For good practice guidance in completing this document, please refer to [*‘Information for Students: guide to providing information to prospective undergraduate students’*](https://www.officeforstudents.org.uk/media/2db81e6b-e4c7-4867-bc5d-ff67539d13e8/guide_to_providing_info_to_students.pdf) (OfS).

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| **Programme Information** | | |
| Programme Title | Programme Code | HECoS Code |
| e.g. Mechanical Engineering  Include all award titles covered by this specification (including streams) | For Registry Use Only | For Registry Use Only |

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| Award | Length of Study | | Mode of Study | | Entry Point(s) | | Total Credits | |
| ECTS | CATS |
| Choose an item. | e.g. 1 Calendar Year (12 months) | | e.g. Full-Time | | e.g. Annually in October | | 90 | 180 |
| Choose an item. | e.g. 2 Calendar Years (24 months) | | e.g. Part-Time | | e.g. Annually in October | | 60 | 120 |
| Choose an item. | e.g. 9 Months | | e.g. Part-Time | | e.g. Annually in October | | 30 | 60 |
| The PG Certificate/PG Diploma **(delete as necessary)** are exit awards and are not available for entry. All students must apply to and join the BSc / MSc **(delete as necessary)**.  **Or**  Students must apply to the PG Certificate/PG Diploma **(delete as necessary)** in the first instance | | | | | | | | |
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| **Ownership** | | | | | | | | |
| Awarding Institution | | Imperial College London | | Faculty | | Choose an item. | | |
| Teaching Institution | | Imperial College London | | Department | | Choose an item. | | |
| Associateship | | e.g. Royal School of Mines (if appropriate) | | Main Location(s) of Study | | Choose an item. | | |
| **External Reference** | | | | | | | | |
| Relevant [QAA Benchmark Statement(s)](http://www.qaa.ac.uk/quality-code/subject-benchmark-statements) and/or other external reference points | | | | e.g. Master’s Awards in Business & Management | | | | |
| [FHEQ Level](http://www.qaa.ac.uk/docs/qaa/quality-code/qualifications-frameworks.pdf?sfvrsn=170af781_14) | | | |  | | | | |
| [EHEA Level](http://www.qaa.ac.uk/docs/qaa/quality-code/bologna-process-in-he.pdf?sfvrsn=e04cf981_14) | | | | Choose an item. | | | | |
| **External Accreditor(s) (if applicable)** | | | | | | | | |
| External Accreditor 1: | |  | | | | | | |
| Accreditation received: | | YYYY | | Accreditation renewal: | | YYYY | | |
| External Accreditor 2: | |  | | | | | | |
| Accreditation received: | | YYYY | | Accreditation renewal: | | YYYY | | |
| **Collaborative Provision** | | | | | | | | |
| Collaborative partner | | Collaboration type | | Agreement effective date | | Agreement expiry date | | |
|  | |  | |  | |  | | |
| **Specification Details** | | | | | | | | |
| Programme Lead | | | |  | | | | |
| Student cohorts covered by specification | | | | Choose an item. | | | | |
| Date of introduction of programme | | | | Click or tap to enter a date. | | | | |
| Date of programme specification/revision | | | | Click or tap to enter a date. | | | | |

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| **Programme Overview** | |
| A brief description of the programme contents and key features. Addressing the student / potential student audience. (e.g. “You will study…”).  The description of programme contents should reference any collaborative elements to the programme, placement opportunities, location, details about the general level of experience or status of the staff involved in delivering the programme, industry involvement and any other relevant information. Indicate whether these activities are compulsory.  Include information on graduate destinations, listing the sectors of employment graduates of a particular programme/department often enter or the range of further study opportunities that may be available to a graduate of the programme. | |
| **Learning Outcomes** | |
| Please refer to the Teaching Toolkit for advice on the role and purpose of Intended Learning Outcomes (ILO):  [www.imperial.ac.uk/staff/educational-development/teaching-toolkit/intended-learning-outcomes](http://www.imperial.ac.uk/staff/educational-development/teaching-toolkit/intended-learning-outcomes/)  The College has agreed 10-12 ILO sufficient for a programme. Demonstrate alignment of the ILO to appropriate [FHEQ](http://www.qaa.ac.uk/docs/qaa/quality-code/qualifications-frameworks.pdf?sfvrsn=170af781_14) Levels ([a summary of these can be found here](https://www.imperial.ac.uk/media/imperial-college/about/leadership-and-strategy/vp-education/public/Generic-Credit-Level-Descriptors.pdf)). | |
| The Imperial Graduate Attributes are a set of core competencies which we expect students to achieve through completion of any Imperial College degree programme. The Graduate Attributes are available at:  [www.imperial.ac.uk/students/academic-support/graduate-attributes](http://www.imperial.ac.uk/students/academic-support/graduate-attributes) | |
| **Entry Requirements** | |
| Academic Requirement | Include the minimum requirement for A Level, IB, UG degree (if a post-graduate programme)    e.g. The minimum requirement is normally a 2:1 UK Bachelor’s Degree with Honours in Chemistry or Biochemistry (or a comparable qualification recognised by the College).  For further information on entry requirements, please go to  UG: [www.imperial.ac.uk/study/apply/undergraduate/entry-requirements/](https://www.imperial.ac.uk/study/apply/undergraduate/entry-requirements/) PGT: [www.imperial.ac.uk/study/apply/postgraduate-taught/entry-requirements/](https://www.imperial.ac.uk/study/apply/postgraduate-taught/entry-requirements/)  PGR: [www.imperial.ac.uk/study/help-centre/postgraduate-admissions/](https://www.imperial.ac.uk/study/help-centre/postgraduate-admissions/) |
| Non-academic Requirements | Where applicable.  e.g. 3 years relevant work experience (or a comparable qualification recognised by the College) |
| English Language Requirement | [Standard requirement](https://www.imperial.ac.uk/study/apply/english-language/)  Please check for other [Accepted English Qualifications](https://www.imperial.ac.uk/study/apply/english-language/)  [Higher requirement](https://www.imperial.ac.uk/study/apply/english-language/)  Please check for other [Accepted English Qualifications](https://www.imperial.ac.uk/study/apply/english-language/) |
| Admissions Test/Interview | Include details on the format of interviews and how they are conducted. What format any entrance tests may take and how this additional information will be used in the decision making process. |
| The programme’s competency standards documents can be found at: [insert link here] | |
| **Learning & Teaching Approach** | |
| **Learning and Teaching Delivery Methods**  Describe to students the approach to learning and teaching including the range of delivery methods which will be used, including any: teaching, independent learning, research projects, placement learning provision, Field Trips and/or Field work, work-based learning or any other activities which are delivered externally but are integral to the programme. Please detail expected class/working group sizes.  Please refer to the Teaching Toolkit for advice on learning and teaching approaches: [www.imperial.ac.uk/staff/educational-development/teaching-toolkit](http://www.imperial.ac.uk/staff/educational-development/teaching-toolkit)  **Overall Workload**  Your overall workload consists of face-to-face sessions and independent learning. While your actual contact hours may vary according to the optional modules you choose to study, the following gives an indication of how much time you will need to allocate to different activities at each level of the programme. At Imperial, each ECTS credit taken equates to an expected total study time of 25 hours. Therefore, the expected total study time is [Hours per year (e.g. 1,500 hours for 60 ECTS programme)] hours per year.  Detail how a typical student might spend their time on the programme each year by percentage terms and a nominal indication of hours. E.g. Typically, in the first two years (levels 4 and 5) you will spend in the order of 20% of your time on lectures, seminars and similar (around 300 hours) and in the order of 80% of your time on independent study. | |
| **Assessment Strategy** | |
| Assessment Methods | |
| Describe to students the range of summative assessment methods that are used on the programme and how these support student achievement of the Intended Learning Outcomes and how formative assessment will be available in the programme. Describe the frequency of the assessments and the percentages assessed by examination and coursework. Describe to students the balance of assessment across method and year of study. E.g.:   |  |  |  |  | | --- | --- | --- | --- | |  | **Year 1** | **Year 2** | **Year 3** | | **Coursework** | % | % | % | | **Practical** | % | % | % | | **Written** | % | % | % |   Please refer to the Teaching Toolkit for advise on assessment methods: [www.imperial.ac.uk/staff/educational-development/teaching-toolkit/assessment-and-feedback/](http://www.imperial.ac.uk/staff/educational-development/teaching-toolkit/assessment-and-feedback/) | |
| Academic Feedback Policy | |
| Describe to students: the range of formats in which feedback will be provided; whether and how feedback will be provided on summative and formative and assessments; the timescales within which feedback will be provided for different assessments  The College’s Policy on Academic Feedback and guidance on issuing provisional marks to students is available at:  [www.imperial.ac.uk/about/governance/academic-governance/academic-policy/exams-and-assessment/](http://www.imperial.ac.uk/about/governance/academic-governance/academic-policy/exams-and-assessment/) | |
| Re-sit Policy | |
| The College’s Policy on Re-sits is available at: [www.imperial.ac.uk/student-records-and-data/for-current-students/undergraduate-and-taught-postgraduate/exams-assessments-and-regulations/](http://www.imperial.ac.uk/student-records-and-data/for-current-students/undergraduate-and-taught-postgraduate/exams-assessments-and-regulations/) | |
| Mitigating Circumstances Policy | |
| The College’s Policy on Mitigating Circumstances is available at: [www.imperial.ac.uk/student-records-and-data/for-current-students/undergraduate-and-taught-postgraduate/exams-assessments-and-regulations/mitigating-circumstances/](https://www.imperial.ac.uk/student-records-and-data/for-current-students/undergraduate-and-taught-postgraduate/exams-assessments-and-regulations/mitigating-circumstances/) | |

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| Additional Programme Costs | | |
| This section should outline any additional costs relevant to this programme which are not included in students’ tuition fees. | | |
| Description | Mandatory/Optional | Approximate cost |
| e.g. Equipment (course materials and books) | Mandatory | Provided |
| e.g. Personal Protective Equipment | Mandatory | Provided |
| e.g. Field trips (all fully catered trips) | Mandatory | £25 per week |

**Important notice**: The Programme Specifications are the result of a large curriculum and pedagogy reform implemented by the Department and supported by the Learning and Teaching Strategy of Imperial College London. The modules, structure and assessments presented in this Programme Specification are correct at time of publication but might change as a result of student and staff feedback and the introduction of new or innovative approaches to teaching and learning. You will be consulted and notified in a timely manner of any changes to this document.

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| **Programme Structure[[1]](#footnote-1)** | | | | | |
| **Year 1 – FHEQ** Choose an item.  **Students study all core modules. Detail the rubric for choosing elective modules e.g. Students choose two electives from Group A** | | | | | |
| Code | Module Title | Core/  Elective/  Compulsory | Group | Term | Credits |
|  |  |  |  | Autumn/  Spring/  Summer |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Credit Total | | | | |  |
| **Year 2 - FHEQ** Choose an item.  **Students study all core modules. Detail the rubric for choosing elective modules e.g. Students choose two electives from Group A** | | | | | |
| Code | Module Title | Core/  Elective/  Compulsory | Group | Term | Credits |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Credit Total | | | | |  |
| **Year 3 - FHEQ** Choose an item.  **Students study all core modules. Detail the rubric for choosing elective modules e.g. Students choose two electives from Group A** | | | | | |
| Code | Module Title | Core/  Elective/  Compulsory | Group | Term | Credits |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Credit Total | | | | |  |
| **Year 4 - FHEQ** Choose an item.  **Students study all core modules. Detail the rubric for choosing elective modules e.g. Students choose two electives from Group A** | | | | | |
| Code | Module Title | Core/  Elective/  Compulsory | Group | Term | Credits |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Credit Total | | | | |  |
| **Year 5 - FHEQ** Choose an item.  **Students study all core modules. Detail the rubric for choosing elective modules e.g. Students choose two electives from Group A** | | | | | |
| Code | Module Title | Core/  Elective/  Compulsory | Group | Term | Credits |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Credit Total | | | | |  |
| **Year 6 - FHEQ** Choose an item.  **Students study all core modules. Detail the rubric for choosing elective modules e.g. Students choose two electives from Group A** | | | | | |
| Code | Module Title | Core/  Elective/  Compulsory | Group | Term | Credits |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Credit Total | | | | |  |

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| Progression and Classification |
| **[For Undergraduate Programmes]**  **Progression**  In order to progress to the next level of study, you must have passed all modules (equivalent to 60 ECTS) in the current level of study at first attempt, at resit or by a compensated pass.  The overall weighted average for each year must be 40.00%, including where a module(s) has been compensated, in order for you to progress to the next year of the programme.  **Classification**  The marks from modules in each year contribute towards the final degree classification.  In order to beconsidered for an award, you must have achieved the minimum number of credits at the required levels prescribed for that award and met any programme specific requirements as set out in the Programme Specification.  Your classification will be determined through:   1. Aggregate Module marks for all modules 2. Year Weightings   For this award, Year One is weighted at 7.50%, Year Two at 35.00% and Year Three at 57.50%.  The College sets the class of undergraduate degree that may be awarded as follows:   1. First                       70.00% or above for the average weighted module results 2. Upper Second   60.00% or above for the average weighted module results 3. Lower Second    50.00% or above for the average weighted module results 4. Third                      40.00% or above for the average weighted module results   **[For Postgraduate Programmes]**  Please include details of any progression requirements for Postgraduate programmes which offer discrete Postgraduate Certificate and/or Postgraduate Diploma awards and for Postgraduate programmes which span more than one calendar year, including part-time programmes, where a progression decision is made at the end of each calendar year.  **Award and Classification for Postgraduate Students**    **Award of a Postgraduate Certificate (PG Cert) [Delete as necessary]**  To qualify for the award of a postgraduate certificate a student must have a minimum of 30 credits at Level 7 (this may include a maximum of 10 credits from Level 6 where this is approved as part of the award). **Award of a Postgraduate Diploma (PG Dip) [Delete as necessary]** To qualify for the award of a postgraduate diploma a student must have passed modules to the value of no fewer than 60 credits at Level 7 (this may include a maximum of 15 credits from Level 6 where this is approved as part of the award).   1. and no more than 10 credits as a Compensated Pass;   **Award of a Postgraduate Degree (including MRes) [for PGT programmes that have level 6 modules] [Delete as necessary]**  To qualify for the award of a postgraduate degree a student must have:   1. accumulated credit to the value of no fewer than 90 credits across levels 6 and 7 (of which 75 credits must be at Level 7); 2. and no more than 15 credits as a Compensated Pass; 3. met any specific requirements for an award as outlined in the approved programme specification for that award.   **Award of a Postgraduate Degree (including MRes) [for PGT programmes that do not have level 6 modules] [Delete as necessary]**  To qualify for the award of a postgraduate degree a student must have:   1. accumulated credit to the value of no fewer than 90 credits at Level 7 2. and no more than 15 credits as a Compensated Pass; 3. met any specific requirements for an award as outlined in the approved programme specification for that award.  **Classification of Postgraduate Taught Awards** The College sets the class of Degree that may be awarded as follows:   1. Distinction: The student has achieved an overall weighted average of 70.00% or above across the programme. 2. Merit: The student has achieved an overall weighted average of above 60.00% but less than 70.00%. 3. Pass: The student has achieved an overall weighted average of 50.00% but less than 60.00%.      1. For a Masters, students must normally achieve a distinction (70.00%) mark in the dissertation or designated final major project (as designated in the programme specification) in order to be awarded a distinction. 2. For a Masters, students must normally achieve a minimum of a merit (60.00%) mark in the dissertation or designated final major project (as designated in the programme specification) in order to be awarded a merit 3. Modules taken at level 6 as part of the programme specification for a named postgraduate award will contribute to the determination of pass, merit or distinction for any taught postgraduate award and are included in the calculation of the overall weighted average. |
| Programme Specific Regulations |
| Add programme specific regulations here if appropriate, please note that these must be approved by Senate in advance of the programme being delivered. Please liaise with the Quality Assurance and Enhancement team regarding the approval process. |

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| **Supporting Information** |
| The Programme Handbook is available at: [insert link here] |
| The Module Handbook is available at: [insert link here] |
| The College’s entry requirements for postgraduate programmes can be found at:  [www.imperial.ac.uk/study/pg/apply/requirements](http://www.imperial.ac.uk/study/pg/apply/requirements) |
| The College’s Quality & Enhancement Framework is available at:  [www.imperial.ac.uk/registry/proceduresandregulations/qualityassurance](http://www.imperial.ac.uk/registry/proceduresandregulations/qualityassurance) |
| The College’s Academic and Examination Regulations can be found at: [www.imperial.ac.uk/about/governance/academic-governance/regulations](http://www.imperial.ac.uk/about/governance/academic-governance/regulations) |
| Imperial College is an independent corporation whose legal status derives from a Royal Charter granted under Letters Patent in 1907. In 2007 a Supplemental Charter and Statutes was granted by HM Queen Elizabeth II. This Supplemental Charter, which came into force on the date of the College's Centenary, 8th July 2007, established the College as a University with the name and style of "The Imperial College of Science, Technology and Medicine".  [www.imperial.ac.uk/admin-services/secretariat/college-governance/charters/](http://www.imperial.ac.uk/admin-services/secretariat/college-governance/charters/) |
| Imperial College London is regulated by the Office for Students (OfS)  [www.officeforstudents.org.uk/advice-and-guidance/the-register/](https://www.officeforstudents.org.uk/advice-and-guidance/the-register/) |
| This document provides a definitive record of the main features of the programme and the learning outcomes that a typical student may reasonably be expected to achieve and demonstrate if s/he takes full advantage of the learning opportunities provided. This programme specification is primarily intended as a reference point for prospective and current students, academic and support staff involved in delivering the programme and enabling student development and achievement, for its assessment by internal and external examiners, and in subsequent monitoring and review. |

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| **Modifications** | | | |
| **Description** | **Approved** | **Date** | **Paper Reference** |
| e.g. Nature of modification | e.g. Programmes Committee | dd/mm/yy | e.g. PC.2022.120 |

1. **Core** modules are those which serve a fundamental role within the curriculum, and for which achievement of the credits for that module is essential for the achievement of the target award. Core modules must therefore be taken and passed in order to achieve that named award. **Compulsory** modules are those which are designated as necessary to be taken as part of the programme syllabus. Compulsory modules can be compensated. **Elective** modules are those which are in the same subject area as the field of study and are offered to students in order to offer an element of choice in the curriculum and from which students are able to select. Elective modules can be compensated. [↑](#footnote-ref-1)