

# CLASS SCHEDULE 2nd SEMESTER – SUMMER TERM 2018



MASTER'S PROGRAM "MOLECULAR BIOENGINEERING"



## CMCB / BIOTEC

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<b>2. DS</b> <b>9:20-10:50</b>	<b>Optional module:</b> <b>(choose 1 out of 2)</b> <b>L: Microsystems Technology</b> (Braun) MBC seminar room 1 Budapester-Str. 27	<b>L: Applied Bioinformatics</b> (Schroeder) CRTD, Auditorium right Except on 15 May: BIOTEC E05/E06		<b>L: Genome Engineering</b> (Anastassiadis) BIOTEC E05/E06	
<b>3. DS</b> <b>11:10-12:40</b>		<b>T: Applied Bioinformatics</b> (Schroeder) CRTD, Auditorium right Except on 15 May: BIOTEC E05/E06	<b>Optional module:</b> <b>(choose 1 out of 2)</b> <b>11:30 – 13:00</b> <b>L: Materials in Biomedicine</b> (Scharnweber), MBC Except on 11 April & 16 May: BIOTEC, E05	<b>L: Dynamics of Protein Networks</b> (Stewart) BIOTEC E05/E06	<b>From 11:00 onwards:</b> <b>P: Introduction to Bionanotechnology</b> (Thiele) / IPF DD
<b>4. DS</b> <b>13:00-14:30</b>		<b>L: Probability, statistics and programming for computational biology</b> (Cannistraci) BIOTEC E05/E06	13:30-16:30 <b>P: Lab Courses in Materials in Biomedicine</b> (Scharnweber) & <b>Microsystems Technology</b> (Braun)		<i>Optional lecture:</i> <b>Biological Thermodynamics</b> (Fahmy), BIOTEC, E05
<b>5. DS</b> <b>14:50-16:20</b>	<b>15:00- 16:30</b> <b>L: Cellular Machines, Fundamentals</b> (Diez, Schlierf) CRTD, Auditorium right	<b>T: Probability, statistics and programming for computational biology</b> (Cannistraci) BIOTEC E030		<b>L: Introduction to Bionanotechnology</b> (Thiele) IPF / Budapester-Str. 27 Except on 19 April: BIOTEC, E05/E06	<b>16:00 – 17:00</b> <b>CMCB PhD/Post-Doc-Seminar</b> CRTD Auditorium
<b>6. DS u.</b> <b>16:40-18:10</b>	<b>S: Cellular Machines, Fundamentals</b> (Diez, Schlierf) CRTD, Auditorium right		<b>17:00-18:30</b> <i>Optional lecture:</i> <b>Developmental Cell Biology</b> (Brand), CRTD, SR1	<b>16:00 – 17:00</b> <b>Green Seminar</b> CRTD Auditorium	

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

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### Information on the "optional module":

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 2018/19

**Lecture period: 9 April to 21 July 2018**

### **Holidays:**

1 May 2018

10 May 2018 (Ascension)

6 June 2018 (Dies academicus)

19 May to 27 May 2018 (Pentecost)

**Examinations:** 23 July – 3 August 2018

### **Lab Courses:**

Lab Course "Dynamics of Protein Engineering" (Groß): **6 to 10 August 2018**, BIOTEC and CRTD Teaching Labs

Lab Course "Chemistry with Biomolecules" (Groß): **13 to 17 August 2018**, BIOTEC and CRTD Teaching Labs

Lab Course "Genome and Stem Cell Engineering" (Groß): **24 to 28 September 2018**, BIOTEC and CRTD Teaching Labs

Lab Course "Cellular Machines, Fundamentals" (Diez/Schlierf): **1<sup>st</sup> week of October 2018** (*to be confirmed*)