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| CORE PROGRAMME OBLIGATORY MODULES | | | |
|  | **Code** | **Module name** | **EC** |
|  | CH3531 | Functional Ceramics | 3 |
|  | CH4011MS | Polymer Science | 4 |
|  | MS43000 | Society’s Needs: Case Studies and Materials Challenges | 3 |
|  | MS43005 | Structure and Properties of Materials | 8 |
|  | MS43010 | Characterisation of Materials | 6 |
|  | MS43015 | Metals Science | 4 |
|  | MS43020 | Computational Materials Science | 3 |
|  | MS43025 | Mechanical Behaviour of Materials | 4 |
|  | MS43030 | Processing of Materials | 3 |
|  | WM0320TU | Ethics & Engineering | 3 |
| Total MSE Core Programme modules | | |  | 41 EC |

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| MSD SPECIALISATION OBLIGATORY MODULES | | | | |
|  | **Code** | | **Module name** | **EC** |
|  | MS43300 | Materials and Sustainable Development | | 3 |
|  | MS43305 | Materials for Clean Energy Technologies | | 4 |
| **CHOOSE AT LEAST 2 OUT OF 4 MODULES** | | | | |
|  | MS43205 | Computational Materials Science II | | 3 |
|  | MS43310 | Materials at High Temperature | | 4 |
|  | MS43210 | Advanced Characterisation | | 4 |
|  | MS43315 | Recycling Engineering Materials | | 4 |
| Total MSD Specialisation modules ≥ 14EC | | | |  |  |

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| ELECTIVE MODULES | | | |
|  | **Code** | **Module name** | **EC** |
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| Total Elective modules | | |  |  |

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| Assignments (MSc-project, other Projects) | | | | | |
|  | | **Code** | | **Module name** | **EC** |
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|  |  | |  | |  |
|  | | MS53010 | | Literature Research | 10 |
|  | | MS53035 | | Graduation Project MSE | 35 |
| Total MSc-project | | | | |  | 45 EC |
| Total MSE master program ≥ 120 EC | | | | |  |  |

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| Date: |  | |
| Signature Master Coordinator:  **Yaiza Gonzalez-Garcia** | Signature student: | Signature Board of Examiners: |