

**MASTER'S PROGRAM NANOBIOPHYSICS**

<b>Time / Day</b>	<b>MONDAY</b>	<b>TUESDAY</b>	<b>WEDNESDAY</b>	<b>THURSDAY</b>	<b>FRIDAY</b>
<b>9:20-10:50</b> (2. DS)					
<b>11:10-12:40</b> (3. DS)			<b>L: Biological Hydrodynamics</b> (Grill/Brugues) MPI-PKS/SR3		
<b>13:00-14:30</b> (4. DS)			14:00 – 15:30 <b>E: Biological Hydrodynamics</b> (Grill/Brugues) MPI-PKS/SR3		
<b>14:50-16:20</b> (5. DS)					
<b>16:40-18:10</b> (6. DS)					

L: Lecture; S: Seminar; E: Exercise; P: Practical-Lab Course



TECHNISCHE  
UNIVERSITÄT  
DRESDEN

## CLASS SCHEDULE 3rd SEMESTER WS 2017/18



biotec  
nanobiophysics  
Master of Science

### MASTER'S PROGRAM NANOBIOPHYSICS

#### Lab Courses:

Lab Course in "Scanning Probe Techniques": 16 & 17 October, 9am-5pm, IFW (Mühl)

Lab Course in "Single Molecule Optics": during the winter term – dates will be communicated, B-Cube/Arnoldstr. 18 (Diez/Schlierf)

**Lab rotations:** individual schedule for each student – you will find the forms to be submitted to the Examination Office on the Intranet, under "Examinations":

Lab rotation Biophysics

Lab rotation Nanophysics

Lab rotation Choice

#### Start of the lectures:

October 9, 2017

#### Break:

December 21, 2017 – January 3, 2018

#### Lecture free days:

October 31, 2017 and November 22, 2017

**Optional subjects: 2 subjects to be chosen:**

<b>Lecture</b>	<b>Teacher</b>	<b>Lecture time</b>
Biofunctionalised Surfaces	Scharnweber	Fridays 14:50-16:20, MBZ/SR1
Biomedical Tissue Engineering	Corbeil	Thursdays 8:30-10:00 and Fridays 13:00-15:00, BIOTEC/E05/06, until December 2017
Cellular Machines: Molecular Motors	Diez	Tuesdays 11:10-12:40 BIOTEC E05/06 – Until December 2017.
Current topics in Materials science	Cuniberti/Pump	Fridays 11:10-12:40, HAL/115 Hallwachsstr. 3
<i>Electromechanical Networks</i>	<i>Marschner</i>	<i>Thursdays 9:20-10:50 (Lecture), MIE 116 – to be confirmed</i> <i>Wednesdays 9:20-10:50 (Exercise), even weeks, MIE 116</i>
Genomes and Evolution	Stewart	Thursdays 10:15-12:30, BIOTEC E05/06
<i>Integrated Circuits of Broadband Optical Communications</i>	<i>Ellinger</i>	<i>Fridays 7:30-9:00 (Lecture), BAR 205 – to be confirmed</i> <i>Fridays 09:20-10:50 (Exercise), BAR 205</i> <i>Tuesdays 14:50-16:20 (Lab), BAR 205</i>
Introduction to Proteomics	Stewart	Thursdays 13:00-15:15, BIOTEC/E05
Magnetism on the Nanoscale	Büchner/Wurmehl	Mondays 16:40-18:10, IFW, DE2E.32
<i>Materials for Nanoelectronics and Printing Technology</i>	<i>Richter</i>	<i>Thursdays 11:10-12:40 (Lecture), GÖR/127/U – to be confirmed</i> <i>Mondays 9:20-10:50 or 14:50-16:20 (Practical)- exact time and days will be announced during the lecture</i>
<i>Mathematical Biology</i>	<i>Deutsch</i>	<i>Tuesdays: 16:40-18:10, APB E010</i>
<i>Molecular electronics</i>	<i>Cuniberti/ Moresco</i>	<i>Wednesdays 11:10-12:40, MBZ/SR1 (ground floor)- lecture</i> <i>Thursdays 7:30-9:00, MBZ/SR1 -exercises</i>
<i>Nanooptics</i>	<i>Eng</i>	<i>Mondays 13:00-14:30, REC/B124/H</i>
<i>Physical Characterization of Organic and Organic-Inorganic Thin Film</i>	<i>Zszech</i>	<i>Fridays 14:50-16:20 (Lecture), GÖR/127/U</i> <i>Mondays 11:10-12:40 (Practical)- The lab will probably take place as block practical at the end of the semester. Information will be given during the lecture.</i>
Protein Engineering	Stewart	Tuesdays: 14:50-17:00, BIOTEC E05- Until December 2016
Public and Economic Aspects	Diebel/Schmieder-Galfe	Ethics: 7 and 14 July 2017 Economics: 13 and 20 October 2017, CRTD, SR 3&4
Stem Cell Engineering	Anastassiadis	Thursdays, 11:10-14:30, CRTD SR3, until December 2016. !! on Wednesday 8 Nov and Wednesday 13 December at BIOTEC E05 (instead of Thursday 9 Nov and 14 Dec)

Surface Chemistry	Werner	Wednesdays 11:10-12:40, CRTD Auditorium Right; except 8 November & 13 December: BIOTEC E05/E06
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*Italic: dates and places to be confirmed*

### **Locations**

- APB: Andreas-Pfitzmann-Bau, Faculty of Computer Sciences, Nöthnitzer-Str. 46 (main campus of TU Dresden)
- BIOTEC: Biotechnology Center: Tatzberg 47/49
- CRTD: Center for Regenerative Therapies Dresden: Fetscherstr. 105
- BAR: Barkhausen-Bau (Barkhausen building), Helmholtz-Str. 18 (main campus of TU Dresden)
- GÖR: Görge-Bau (building Görge), Helmholtzstr. 9
- HAL: Hallwachsstrasse 3 (main campus of TU Dresden)
- INF: Faculty of Informatics, Nöthnitzer-Str. 46 (main campus of TU Dresden)
- IFW: Leibniz Institute for Solid State and Materials Research Dresden, Helmholtzstraße 20 (main campus of TU Dresden)
- MBZ: Max Bergmann Center for Biomaterials, Budapester-Str. 27
- MIE: Mierdel-Bau, Nöthnitzer Str. 64 (main campus TU Dresden)
- MPI-PKS: Max Planck Institute for Physics of Complex Systems, Nöthnitzer-Str. 38 (main campus TU Dresden)
- REC: Recknagel-Bau, Haeckel-Str. 3