Stage 1 (Pre-Master’s) – Science and Technology

Duration: 1 semester

Intakes: June and September

The Pre-Master’s has been designed for students who wish to study one of the following University of Portsmouth Master’s degree course:

* [MSc Advanced Manufacturing Technology^](http://www.port.ac.uk/courses/engineering/msc-advanced-manufacturing-technology/)
* [MSc Biomedicine](http://www.port.ac.uk/courses/health-sciences-and-social-work/msc-biomedicine-/)
* [MSc Civil Engineering](http://www.port.ac.uk/courses/architecture-property-and-surveying/msc-civil-engineering/)
* [MSc Civil Engineering with Environmental Engineering](http://www.port.ac.uk/courses/architecture-property-and-surveying/msc-civil-engineering-with-environmental-engineering/)
* [MSc Civil Engineering with Geotechnical Engineering](http://www.port.ac.uk/courses/architecture-property-and-surveying/msc-civil-engineering-with-geotechnical-engineering/)
* [MSc Civil Engineering with Structural Engineering](http://www.port.ac.uk/courses/architecture-property-and-surveying/msc-civil-engineering-with-structural-engineering/)
* [MSc Computer Network Administration and Management](http://www.port.ac.uk/courses/engineering/msc-computer-network-administration-and-management/)
* [MSc Construction Project Management](http://www.port.ac.uk/courses/architecture-property-and-surveying/msc-construction-project-management/)
* [MSc Electronic Engineering^](http://www.port.ac.uk/courses/engineering/msc-electronic-engineering/)
* [MSc Engineering Geology](http://www.port.ac.uk/courses/geography-earth-and-environmental-sciences/msc-engineering-geology/)
* [MSc Geological and Environmental Hazards](http://www.port.ac.uk/courses/geography-earth-and-environmental-sciences/msc-geological-and-environmental-hazards/)
* [MSc Geographical Information Systems](http://www.port.ac.uk/courses/geography-earth-and-environmental-sciences/msc-geographical-information-systems/)
* [MSc Mechanical Engineering^](http://www.port.ac.uk/courses/engineering/msc-mechanical-engineering/)
* [MSc Petroleum and Gas Engineering](http://www.port.ac.uk/courses/engineering/msc-petroleum-and-gas-engineering/)
* [MSc Quantity Surveying](http://www.port.ac.uk/courses/architecture-property-and-surveying/msc-quantity-surveying/)
* [MSc Real Estate Management](http://www.port.ac.uk/courses/architecture-property-and-surveying/msc-real-estate-management/)
* [MSc Sports Performance](http://www.port.ac.uk/courses/sports-science/msc-sports-performance/)

^ September intake also available

**Course information**

One credit is equivalent to 10 hours of learning. This programme is comprised of 80 credit points, equivalent to 800 notional hours comprised of 216 contact hours and 584 self-directed hours. You will study the following modules over one semester:

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| --- | --- | --- | --- | --- | --- |
| **Module Name** | **Module Code** | **Core/ Option** | **Credit** | **Assessment Type** | **Weighting (%)** |
| Research Methods for PG Study  **Contact hours per week:** **6h** | PGMB101 | Core | 20 | (A) Protocol for mini-dissertation | 30 |
| (B) Final 2 hour closed book exam | 70 |
| Principles of Science and Technology | PGST102 | Core | 20 | (A) 1500 word laboratory report | 20 |
| (B) 3000 word in class critique of research topic | 20 |
| (C) Final 2 hour closed book exam | 60 |
| Interactive Learning Skills and Communication  **Contact hours per week:** **6h** | ILSCPGB | Core | 20 | (A) Comparison of two opposing theoretical positions | 30 |
| (B) Chairing a meeting to secure productive outcomes | 20 |
| (C) Critique of a published academic paper in the relevant subject domain | 40 |
| (D) 2 hour closed book exam | 10 |
| Mini Dissertation  **Contact hours per week:** **3h** | PGMB103 | Core | 20 | (A) Dissertation | 100 |

You will be required to pass all modules (80 credits) in order to successfully complete Stage 2 (Master’s Degree).