

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1. DS					
2. DS 9:20- 10:50		<b>L: Applied Bioinformatics</b> (Schroeder) CRTD Auditorium left, except on 14 May, 11 & 18 June: B CUBE E73&E74	<b>Optional module (choose 1 out 2) L: Materials in Biomedicine</b> (Hintze), MBZ, SR groundfloor, except on 15 May B CUBE E73&E74	<b>L: Genome Engineering</b> (Stewart/Anastassiadis), CRTD Auditorium left, except on 16 May & 20 June: BIOTEC E05	
3. DS 11:10- 12:40	<b>Optional module (choose 1 out 2) L: Microsystems Technology</b> (Al Aiti), BER/105/H	<b>E: Applied Bioinformatics</b> (Schroeder) CRTD Auditorium left, except on 14 May, 11 & 18 June: B CUBE E73&E74	<b>11:30 -13:00 L: Introduction to Bionanotechnology</b> (Al Aiti/Klinghammer) CRTD, Auditorium left, except on 15 May& 12 June: B CUBE E73 & E74 & 19 June: B CUBE E75	<b>L: Dynamics of Protein Networks</b> (Alberti), BIOTEC E05	
4. DS 13:00 - 14:30		<b>L: Biological Data Science with Python</b> (Poetsch/N.N.), CRTD Auditorium left, except on 14 May, 11 & 18 June: B CUBE E73&E74	<b>13:30-16:30 P: Lab courses in Materials in Biomedicine (Hintze) &amp; Microsystems Technology?</b> (Cuniberti) <i>Exact dates will be announced</i>	<b>13:00-14:00 OPTIONAL CMCB Life Sciences Seminars</b> <i>CRTD auditorium</i>	<i>Optional lecture: <b>Biological Thermodynamics</b> (Fahmy) BIOTEC E05</i>
5. DS 14:50- 16:20	<b>15:00-16:30 L: Cellular Machines</b> (Diez), CRTD Auditorium right, except on 13 May, 10 & 17 June: B CUBE E73&E74	<b>E: Biological Data Science with Python</b> (Poetsch/N.N.), CRTD Auditorium left, except on 14 May, 11 & 18 June: B CUBE E73&E74	<b>P: Introduction to Bionanotechnology</b> (Al Aiti/Klinghammer) /IPF <i>Exact dates will be announced</i>		
6. DS 16:40- 18:10	<b>S: Cellular Machines</b> (Diez) CRTD Auditorium right, except on 13 May, 10 & 17 June: B CUBE E73&E74				

L: Lecture, P: Practical/Lab course, S: Seminar, E: Exercise, T: Tutorial

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Information on the "**optional modules**"

In the 2<sup>nd</sup> and 3<sup>rd</sup> semesters, you have to choose at least one of the 2 following modules:

**Application in Technology** (composed of Microsystems Technology in the summer term and Applied Bionanotechnology in the winter term)

**Application in Biomedicine** (composed of Materials in Biomedicine in the summer term and Biomedical Tissue Engineering in the winter term)

You are also free to attend both lectures and even to register for both examinations – if so, in the end you choose the best module grade for being taken into account in your average master's grade; the grade(s) of the other module can be listed on your certificate under "additional topic".

If you make your choice for one of the 2 modules in the summer term, please note that this module has to be continued in the 3<sup>rd</sup> semester; one cannot take Application in Technology in one semester and Application in Biomedicine in the other semester.

Compulsory course (part of both Module Application in Technology and Application in Biomedicine):

**Seminar "Public and economic aspects of Bioengineering"**: in winter term 2024/2025

**Lecture period: 8 April to 17 May and 27 May to 19 July 2024**

**Holidays:**

1 May 2024

9 May 2024 (Ascension)

19 - 26 May 2024 (Pentecost)

5 June 2024 (dies academicus)

**Examinations:** 22 July – 9 August 2024

**Lab Courses:**

Lab Course "**Chemistry with Biomolecules**" (Zhang): **12 to 16 August 2024**, BIOTEC and CRTD Teaching Labs

Lab Course "**Dynamics of Protein Engineering**" (Franzmann/Alberti): **16 to 20 September 2024**, BIOTEC Teaching Lab

Lab Course "**Genome and Stem Cell Engineering**" (Anastassiadis/Kranz): **23 to 27 September 2024**, BIOTEC & CRTD Teaching Labs

Lab Course "**Cellular Machines, Fundamentals**" (Diez): **7 to 11 October 2024**, B CUBE