

Information on Postgraduate Research Scholarship - Ref: M ³ 4Impact					
Faculty:	Engineering and Science	Department:	Computing and Mathematical Sciences		
Lead Supervisor:	See list of available scholarships				
Project Title:	M ³ 4Impact – PhD Student Scholarships				
Project Description: Duration:	Engineering and ScienceDepartment:Computing and Mathematical SciencesSee list of available scholarships				

Bursary available (subject to satisfactory performance):

Rates below are for full time (FT) mode, part time (PT) is pro rata.

Year 1: $\pm 23,237$ ($\pm 19,237$ UKRI rate + London weighting = $\pm 2,000$ + Enhanced bursary = $\pm 2,000$) Year 2: In line with UKRI rate + London weighting = $\pm 2,000$ + Enhanced bursary = $\pm 2,000$ Year 3: In line with UKRI rate + London weighting = $\pm 2,000$ + Enhanced bursary = $\pm 2,000$ Year 4^{*}: In line with UKRI rate + London weighting = $\pm 2,000$ + Enhanced bursary = $\pm 2,000$

In addition, the successful candidate will receive a contribution to tuition fees, equivalent to the University Home Rate, currently \pm 4,712 (FT) or pro-rata (PT), for the duration of their scholarship. International applicants may need to pay the remainder tuition fee for the duration of their scholarship.

This fee is subject to an annual increase.

* The bursary is for 3 years with a potential extension of up to a maximum of 12 months. Funding extensions may be granted if the student demonstrates, to the satisfaction of the M³4Impact Principal Investigators and PhD supervisors, that the thesis can be completed during the granted extension period.

Criteria:		
Educa	tion and Training:	
•	1 st Class or 2 nd class, First Division (Upper Second Class) honours degree or a taught master's degree with a minimum average of 60% in all areas of assessment (UK or UK equivalent) in a relevant area to the proposed research project	E
•	For those whose first language is not English and/or if from a country where English is not the majority spoken language (as recognised by the UKBA), a language proficiency score of at least IELTS 6.5 (in all elements of the test) or an equivalent UK VISA and Immigration secure English Language Test is required, if your programme falls within the faculty of Engineering and Science a language proficiency score of at least IELTS 6.5 overall with a minimum of 6.0 in all elements of the test or an equivalent UK VISA and Immigration secure English Language Test is required. Unless the degree above was taught in English <u>and</u> obtained in a majority English speaking country, e.g. UK, USA, Australia, New Zealand, etc, as recognised by the UKBA.	E
Experi •	ence & Skills: Previous experience of undertaking research (e.g. undergraduate or taught master's dissertation)	E
•	Experience in a related discipline (Note this will depend on the topic of the PhD and the M34Impact Theme (Safety and Security, Materials Science & Engineering, Digital Cities). The list is not exhaustive, but examples include: Mathematical Modelling Behavioural psychology Computational Fire Engineering Materials Science Physics	E

Applied Mathematics				
Manufacturing				
Engineering (e.g. Mechanical, Civil, Chemical)				
Built Environment				
Experience in computer pr	Experience in computer programming			
Experience of numerical m	Experience of numerical modelling techniques			
• Experience of numerical modelling packages, e.g. OpenFOAM, COMSOL, ANSYS,				
STAR-CCM+, FDS, EXODUS	STAR-CCM+, FDS, EXODUS, SMARTFIRE, or equivalent			
Personal Attributes:	· · · · · · · · · · · · · · · · · · ·			
Understanding the fundan	nental differences between a taught degree and a	-		
research degree in terms o	of approach and personal discipline/motivation	personal discipline/motivation E		
 Able to, under guidance, c 	Able to, under guidance, complete independent work successfully			
Other Requirements:	· · · · ·			
This scholarship may requi	ire Academic Technology Approval Scheme approval	-		
for the successful candidate if from outside of the EU/EEA		E		
Start date is flexible and w	• Start date is flexible and will be agreed with supervisory team and M ³ 4Impact			
Programme Leads				
Closing date for applications:	N/A – Open Call			
	Prof Ed Galea – Safety and Security			
	(e.r.galea@gre.ac.uk)			
For further information contact:	Prof Andrew Kao – Materials Science and Engineering			
	(a.kao@gre.ac.uk)			
	Prof. Koulis Pericleous – Digital Cities			
	(k.pericleous@gre.ac.uk)			
Making an application:	(hipericeous@greideldit)			

Making an application:

Please read this information before making an application. Information on the application process is available at: <u>https://www.gre.ac.uk/research/study/apply/application-process</u>. Applications need to be made online via this link. **No other form of application will be considered**.

All applications **must include** the following information. **Applications not containing these documents will not be considered.**

- Scholarship Reference Number (Ref) Clearly included "M³4Impact" in the personal statement section together with your personal statement as to why you are applying
- a CV including 2 referees *
- academic qualification certificates/transcripts and IELTs/English Language certificate if you are an international applicant or if English is not your first language or you are from a country where English is not the majority spoken language as defined by the UK Border Agency *

*upload to the qualification section of the application form. Attachments must be a PDF format.

Before submitting your application, you are encouraged to liaise with the Lead Supervisor if known or the research theme leads identified above.