

## Appendix 2: Master's study plan template Medical Engineering

No.	Module groups	ECTS credits	Recommended semester distribution <sup>8)</sup>				Type and scope of the course and examination achievement <sup>4)</sup>
			1.	2.	3.	4.	
<b>M 1</b>	<b>Medical specialisation modules</b> according to the catalogue of elective modules for all branches of study <sup>1) 2) 3)</sup>	<b>10</b>	5	5			<b>EA:</b> written examination (Klausur) 60/90 min. /oral examination 30 min.
<b>M 2</b>	<b>Engineering core modules</b> according to catalogue of elective modules for specific branch of study <sup>2) 3)</sup>	<b>20</b>	10	10			<b>EA:</b> written examination (Klausur) 60/90 min. /oral examination 30 min.
<b>M 3</b>	<b>Medical Engineering core modules</b> according to catalogue of elective modules for specific branch of study <sup>3) 5)</sup>	<b>20</b>	10	10			<b>EA:</b> written examination (Klausur) 60/90 min. /oral examination 30 min.
<b>M 4</b>	<b>Medical Engineering core skills</b> according to basic curriculum in catalogue of elective modules for specific branch of study <sup>3)</sup>	<b>10</b>	5		5		<b>EA</b> (reports + presentations acc. to dept. specifications)
<b>M 5</b>	<b>Medical Engineering specialisation modules</b> according to catalogue of elective modules for specific branch of study <sup>3) 6)</sup>	<b>10</b>		5	5		<b>EA:</b> written examination (Klausur) 60/90 min. /oral examination 30 min.
<b>M 6</b>	<b>Medical Engineering practical skills</b> according to the catalogue of elective modules for all branches of study <sup>3)</sup>	<b>10</b>			10		<b>uCA</b> (reports acc. to module descriptions and dept. specifications)
<b>M 7</b>	<b>Flexible budget</b> <sup>7)</sup>	<b>10</b>			10		<b>EA:</b> according to applicable examination regulations
<b>M 8</b>	<b>Master's thesis</b>	<b>30</b>				30	<b>EA</b> (report + presentation)
	Total ECTS credits <sup>9)</sup>	120	30	30	30	30	

**PfE** portfolio examination  
**EA** examination achievement  
**gCA** graded course achievement  
**uCA** ungraded course achievement

- 1) In the branch of study Medical Image and Data Processing, international students may take equivalent English-language modules in M1, M4 and M6.
- 2) Where necessary, modules defined as admission requirements with specific skills that were not completed during the Bachelor's degree programme must be taken.
- 3) The catalogues of elective modules with detailed examination requirements for each module shall be published on the Medical Engineering website before the start of the semester according to local practice.
- 4) One examination per module. When choosing modules from the catalogue of branches of study for the Master's degree programme, a subject-specific increase in expertise compared to the preceding Bachelor's degree must be proven.
- 5) In the module group M3, modules of up to 5 ECTS credits can be transferred from the module groups M2 and M3 of all disciplines.
- 6) In the module group M5, modules of up to 5 ECTS credits can be transferred from the module groups M2–M5 of all disciplines.
- 7) In the non-consecutive programme, the Admissions Committee defines the modules that have to be taken a posteriori in the flexible budget of module group M7.
- 8) The third and fourth semesters are designed as mobility windows during which students can realise stays abroad.
- 9) Approx. 100 semester hours