

## MSc Research Project Sequencing: Physics

From the beginning of 2017 and beyond new students commencing the MSc program will be required to choose one of three available research streams.

The three research streams are:

Semester of enrolment	1	2	3	4
Stream A	(A1) 12.5 pts	(A2) 12.5 pts	(A3) 25 pts	(A4) 50 pts
Stream B	0 pts	(B1) 12.5 pts	(B2) 37.5 pts	(B3) 50 pts
Stream C	0 pts	(C1) 25 pts	(C2) 25 pts	(C3) 50 pts

To ensure consistent progress throughout the project there are hurdle requirements that have to be completed each semester. The hurdle requirements in each stream are:

### Hurdle Requirements:

A1 12.5 pts	Progress meeting with supervisor (Pass/Fail: sign-off by supervisor, feedback to student)
A2 12.5 pts	Group seminar (15 min + 5 min questions) or 5 page report + progress meeting (Pass/Fail: sign-off by supervisor, feedback to student)
A3 25 pts	10 page literature review + group seminar (15 min + 5 min questions) (Pass/Fail: sign-off by supervisor, feedback to student)*
A4 50 pts	Final Research Project mark based on: MSc Thesis (max 50 pages)+ oral presentation to School (15 min + 5 min questions)*

\* Advanced Seminar<sup>‡</sup> must be taken in A3 for start of year candidates and in A4 for mid-year entry.

B1 12.5 pts	Progress meeting (Pass/Fail: sign-off by supervisor, feedback to student)
B2 37.5 pts	10 page literature review + group seminar (15 min + 5 min questions) (Pass/Fail: sign-off by supervisor, feedback to student)*
B3 50 pts	Final Research Project mark based on: MSc Thesis (max 50 pages)+ oral presentation to School (15 min + 5 min questions)*

\* Advanced Seminar<sup>‡</sup> must be taken in B2 for start of year candidates and in B3 for mid-year entry.

C1 25 pts	Group seminar (15 min + 5 min questions) or 5 page report + progress meeting (Pass/Fail: sign-off by supervisor, feedback to student)
C2 25 pts	10 page literature review + group seminar (15 min + 5 min questions) (Pass/Fail: sign-off by supervisor, feedback to student)*
C3 50 pts	Final Research Project mark based on: MSc Thesis (max 50 pages)+ oral presentation to School (15 min + 5 min questions)*

\* Advanced Seminar<sup>‡</sup> must be taken in C2 for start of year candidates and in C3 for mid-year entry.

<sup>‡</sup>Advanced Seminar consists of weekly 1-2 hour group discussions on research papers and is held through out the semester. Hurdle requirement: weekly reports on research papers + contribution to discussion + presentation of one research paper or equivalent (Pass/Fail: sign-off by Advanced Seminar coordinator).

**Translating the three streams to the available Research Project codes:**

**Stream A: (Commencing research project in semester 1):**

Semester 1	Coursework Subject 1	Coursework Subject 2	Coursework Subject 3	PHYC90029 Research Project
Semester 2	Coursework Subject 4	Coursework Subject 5	Coursework Subject 6	PHYC90033 Research Project
Semester 3	Coursework Subject 7	Coursework Subject 8	PHYC90038 Research Project	
Semester 4	PHYC90044 Research Project			

**Stream B: (Commencing research project in semester 2 with 12.5 pts):**

Semester 1	Coursework Subject 1	Coursework Subject 2	Coursework Subject 3	Coursework Subject 4
Semester 2	Coursework Subject 5	Coursework Subject 6	Coursework Subject 7	PHYC90029 Research Project
Semester 3	Coursework Subject 8	PHYC90035 Research Project		
Semester 4	PHYC90040 Research Project			

**Stream C: (Commencing research project in semester 2 with 25 pts):**

Semester 1	Coursework Subject 1	Coursework Subject 2	Coursework Subject 3	Coursework Subject 4
Semester 2	Coursework Subject 5	Coursework Subject 6	PHYC90030 Research Project	
Semester 3	Coursework Subject 7	Coursework Subject 8	PHYC90034 Research Project	
Semester 4	PHYC90040 Research Project			