vice Chancellor (Research and Innovation) or representative
- ii. Executive Director, Department of Research Development
- iii. Executive Director, Research Management Department
- iv. Director, Research Funding Centre
- v. Director, Research Grant Management Centre
- vi. Finance Officer
- vii. An academic with the rank of Senior Lecturer or an expert in the relevant field

Appendix 1: Glossary

<p>Non-Governmental Organization (NGO))</p>	<p>A non-profit organization established voluntarily by individuals or groups in the local, national, or international community to address issues related to public interest. NGOs are typically independent of government control and play a role in providing humanitarian services, advocating for human rights, monitoring policies, and promoting community involvement in development processes and public policy.</p>
<p>Memorandum of Agreement (MoA)</p>	<p>A written document that outlines the cooperative relationship between two parties who intend to collaborate on a project or achieve mutually agreed-upon objectives. The MoA is more formal than a verbal agreement but less formal than a contract. It is commonly used in the transfer of funds or other resources between agencies.</p> <p>Equivalent documents include:</p> <ol style="list-style-type: none"> 1. Research Collaboration Agreement (RCA) 2. Contract Agreement 3. Grant Agreement 4. Letter of Award (LoA) 5. Consortium Agreement 6. Service Agreement
<p>Memorandum of Understanding (MoU)</p>	<p>A document that describes a bilateral or multilateral agreement between the parties involved. It outlines the mutual intentions of the parties to take joint actions. An MoU is typically used in situations where the parties do not wish or are unable to formalize a legally enforceable contract.</p>
<p>Industry partner</p>	<p>A company, organization, or entity within the industrial sector that forms a strategic partnership with research or academic institutions for the purpose of development, innovation, or the execution of joint projects.</p>

International partner	Institutions, organizations, agencies, or foreign entities that establish formal cooperation with local institutions for the purpose of research, development, education, or the implementation of joint projects.
In-kind	The value of non-cash contributions provided by collaborative partners who support the implementation of the research project, including contributions such as facilities, equipment, consumables, labor, workspace, technical or creative services, and similar resources throughout the duration of the project
Letter of Intent (LoI)	A preliminary document that outlines the initial commitment or mutual understanding between two parties before a formal contractual agreement is signed.

Lampiran 2: Flow Chart

