

# Schedules M.Sc. Molecular Science SS2019

- detailed information is available in UnivIS
- Welcome and information session for the 1st semester students in C3 on 23.4.2019 at **11:30**
- Please register for your modules on StudON!!
  - The docketts of the various modules are available in StudOn after your registration in the respective module
- *courses written in italics were not listed in UnivIs when this schedule was made*
- subject to change without further notice
- version: 21.11.2018

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00					
9:00					
10:00					
11:00					
12:00					
13:00					
14:00	<b>Drug Discovery Seminar</b> Gmeiner, Burkovski, Clark [MSM-life-S] C4	<b>Drug Discovery Seminar</b> Gmeiner, Burkovski, Clark [MSM-life-S] C4			
15:00					
16:00					
17:00			<b>Drug Discovery Seminar</b> Gmeiner [MSM-life-S] C4 by announcement		

- LAB course Drug Discovery (Gmeiner) [MSM-life-LAB-PRA] 23 SWS; time and place by agreement

- MSM-ME4 Molecular biology is offered during the winter term; for details please contact Prof. Koch on due time

	Monday	Tuesday	Wednesday	Thursday	Friday
8 :00		Nanoscale semiconductors Bachmann [MSM-nano-B5-L] 0.113-12			
9:00					
10:00				Metallic Nanoparticles in medicine Kryschi [MSM-nano-B7-L] 0.113-12	
11:00					Modern techniques in surface science Papp [MSM-nano-B6-L] H2
12:00	Supramolecular Chemistry - molecular materials II Hirsch [MSM-nano-A1-L] C3				Modern techniques in surface science Papp [MSM-nano-B6-S] H2
13:00				Nanoprobes II Fink [MSM-nano-A3-L] H2	
14:00					
15:00					
16:00					
17 :00				Seminar Mol. Nanoscience Gröhn [MSM-nano-A4-S] C3	

**MSM-nano-A**  
Mandatory courses

**MSM-nano-B**  
Elective courses

•LAB Course Molecular Nanoscience [MSM-nano-A5-LAB] time and place by agreement – information in the Seminar Mol. Nanoscience

	Monday	Tuesday	Wednesday	Thursday	Friday
8 :00					
9:00					
10:00		<b>Chemie der Naturstoffe</b> Speck [MSM-ME1-E2-L] 00.110	<b>Metalloenzymes and Metals in Medicine</b> Burzlaff [MSM-ME1-C2-L] A 00.14	<b>Organocatalysis and catalytic reactions in water</b> Tsogoeva/Mokhir [MSM-ME1-E1-S] C1	
11:00					
12:00				<b>Special aspects in bioinorganic chemistry</b> Burzlaff [MSM-ME1-C5-S] 0.113-12	<b>Organocatalysis and catalytic reactions in water</b> Tsogoeva/Mokhir [MSM-ME1-E1-S] C3
13:00					
14:00					
15:00					
16:00	<b>Advanced Inorganic chemistry – Seminar talk</b> [MSM-ME1-A-S] 0.113-12 Academics of IC		<b>Challenges in Organic Chemistry</b> Hirsch [MSM-ME1-A-S] C3		
17 :00					

- LAB course Molecular Synthesis - OC [MSM-ME1-A-PRA] -7SWS- time and place by agreement, usually in the winter term; please contact Prof. Tsogoeva
- LAB course Molecular Synthesis - IC [MSM-ME1-A-PRA] -7 SWS- time and place by agreement; please contact Dr. Zahl at least 4-6 weeks in advance
- Modern X-ray structure determination of single crystals Heinemann [MSM-ME1-C4-L] time and place by agreement, please contact Dr. Heinemann (frank.heinemann@fau.de) latest till 26.4.2019

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00				<b>Quantum Chemistry II</b> Görling/Hieringer [CME1-B-L] P 3.88	
9:00					
10:00					<b>Quantum Chemistry II</b> N.N. [CME1-B-S] CCC 2.207 or Th 1.805
11:00				<b>Modeling of catalytic processes</b> Meyer, B. [MSM-ME2-B-L] H3	<b>Handling of Computer Systems in Science</b> Hieringer/Heßelmann [MSM-ME2-E-Ex] CCC 2.202a
12:00				<b>Seminar</b> <b>Time and place by agreement in the 1<sup>st</sup> lesson (compulsory)</b> Meyer, B. [MSM-ME2-B-S]	
13:00					
14:00					
15:00					
16:00					
17:00					

•**Computer Chemistry** - Exercises (Görling) [MSM-ME2-F-LAB] -2SWS- time and place by agreement, internship

•Recommended courses

•Quantum Chemistry L/S

•Practical training in Computer Chemistry, Görling, time and place by agreement

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00					
9:00					
10:00				<b>Metallic Nanoparticles in medicine</b> Kryschi [MSM-ME3-B9-L] 0.113-12	
11:00					<b>Modern techniques in surface science</b> Papp [MSM-ME3-B8-L] H2
12:00		<b>Solar Energy Conversion</b> Guldi [MSM-ME3-B6-L] H3			<b>Modern techniques in surface science - SEM</b> Papp [MSM-ME3-B8-S] H2
13:00	<b>Catalysis and Kinetics</b> Libuda [MSM-ME3-B10-L] 0.113-12				
14:00					
15:00		<b>Catalysis and Kinetics</b> Libuda [MSM-ME3-B10-S] 0.113-12			
16:00					
17:00					

•Lab course Advanced Physical Chemistry (Sauer) [MSM-ME3-A-LAB] ; 8 SWS; time and place by agreement

- **MSM-ME4 Molecular Biology**

- various courses including seminars between November and February; **please check StudOn (NatFak-BIOLOGIE-Wintersemester 201\*-Nebenfachveranstaltungen aus der Biologie-Wahlpflichtmodul MS35 Molekulare Biologie)**

Further information: Prof. Dr. C. Koch (Staudtstr. 5, 91058 Erlangen, Telefon: 09131 85 28257, e-mail: christian.koch@fau.de)

- Please contact Prof. C. Koch on due time!!

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00					
9:00		Medizinische Chemie Gmeiner [MSM-ME5A-A2-L] C2	Medizinische Chemie Gmeiner [MSM-ME5A-A2-L] C2	Medizinische Chemie Gmeiner [MSM-ME5A-A2-L] C2	
10:00		Pharm. med. Analytik Eichler [MSM-ME5A-A1-L] C3			
11:00					
12:00					
13:00					
14:00					
15:00					
16:00					
17:00					Subject to change without notice!!

•Pharmacopeia based analysis of bioactive compounds [MSM-ME5A-A3-LAB] Eichler; winter term (October)

•Note: the lectures ‚Medizinische Chemie‘ A2 and ‚Pharmazeutisch medizinische Analytik‘ A1 are given in German



	Monday	Tuesday	Wednesday	Thursday	Friday
8:00					<b>Biopharmazie – Seminar</b> Lee [MSM-ME5B-B1-S] SS or WS Sem Pharm Techn
9:00					
10:00			<b>Bioanalytisch – Instrumentelle Analytik</b> Pischetsrieder [MSM-ME5B-B4-S] C4	<b>Biopharmazie</b> Lee [MSM-ME5B-B2-L] C2	
11:00					
12:00					
13:00					
14:00				<b>Gefriertrocknung pharmazeut. Produkte</b> Gieseler [MSM-ME5B-B3-S] C2	
15:00					
16:00					
17:00					Subject to change without notice!!

- **Bioanalytics Lab Course** [MSM-ME5B-B5-LAB] Pischetsrieder; semester break between winter and summer term, contact: Prof. Pischetsrieder
- **Bioassays** [MSM-ME5B-B6-LAB] Gmeiner; time and place by agreement; coordinator: Dr. Hübner
- **Note: the lectures B2, B3 and B4 are given in German**

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8:00					
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15:00					
16:00					
17:00					

- please check details in UnivIS
- [Cell signaling and chemistry of oxidative stress](#), Ivanovic [MSM-ME6-B-L], block course, time and place by agreement
- Chemistry of Life – practical session [MSM-ME6-D-LAB] Ivanovic: please contact Dr. Zahl)
- [Experimental techniques and selected Topics in Chemical Biology of Diseases](#) Ivanovic [MSM-ME6-C-S], time and place by agreement