**Double Master’s programme Applied Physics – Biomedical Engineering (AP - BME)**

**Course list** (can be filled in digitally)

Name student: Click or tap here to enter text. Student number: Click or tap here to enter text.

Date: Click or tap to enter a date.

*This is an adjustment to a previously submitted form.*

**Please submit this form before the start of the master’s assignment**

**Basic principles of the double master’s programme AP-BME**

According to both the EER/TER of the AP and the BME, the Double Master’s programme AP-BME is a combination of the separate master’s programmes , which the student follows simultaneously. The Standard Double Master’s programme AP-BME is subject to the following requirements;

* Admitted to both the Master Applied Physics and the Master Biomedical Engineering program,
* The total of the double master’s programma is minimal 180 EC,
* 30-45 EC Compulsory courses Master AP,
* 30-45 EC Compulsory courses Master BME,
  + *courses which are part of the compulsory courses of both programmes, shall be assigned to the most appropriate programme*
* 20 EC Combined internship
* 70 EC Combined master’s assignment
* 0-30 EC Elective courses

*- The Master’s programme AP-BME may contain a maximum of 15 ECs of homologation courses of bachelor level, if these are needed for the successful completion of the programme.*

to the office of Education Affairs: **BOZ-AM**, Citadel H332, [BOZ-AM@utwente.nl](mailto:BOZ-AM@utwente.nl) **and BOZ-AP**, Citadel H332, [BOZ-AP@utwente.nl](mailto:BOZ-AP@utwente.nl)

**Courses to fulfill the requirements for graduation in the master Biomedical Engineering;**

**MSc track:** Click or tap here to enter text. **Research group:** Click or tap here to enter text.

|  |  |  |
| --- | --- | --- |
| **Compulsory courses** | | **EC** |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
|  | **Specialization - Chair specific courses & Electives** |  |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| **Total** |  | **EC** |

**Courses to fulfill the requirements for graduation in the master Applied Physics;**

**Specialization/Research group:** Click or tap here to enter text.

|  |  |  |
| --- | --- | --- |
| **Compulsory courses[[1]](#footnote-1)** | | **EC** |
| 202200093 | Quantum Mechanics 2 | 5 |
| 201900080 | Mathematical and Numerical Physics | 5 |
| 191470241 | Heat and Mass Transfer | 5 |
| 201900282 | Small Signals and Detection | 4 |
| 201900281 | Ethical and Cultural Awareness | 1 |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
|  | **Specialization - Chair specific courses & Electives[[2]](#footnote-2)** |  |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| **Total** |  | **EC** |

**Courses required to fulfill the requirements for graduation of both master programmes;**

|  |  |  |
| --- | --- | --- |
| **Shared courses** | | **EC** |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| Course code | Course name | EC |
| **Internship combined (20 EC)** | |  |
| 201900287 | Internship: AP-BME | 20 |
| **Master’s assignment** | |  |
| 201900318 | Master’s assignment AP-BME: General Aspects | 35 |
| 201900319 | Master’s assignment AP-BME: Scientific Aspects | 35 |
| **Total** |  |  |

**Total EC double master’s programme: EC**

|  |
| --- |
| **Motivation for deviation course list and other remarks:** If your request deviates in any way from the program as indicated on the form or the curriculum of your generation, please fill in a motivation for the Board of Examiners. |
|  |

**Signatures[[3]](#footnote-3) for approval course list:**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Student*** | Name | Date |  |
| ***BME spec. chair[[4]](#footnote-4)*** | Name | Date |  |
| ***AP spec. chair*** | Name | Date |  |
| ***Chairman MEX-BME*** | Name | Date |  |
| ***Secretary MEX AP[[5]](#footnote-5)*** | Dr.K. Sotthewes | Date |  |

1. If a compulsory course has already been completed in the BSc phase, do not mark the course. But mention this in the remark field. [↑](#footnote-ref-1)
2. A Capita Selecta course can be listed as a technical/physics or a free elective. An application form, for approval, must be send to the programme before the start of the course. [↑](#footnote-ref-2)
3. This form can be signed with a certified digital signature. See [this website](https://www.utwente.nl/nl/tn/onderwijs/ict/Digital-signing/) for more information about digital signing. [↑](#footnote-ref-3)
4. The chair of the thesis committee approves the AP specialization section, according to the AP curriculum. [↑](#footnote-ref-4)
5. The secretary of the MEX AP approves the entire AP courselist. [↑](#footnote-ref-5)