

UNIVERSITY OF WARWICK

Proposal Form for New or Revised Modules (MA1 - version 7 - April 2014)

Approval information	
Approval Type	X Revised module
Date of Introduction	October 2016
If new, does this module replace another? If so, enter module code and title:	
If revised/discontinued, please outline the rationale for the changes:	<p>Section 4 – Module leader changed</p> <p>Section 9 – words “up to” added to Students will receive up to 2 research place visits</p> <p>Section 12 – added, Students will also be required to promote the benefits of doing a Research Year at one School of Engineering promotional event (such as an Open Day or an Offer Holder Day) during the academic year following the placement.</p> <p>Section 14 – updated course codes</p>
Confirmation that affected departments have been consulted:	Changes were made in consultations between the School of Engineering and WMG.

Module Summary	
1. Module Code (if known)	ES2E0
2. Module Title	Year in Research
3a. Lead department:	School of Engineering
3b. Teaching Split (if known):	Not applicable
4. Name of module leader	Dr Stan Shire
5. Level	UG: <input type="checkbox"/> Level 4 (Certificate) X Level 5 (Intermediate) <input type="checkbox"/> Level 6 (Honours) PG: <input type="checkbox"/> Level 7 (Masters) <input type="checkbox"/> Level 8 (Doctoral) See Guidance Notes for relationship to years of study
6. Credit value(s) (CATS)	120
7. Principal Module Aims	To provide students with the opportunity to

Module Summary	
	<ul style="list-style-type: none"> • Complete an undergraduate placement in research • Develop experience of, and confidence in, essential research skills. • Develop in a research environment skills previously pursued in an academic setting.
8. Principal Learning Outcomes	<p>On completion of this module students should be able to demonstrate:</p> <ul style="list-style-type: none"> • The application in a research environment of critical, analytical and interpersonal skills developed in pursuit of their disciplinary studies. • Understanding of the work/research environment and their contribution to it. • The development of high level transferrable skills such as confidence, communication, flexibility, time management, team working. • Where appropriate, the development of social and cultural sensitivity and ethical awareness. • Understanding of how to apply research-based learning to other areas of personal development. • The ability to reflect on personal and professional progress, cogently and judiciously. • An ability to decide, plan and thrive in the world of research.
9. Timetabled Teaching Activities (summary)	<p>Students will receive up to 2 research place visits and/or Skype meetings by a placement tutor.</p> <p>Consultations will take the form of contact through email, telephone, skype or other forms on a regular basis.</p>
10. Departmental Web-link	http://www2.warwick.ac.uk/fac/sci/eng/eso/modules/year2/
11. Other essential notes	The actual experience of the placement year will vary for students, dependent on the nature of the placement.
12. Assessment methods (summary)	Students will be assessed by:

Module Summary

A portfolio consisting of: a reflective monthly summary recording the student's experiences of the period research placement and a poster and video related to the stated outcomes of the module. The poster and video should contain contextual information on the host institution/research environment, the cultural and working environments, the skills developed and how they relate to personal, academic and career development. [In addition there may be a formal presentation or structured interview with questions allowing the exploration of the skills, knowledge and attributes gained during the year abroad related to the stated outcomes of the module if there are mitigating or unusual circumstances which prevented the student from completing the entire assessment.] Students will also be required to promote the benefits of doing a Research Year at one School of Engineering promotional event (such as an Open Day or an Offer Holder Day) during the academic year following the placement.

For use by Strategic Planning and Analytics Office only - Do not fill in this section

Level	JACS3 Code	Teaching Split
		<i>If not provided in 3b above</i>

External Credit Level		Scheme	
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Module Context

13. Please list all departments involved in the teaching of this module. If taught by more than one department, please indicate percentage split.

Not applicable

14. Availability of module

Degree Code	Title	Study Year	C/OC/A/B/C	Credits
H111 & H118	BEng Engineering with IY	3	OC	120
H115 & H109	MEng Engineering with IY	3 or 4	OC	120
H162	BEng Biomedical Engineering with IY	3	OC	120
H164	MEng Biomedical Engineering with IY	3 or 4	OC	120
H215 & H21b	BEng Civil Engineering with IY	3	OC	120
H218 & H212	MEng Civil Engineering with IY	3 or 4	OC	120
H314 & H319	BEng Mechanical Engineering with IY	3	OC	120
H317 & H312	MEng Mechanical Engineering with IY	3 or 4	OC	120
H334 & H339	BEng Automotive Engineering with IY	3	OC	120
H337 & H332	MEng Automotive Engineering with IY	3 or 4	OC	120
H608	BEng Electrical and Electronic Engineering with IY	3	OC	120
H607	MEng Electrical and Electronic Engineering with IY	3 or 4	OC	120
H63V & H63U	BEng Electronic Engineering with IY	3	OC	120
H63Y & H636	MEng Electronic Engineering with IY	3 or 4	OC	120
HH34	BEng Systems Engineering with IY	3	OC	120
HH32 & HH64	MEng Systems Engineering with IY	3 or 4	OC	120
HH74	BEng Manufacturing and Mechanical Engineering with IY	3	OC	120
HH77 & HH38	MEng Manufacturing and Mechanical Engineering with IY	3 or 4	OC	120
HN14 & HN16	BSc Engineering and Business Studies with IY	3	OC	120
HN13 & HN17	BEng Engineering Business Management with IY	3	OC	120

15. Minimum number of registered students required for module to run

Not applicable

16. Pre-Requisite requirements

- Students must have completed levels 4/5 of the course for which this is an approved module with an average mark of :
 - 50% for students taking the placement between years 2 and 3
 - 60% for students taking the placement between years 3 and 4
- Students must have secured a research placement or placements (maximum 2) amounting to a minimum of 7 months in duration.

3. If research placements involve work with children or vulnerable adults students must comply with any requirements for DRS and Enhanced Disclosure checks.
4. If research placements are to take place in counties where the language is not English, satisfactory completion of appropriate courses offered through the Language Centre.

Module Content and Teaching

17. Teaching and Learning Activities

Module duration (weeks)	
Lectures	
Seminars	
Tutorials	
Project Supervision	
Demonstration	
Practical Class/Workshops	
Supervised time in studio/workshop	
Fieldwork	
External visits	
Work based learning	A total of 1,200 hours (100 hours per 10 UK credits). Activities will be as stipulated by the research-based placement provider.
Placement	
Year abroad	
Other activity <i>(please describe): e.g. distance-learning, intensive weekend teaching etc.</i>	

18. Assessment Method

See section 12 above.

Type of assessment	Length	% weighting
Written Examinations		
Practical Examinations		
Assessed essays/coursework	Portfolio	100
18a. Final chronological assessment <i>(please see guidance)</i>	Submission of portfolio	

19. Methods for providing feedback on assessment.

Students will receive at least 2 research place visit(s) by a placement tutor. Students will be required to record their experiences and progress through a monthly summary which will be read by the tutor. Feedback will be provided by the tutor who will also provide assistance if required.

20. Outline Syllabus

The syllabus will vary as each research placement may be different. A research/job description should be provided by the placement provider. The syllabus will comprise undertaking the approved research placement and maintaining a monthly summary whilst on placement. The workload must be a minimum of 1,200 hours to maintain equivalence with that expected for a 120 credit module.

21. Illustrative Bibliography

Not applicable.

22. Learning outcomes

Successful completion of the module leads to the learning outcomes. The learning outcomes identify the knowledge, skills and attributes developed by the module.

Learning Outcomes should be presented in the format "By the end of the module students should be able to..." using the table at the end of the module approval form:

Resources

23. List any additional requirements and indicate the outcome of any discussions about these.

None

Approval

24. Module leader's signature

Dr Stan Shire

25. Date of approval

13/09/18

26. Name of Approving Committee (include minute reference if applicable)

School of Engineering and WMG Course and Module approval Committee

27. Chair of Committee's signature

Professor Gill Cooke

28. Head of Department(s) signature

Professor David Towers

LEARNING OUTCOMES		
(By the end of the module the student should be able to....)	Which teaching and learning methods enable students to achieve this learning outcome?	Which summative assessment method(s) will measure the achievement of this learning outcome?
Apply, in a research environment, the critical, analytical and interpersonal skills developed in pursuit of their disciplinary studies.	Activities will be as stipulated by the research placement provider.	See Section 12
Understand the work/research environment and their contribution to it.	Activities will be as stipulated by the research placement provider.	See Section 12
Demonstrate high level transferrable skills such as confidence, communication, flexibility, time management, team working.	Activities will be as stipulated by the research placement provider.	See Section 12
Where appropriate, demonstrate social and cultural sensitivity and ethical awareness.	Activities will be as stipulated by the research placement provider.	See Section 12
Understand how to apply research-based learning to other areas of personal development.	Activities will be as stipulated by the research placement provider.	See Section 12
Reflect on personal and professional progress, cogently and judiciously.	Activities will be as stipulated by the research placement provider.	See Section 12
To make decisions, plan and thrive in the world of research.	Activities will be as stipulated by the research placement provider.	See Section 12