**MODULE LIST & SELECTION**

**Exchange, Erasmus+, ISEP and Visiting Students**

**Guidance for selecting modules:**

**PLEASE READ THE INFORMATION BELOW BEFORE MAKING ANY MODULE SELECTIONS:**

* Starting on page 4 below, you have the **list of modules** **for Term 2 (2018/2019)** – **please select your modules ONLY from this list**.
* Descriptions of each module (syllabus) are[[[**available online**](https://www.bradford.ac.uk/aqpo/modules/)](https://www.brad.ac.uk/courses/)](https://www.brad.ac.uk/courses/).
* We strongly recommend that you choose modules from the same course, same year of study and same programme to **avoid timetable clashes and change or modules** once you are at the University of Bradford. For example, you are in your second year of Management Studies at your home university therefore when you come to Bradford you will look at choosing second year modules from BSc Business and Management.
* You are also able to choose modules from different years of study if they are in the same programme. For example, choosing 3rd year modules despite being a second-year student at your home university; or taking modules from Postgraduate courses at the University of Bradford while you are an Undergraduate student at your home University. **Please be advised**: it is highly likely that with this option, you will have timetable clashes and you might have to review your modules selection once at the University of Bradford.
* However, you can also choose modules from different programmes and different years of study within the same faculty. For example, you are studying in your second year of Management at your home university, but as Management, Law and Social Sciences are in the same faculty at Bradford you could choose a third year Sociology module. **Please be advised**: it is highly likely that with this option, you will have timetable clashes and you might have to review your modules selection once at the University of Bradford.
* Although, if you wish to choose different modules from difference faculties you are only allowed to do this after having spoken to the academics in the faculties after your arrival. For example, you are choosing one module from Management, one module from Media and Design and one module from Archaeology. This option leads to severe timetable clashes and we strongly advise against this.
* You can only select 3 modules per semester, 20 credits each.
* A full study load for one semester is 60 Bradford Credits. This is equivalent to 30 ECTS, and approximately equivalent to 24 Australian credits or 15 US semester credits.
* Your minimum study load as an exchange student should be 40 credits and a maximum of 60 credits. You should seek approval from your home institution if you wish to study less than 60 credits.
* If you are an Erasmus student, you must take at least 40 credits in the subject area named in the institutional agreement between your home University and the University of Bradford.
* If you are an Erasmus student, and in addition to this document, your module choices should be submitted on a Learning Agreement.
* If you are a Worldwide Exchange, ISEP or IVSP student you should submit this document with your module choices.
* Enter up to two reserve module selections in case your primary choices are not available. It is your responsibility to ensure your selections are approved by your home institution.

Before completing these tables, please read the guidelines above very carefully.

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| **Student details** | | | | | |
| Surname |  | | Forename |  | |
| UB Number |  | | Email |  | |
| Home University |  | | | | |
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| **Module selection** | | | | | |
| Module code | Credits | Module title | | | Term |
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| **Reserve choices** | | | | | |
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**Once this table is completed, please do send it to** [**studyabroad@brafdord.ac.uk**](mailto:studyabroad@brafdord.ac.uk)

**University log-in details:** after receiving your unconditional offer, you will receive an email from IT Services from the University of Bradford with your access credentials to your university email, e:Vision and Timetables.

[[**Timetables for January 201**](https://www.bradford.ac.uk/timetabling/timetables/)**9**](https://www.bradford.ac.uk/timetabling/timetables/)**:** Once you receive your offer and get your university log-in details, you will have access to your personal timetable. Timetables information will be available in January 2019.

By submitting this document, I confirm that I understand and have abided by the module selection choices outlined in the guidance for selection modules.

**Modules Available for 2018/2019**

**TERM 2**

**☞Guidelines of how to search for the syllabus of modules☜**

1. Go to this [link](https://www.brad.ac.uk/courses/);
2. Search for courses related to what you want to study (e.g., “Engineering”, “Management”, etc.);
3. Select one or more courses related to what you want to study (e.g. “Chemical Engineering BEng”);
4. At the end of the page or under the section “What you will study”, you will find a list of modules;
5. Click on the module that you are looking, and you will have a brief description of the module content and a PDF with a comprehensive description of the module syllabus.

**Note**: the module syllabus is available here: <https://www.brad.ac.uk/courses/>

**☞ Module Levels / Years ☜**

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| Undergraduate | Level 2 = 1st year | Postgraduate | Level 7 = 1st year of Masters |
| Level 3 = 2nd year |
| Level 4 = 3rd year |
| Level 5 / 6 = 4th year\* |

*\*Courses with Sandwich or Placement Year.*

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| **Management and Law Modules** | | | | |
| **Code** | **Level** | **Name** | **Credits** | **Syllabus** |
| AFE5004-B | 2 | Management Accounting | 20 | [link](https://www.brad.ac.uk/courses/) |
| AFE5009-B | 2 | Auditing | 20 |
| AFE5013-B | 2 | Multinational Finance and Investment | 20 |
| AFE5022-B | 2 | Intermediate Macroeconomics | 20 |
| EAE5001-B | 2 | Entrepreneurship Creativity and Innovation | 20 |
| AFE5023-B | 2 | Research Methods for Economist | 20 |
| HRM5014-B | 2 | Organisational Design and Analysis | 20 |
| LAW4004-B | 2 | Business Law and Ethics | 20 |
| MAR5007-B | 2 | Integrated Marketing Communications | 20 |
| OIM5009-B | 2 | Management of Information Systems | 20 |
| SIB5003-B | 2 | Strategic Management | 20 |
| SIB5006-B | 2 | European Business and Management | 20 |
| LAW5006-C | 2 | Law in a Global Context | 20 |
| LAW5007-C | 2 | Law in the Community | 20 |
| LAW6002-B | 3 | Equity and Trusts | 20 |
| LAW6007-B | 3 | International Criminal Law | 20 |
| LAW6010-B | 3 | Law of Evidence | 20 |
| LAW6012-B | 3 | Social Welfare Law | 20 |
| AFE5009-B | 3 | Auditing | 20 |
| AFE6002-B | 3 | Taxation | 20 |
| AFE6016-B | 3 | Finance Project | 20 |
| AFE6018-B | 3 | Contemporary issues in Economics | 20 |
| AFE6020-B | 3 | Advanced Economics | 20 |
| HRM6010-B | 3 | Business Ethics and Social Responsibility | 20 |
| HRM6011-B | 3 | Contemporary Development in Employee Relations | 20 |
| MAR6011-B | 3 | Interactive Services Marketing | 20 |
| OIM6008-B | 3 | Project Management | 20 |
| SIB5006-B | 3 | European Business and Management | 20 |
| SIB6009-B | 3 | Cross Cultural Management | 20 |
| SIB6011-B | 3 | Multinationals in Emerging Economies | 20 |

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| **IT Modules** | | | | |
| **Code** | **Level** | **Name** | **Credits** | **Syllabus** |
| COS4001 | 1 | Computer Architecture and Systems Software | 20 | [link](https://www.brad.ac.uk/courses/) |
| COS4017 | 1 | Software Design and Development | 20 |
| COS4018 | 1 | Internet Technologies | 20 |
| COS5022 | 2 | Computational Modelling and Artificial Intelligence | 20 |
| COS5026 | 2 | Statistics and Data Analysis | 20 |
| COS5019 | 2 | EnterprisePro | 20 |
| COS5027 | 2 | Information Engineering and Testing | 20 |
| COS5027 | 2 | Icomputer Communications and Networks | 20 |
| COS6012 | 3 | Concurrent and Distributed Systems | 20 |
| COS6010 | 3 | Information Engineering | 20 |
| COS6009 | 3 | Large Scale Data Driven Applications | 20 |
| COS6007 | 3 | Foundations of Cryptography | 20 |
| COS6017 | 3 | AI for Games | 20 |
| COS7030 | 4 | ISO27000 | 20 |
| COS7029 | 4 | Etyical Hacking | 20 |
| COS7039 | 4 | IOT | 20 |
| COS7005 | 4 | Statistical Data Analysis | 20 |
| COS7023 | 4 | Internet Security and Protocols | 20 |
| COS7044 | 4 | Cloud Computing | 20 |
| COS7043 | 4 | Advanced IOT | 20 |
| COS7028 | 4 | Data mining | 20 |

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| **Chemistry Modules** | | | | |
| **Code** | **Level** | **Name** | **Credits** | **Syllabus** |
| CFS5017-B | 2 | Organic Chemistry 2 | 20 | [link](https://www.brad.ac.uk/courses/) |
| CFS5018-B | 2 | Physical Chemistry 2 | 20 |
| CFS5016-B | 2 | Inorganic Chemistry 2 | 20 |
| CFS5019-D | 2 | Practical Chemistry 2 | 40 |
| CFS6016-B | 3 | Molecular Analysis | 20 |
| CFS6017-B | 3 | Organic Chemistry 3 | 20 |
| CFS7013-B | 4 | Computational Drug Design | 20 |
| CFS7009-B | 4 | Computational Crystal Engineering | 20 |
| CFS7018-B | 4 | Materials Characterisation | 20 |

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| **Archaeology and Forensic Sciences**  **Modules** | | | | |
| **Code** | **Level** | **Name** | **Credits** | **Syllabus** |
| ARC4013-B | 4 | Themes in World Archaeology | 20 | [link](https://www.brad.ac.uk/courses/) |
| ARC4015-B | 4 | Field Recording Skills | 20 |
| ARC7049-E | 4 | Introductory Microbiology | 20 |
| ARC4022-B | 5 | Instrumental Analysis | 20 |
| ARC5009-B | 5 | Human Remains and Environmental Evidence | 20 |
| ARC5012-B | 5 | Heritage Management with GIS | 20 |
| ARC5016-B | 5 | Celts, Anglo-Saxons and Vikings | 20 |
| ARC5028-B | 5 | Bioarchaeology: Humans, Plants and Animals | 20 |
| BIS4013-B | 5 | Molecular Genetics | 20 |
| BIS5014-B | 5 | Pathology | 20 |
| ARC5029-B | 6 | Funerary Archaeology | 20 |
| ARC6010-B | 6 | Forensic Taphonomy: the degradation of human remains and death-scene materials | 20 |
| ARC6013-B | 6 | Chronology, Diet and Identity | 20 |
| ARC6023-B | 6 | Archaeology in Contemporary Society | 20 |
| ARC6031-B | 6 | Biomolecular approaches to the study of human skeletal remains | 20 |
| BIS5015-B | 6 | Biology of Disease | 20 |
| ARC6033-B | 7 | Forensic Archaeology and Crime Scene Investigation | 20 |
| ARC7012-B | 7 | Forensic Taphonomy | 20 |
| ARC7017-B | 7 | Palaeopathology | 20 |
| ARC7029-C | 7 | Archaeometry | 20 |
| ARC7035-B | 7 | Grave Concerns: Investigating the Archaeology of Death and Burial | 20 |
| ARC7036-B | 7 | Site Evaluation Strategies and GIS | 20 |
| ARC7048-B | 7 | Stage Four Research Project | 20 |
| BIS6012-B | 7 | Separation Science & Mass Spectrometry | 20 |
| CFS7027-B | 7 | Imaging | 20 |

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| **Psychology Modules** | | | | |
| **Code** | **Level** | **Name** | **Credits** | **Syllabus** |
| PSY4010-B | 1 | Understanding Social Development | 20 | [link](https://www.brad.ac.uk/courses/) |
| PSY4007-B | 1 | Applications of Professional Psychology | 20 |
| PSY5012-B | 2 | Methodological Issues and Qualitative Research | 20 |
| PSY5013-B | 2 | Developmental Psychology | 20 |
| PSY5009-B | 2 | Psychobiology and Neuroscience | 20 |
| PSY6001-B | 3 | Forensic Psychology | 20 |
| PSY6005-B | 3 | Psychology of Health and Eating | 20 |
| PSY7012-B | 7 | Psychobiology and Neuroscience | 20 |
| PSY7013-B | 7 | Developmental Psychology | 20 |
| PSY6005-B | 7 | Psychology of Health and Eating | 20 |
| PSY6001-B | 7 | Forensic Psychology | 20 |

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| **Engineering Modules**  **(Biomedical, Chemical, Civil and Structural, Mechanical, Software Engineering)** | | | | |
| **Code** | **Level** | **Name** | **Credits** | **Syllabus** |
| ENG4008-B | 1 | Thermofluids | 20 | [link](https://www.brad.ac.uk/courses/) |
| ENB4002-B | 1 | Computer Aided Engineering | 20 |
| COS4001-B | 1 | Computer Architecture and Systems Software | 20 |
| COS4017-B | 1 | Software Design & Development | 20 |
| COS4018-B | 1 | Internet Technologies | 20 |
| COS5017-B | 2 | System Security Management | 20 |
| COS5019-B | 2 | Enterprise-Pro | 20 |
| COS5025-B | 2 | Computer Communications and Networks | 20 |
| COS5027-B | 2 | Information Engineering and Testing | 20 |
| MHT5007-B | 2 | Cell and Tissue Biology | 20 |
| CPE5009-B | 2 | Engineering and Chemical Thermodynamics | 20 |
| ENB6010-B | 3 | Project Management and Six Sigma | 20 |
| ENB6009-B | 3 | Reliability & Safety Engineering | 20 |
| ENG6005-B | 3 | Sustainable Energy | 20 |
| CPE6006-B | 3 | Petroleum Engineering | 20 |
| COS6012-B | 3 | Concurrent and Distributed Systems | 20 |
| COS6009-B | 3 | Large Scale Data Driven Applications | 20 |
| MHT7008-B | 4 | Clinical Biomechanics | 20 |
| MHT7014-B | 4 | Clinical Diagnostics | 20 |
| CPE7007-B | 4 | Upstream Production & Refinery Operations | 20 |
| CPE7004-B | 4 | Food & Pharmaceutical Processes Engineering | 20 |
| CPE7012-B | 4 | Polymer and Materials Engineering | 20 |
| CSE7013-B | 4 | Water and Waste Water Treatment | 20 |
| ENB7007-B | 4 | Risk Assessment &Management | 20 |
| ENB7008-B | 4 | Supply Chain Management and Production | 20 |
| CSE7014-B | 7 | Advanced Structural Design | 20 |
| CSE7010-B | 7 | Structural Dynamics and Earthquake Engineering | 20 |
| CSE7013-B | 7 | Water and Waste Water Treatment | 20 |
| CSE7012-B | 7 | Computational Fluid Dynamics and Finite Element Analysis | 20 |
| ENB7007-B | 7 | Risk Assessment and Management | 20 |
| ENB7008-B |  | Supply Chain Management and Production | 20 |

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| **Film, Television, Media, Animation Modules** | | | | |
| **Code** | **Level** | **Name** | **Credits** | **Syllabus** |
| FAM4005-B | 1 | Editing | 20 | [link](https://www.brad.ac.uk/courses/) |
| GAV4001-B | 1 | Conventions of Animation | 20 |
| FAM4010-B | 1 | Film - Narrative and Genre | 20 |
| FAM4013-B | 1 | Institutions and Audiences | 20 |
| GAV4009-B | 1 | Introduction to Digital Visual Effects | 20 |
| GAV4003-B | 1 | 3D Character Animation | 20 |
| GAV5019-B | 1 | Application Programming and Development | 20 |
| GAV5005-B | 2 | Facial Modelling and Animation | 20 |
| GAV5012-B | 2 | 3D Character Creation | 20 |
| FAM5006-B | 2 | British Film and Television Fictions | 20 |
| FAM5016-B | 2 | Drama Production | 20 |
| FAM5010-B | 2 | Storytelling for Multiple Platforms | 20 |
| GAV5016-B | 2 | Look Development, Lighting and Advanced Rendering | 20 |
| GAV5018-B | 2 | Digital Compositing and Post Production | 20 |
| GAV6002-B | 2 | Effects Animation and Dynamics for VFX | 20 |
| GAV5017-B | 2 | Motion Capture & Digital Scanning | 20 |
| FAM6007-B | 3 | Alternative Film and Media | 20 |
| FAM6004-B | 3 | Experimental Filmmaking | 20 |
| FAM6013B | 3 | Practices of Representation | 20 |
| GAV6008-D | 3 | Major Project Production | 20 |
| GAV5005-B | 3 | Facial Modelling/Animation | 20 |
| COS6017-B | 3 | AI for Games | 20 |
| FAM7010-B | 7 | Short Form Commissioning | 20 |
| FAM7017-B | 7 | Visualization and Storyboarding | 20 |
| FAM7028-B | 7 | Post Production | 20 |

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| **Sociology and Social Work Modules** | | | | |
| **Code** | **Level** | **Name** | **Credits** | **Syllabus** |
| SAC4014-B | 1 | Sociology of Identity and the Self | 20 | [link](https://www.brad.ac.uk/courses/) |
| SAC4015-B | 1 | Contemporary Sociological Theory in Everyday Life | 20 |
| SAC4016-B | 1 | The History of Sociological Ideas: From Modernity to Postmodernity | 20 |
| SAC4005-B | 1 | State and Society | 20 |
| SAC4008-B | 1 | Introduction to Psychology | 20 |
| SAC5004-B | 2 | Popular Culture | 20 |
| SAC5016-B | 2 | Applying Social Science in Real World Contexts: Research and Employment | 20 |
| SOW5005-B | 2 | Mental Health | 20 |
| SAC6018-B | 3 | The Sociology of Education: Social Transitions and Inequalities. | 20 |
| SOW6002-B | 3 | Organisations & Professional Development | 20 |
| SAC7004-B | 7 | Minorities and Refugees: A century caught between persecution and self-reliance | 20 |
| SAC7005-B | 7 | Gendered Transitions | 20 |
| SAC7006-B | 7 | Researching the Social World | 20 |
| SOW7008-B | 7 | Social Work with Children and Families | 20 |
| SOW7007-B | 7 | Social Work with Adults | 20 |
| SOW7006-B | 7 | Law for Social Work | 20 |

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| **Peace Studies Modules** | | | | |
| **Code** | **Level** | **Name** | **Credits** | **Syllabus** |
| PES5009-B | 2 | Conflict Research Skills | 20 | [link](https://www.brad.ac.uk/courses/) |
| PES5006-B | 2 | Development Ideas in Practice | 20 |
| PES5017-B | 2 | Responding to Conflict: Approaches, Ethics, Experience | 20 |
| PES5013-B | 2 | Understanding Violence | 20 |
| PES5010-B | 2 | Security: Theories and Concepts | 20 |
| PES5017-B | 2 | Responding to Conflict: Approaches, Ethics and Experience | 20 |
| PES6009-B | 3 | Security: Threats and Security Analysis | 20 |
| PES6003-B | 3 | Democracy and Authoritarianism | 20 |
| PES6004-B | 3 | Peace, Conflict and Development | 20 |
| PES6002-B | 3 | Human Rights | 20 |
| PES6008-B | 3 | Peace, Ecology and Resilience | 20 |
| PES7049-B | 7 | Skills for Constructive Conflict Engagement | 20 |
| PES7045-B | 7 | Natural Resource Governance | 20 |
| PES7044-B | 7 | Movements for Social and Ecological Justice | 20 |
| PES7055-B | 7 | Transnational Challenges: Problems and Responses | 20 |
| PES7038-B | 7 | Creative Conflict Transformation | 20 |
| PES7046-B | 7 | Peacekeeping and Peacebuilding | 20 |
| PES7041-B | 7 | Gender, Conflict and Development | 20 |
| PES7053-B | 7 | Terrorism and Political Violence | 20 |
| PES7052-B | 7 | Sustainable Cities | 20 |
| PES7043-B | 7 | Middle East Politics and Security Dynamics | 20 |
| DEV7036-B | 7 | Assessing Development Needs and Outcomes | 20 |
| PES7042-B | 7 | International Environmental Governance | 20 |