

Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
Version 1 of 22.07.2024 – Week 1 of 16.09.2024

Time	Monday 16.09.2024	Tuesday 17.09.2024	Wednesday 18.09.2024	Thursday 19.09.2024	Friday 20.09.2024
8/00 h					
8/15 h					
8/30 h			08.15-10.00 Introduction to Digital Signal Processing L. Witthauer	08.15-10.00 Introductory Anatomy and Histology for Biomedical Engineers I. Marques	
8/45 h					
9/00 h	09.00-10.00				
9/15 h	Short Introduction to Matlab				09.15-11.00
9/30 h	F. Modica			Anstomie A224	Biological Principles of Human Medicine
9/45 h	Preparation Courses UniS S101		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
10/00 h					
10/15 h	10.15-12.00				
10/30 h	Introduction to Programming		10.15-12.00 Basics in Physiology for BME	10.15-12.00 Introduction to Biomechanics	Unitobler F023
10/45 h	P. Arnold				Basic Modules (Mandatory)
11/00 h					
11/15 h					
11/30 h	UniS A027		Anatomie A224		
11/45 h	Preparation Courses		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
12/00 h					
12/15 h					
12/30 h			12.15-14.00 Introduction to Electrical Engineering V. Koch	12:15-14:00 Introduction to Engineering Mechanics M. Eugster	12.15-14.00 Principles of Medical Imaging J. Bastiaansen
12/45 h					
13/00 h					
13/15 h	13.15-15.00				
13/30 h	Introduction to Material Science		HG 105	HG 105	HG 106
13/45 h	A. Dommann		Preparation Courses	Preparation Courses	Basic Modules (Mandatory)
14/00 h					
14/15 h			14.15-16.00	14.15-16.00	14.15-16.00
14/30 h			Medical Informatics	Numerical Methods H. Heck, S. Felix	Numerical Methods H. Heck, S. Felix
14/45 h	Preparation Courses				
15/00 h					
15/15 h					
15/30 h				HG 106	HG 205
15/45 h			Basic Modules (Mandatory)	Basic Modules (Mandatory)	Basic Modules (Mandatory)
16/00 h					16.00-16.30 HG 205
16/15 h			16.15-18.00	16.15-18.00	Numerical Methods Tutorial (voluntary)
16/30 h			Biomedical Instrumentation V. Koch	Selected Chapters in Mathematics E. Baur, J. Wandel	
16/45 h					
17/00 h					
17/15 h					
17/30 h					
17/45 h			HG 106	UniS A027	
18/00 h			Basic Modules (Mandatory)	Preparation Courses	
18/15 h					
18/30 h					
18/45 h					

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Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
Week 2 of 23.09.2024

Time	Monday 23.09.2024	Tuesday 24.09.2024	Wednesday 25.09.2024	Thursday 26.09.2024	Friday 27.09.2024
8/00 h					
8/15 h					
8/30 h					
8/45 h					
9/00 h	09.00-10.00				
9/15 h	Short Introduction to Matlab				
9/30 h	F. Modica				
9/45 h	Preparation Courses UniS S101				
10/00 h					
10/15 h	10.15-12.00				
10/30 h	Introduction to Programming				
10/45 h	P. Arnold				
11/00 h					
11/15 h					
11/30 h	UniS A027				
11/45 h	Preparation Courses				
12/00 h					
12/15 h					
12/30 h					
12/45 h					
13/00 h					
13/15 h	13.15-15.00				
13/30 h	Introduction to Material Science				
13/45 h	A. Dommann				
14/00 h					
14/15 h					
14/30 h					
14/45 h	Preparation Courses				
15/00 h					
15/15 h					
15/30 h					
15/45 h					
16/00 h					
16/15 h					
16/30 h					
16/45 h					
17/00 h					
17/15 h					
17/30 h					
17/45 h					
18/00 h					
18/15 h					
18/30 h					
18/45 h					

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Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
Week 3 of 30.09.2024

Time	Monday 30.09.2024	Tuesday 01.10.2024	Wednesday 02.10.2024	Thursday 03.10.2024	Friday 04.10.2024
8/00 h					
8/15 h					
8/30 h			08.15-10.00	08.15-10.00	
8/45 h			Introduction to Digital Signal Processing L. Witthauer	Introductory Anatomy and Histology for Biomedical Engineers I. Marques	
9/00 h	09.00-10.00				
9/15 h	Short Introduction to Matlab				09.15-11.00
9/30 h	F. Modica			Anstomie A224	Biological Principles of Human Medicine
9/45 h	Preparation Courses UniS S101		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
10/00 h					
10/15 h	10.15-12.00		10.15-12.00	10.15-12.00	
10/30 h	Introduction to Programming		Basics in Physiology for BME	Introduction to Biomechanics	Unitobler F023
10/45 h	P. Arnold				Basic Modules (Mandatory)
11/00 h					
11/15 h					
11/30 h	UniS A027		Anatomie A224		
11/45 h	Preparation Courses		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
12/00 h					
12/15 h			12.15-14.00	12:15-14:00	12.15-14.00
12/30 h			Introduction to Electrical Engineering	Introduction to Engineering Mechanics	Principles of Medical Imaging
12/45 h			V. Koch	M. Eugster	J. Bastiaansen
13/00 h					
13/15 h	13.15-15.00				
13/30 h	Introduction to Material Science		HG 105	HG 105	HG 106
13/45 h	A. Dommann		Preparation Courses	Preparation Courses	Basic Modules (Mandatory)
14/00 h					
14/15 h			14.15-16.00	14.15-16.00	14.15-16.00
14/30 h			Medical Informatics	Numerical Methods	Numerical Methods
14/45 h	Preparation Courses			H. Heck, S. Felix	H. Heck, S. Felix
15/00 h					
15/15 h					
15/30 h				HG 106	HG 205
15/45 h			Basic Modules (Mandatory)	Basic Modules (Mandatory)	Basic Modules (Mandatory)
16/00 h					16.00-16.30 HG 205
16/15 h			16.15-18.00	16.15-18.00	Numerical Methods Tutorial (voluntary)
16/30 h			Biomedical Instrumentation	Selected Chapters in Mathematics	
16/45 h			V. Koch	E. Baur, J. Wandel	
17/00 h					
17/15 h					
17/30 h			HG 106	UniS A027	
17/45 h			Basic Modules (Mandatory)	Preparation Courses	
18/00 h					
18/15 h					
18/30 h					
18/45 h					

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Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
Week 4 of 07.10.2024

Time	Monday 07.10.2024	Tuesday 08.10.2024	Wednesday 09.10.2024	Thursday 10.10.2024	Friday 11.10.2024
8/00 h					
8/15 h					
8/30 h			08.15-10.00 Introduction to Digital Signal Processing L. Witthauer	08.15-10.00 Introductory Anatomy and Histology for Biomedical Engineers I. Marques	
8/45 h					
9/00 h	09.00-10.00				
9/15 h	Short Introduction to Matlab				
9/30 h	F. Modica				
9/45 h	Preparation Courses UniS S101		Basic Modules (Mandatory)	Anstomie A224 Basic Modules (Mandatory)	09.30-11.15 Biological Principles of Human Medicine
10/00 h					
10/15 h	10.15-12.00		10.15-12.00	10.15-12.00	
10/30 h	Introduction to Programming		Basics in Physiology for BME	Introduction to Biomechanics	
10/45 h	P. Arnold				
11/00 h					Unitobler F023 Basic Modules (Mandatory)
11/15 h					
11/30 h	UniS A027		Anatomie A224		
11/45 h	Preparation Courses		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
12/00 h					
12/15 h			12.15-14.00	12:15-14:00	12.15-14.00
12/30 h			Introduction to Electrical Engineering	Introduction to Engineering Mechanics	Principles of Medical Imaging
12/45 h			V. Koch	M. Eugster	J. Bastiaansen
13/00 h					
13/15 h	13.15-15.00				
13/30 h	Introduction to Material Science		HG 105	HG 105	HG 106
13/45 h	A. Dommann		Preparation Courses	Preparation Courses	Basic Modules (Mandatory)
14/00 h					
14/15 h			14.15-16.00	14.15-16.00	14.15-16.00
14/30 h			Medical Informatics	Numerical Methods	Numerical Methods
14/45 h	Preparation Courses			H. Heck, S. Felix	H. Heck, S. Felix
15/00 h					
15/15 h					
15/30 h					
15/45 h			Basic Modules (Mandatory)	HG 106 Basic Modules (Mandatory)	HG 205 Basic Modules (Mandatory)
16/00 h					16.00-16.30 HG 205
16/15 h			16.15-18.00	16.15-18.00	Numerical Methods Tutorial (voluntary)
16/30 h			Biomedical Instrumentation	Selected Chapters in Mathematics	
16/45 h			V. Koch	E. Baur, J. Wandel	
17/00 h					
17/15 h					
17/30 h					
17/45 h			HG 106	UniS A027	
18/00 h			Basic Modules (Mandatory)	Preparation Courses	
18/15 h					
18/30 h					
18/45 h					

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Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
 Week 5 of 14.10.2024

Time	Monday 14.10.2024	Tuesday 15.10.2024	Wednesday 16.10.2024	Thursday 17.10.2024	Friday 18.10.2024
8/00 h					08.00-09.00
8/15 h			08.15-10.00	08.15-10.00	Biological Principles of Human Medicine <i>Lab Coat Pickup</i> Course rooms 1-4, Baltzerstrasse 2
8/30 h		Introduction to Digital Signal Processing L. Witthauer	Introductory Anatomy and Histology for Biomedical Engineers I. Marques		
8/45 h					
9/00 h	09.00-10.00			Anstomie A224	09.30-11.15
9/15 h	Short Introduction to Matlab		Basic Modules (Mandatory)	Basic Modules (Mandatory)	Biological Principles of Human Medicine
9/30 h	F. Modica				
9/45 h	Preparation Courses UniS S101				
10/00 h					
10/15 h	10.15-12.00		10.15-12.00	10.15-12.00	Unitobler F023 Basic Modules (Mandatory)
10/30 h	Introduction to Programming		Basics in Physiology for BME	Introduction to Biomechanics	
10/45 h	P. Arnold				
11/00 h					
11/15 h			Anatomie A224		
11/30 h	UniS A027		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
11/45 h	Preparation Courses				
12/00 h					
12/15 h			12.15-14.00	12:15-14:00	12.15-14.00
12/30 h			Introduction to Electrical Engineering	Introduction to Engineering Mechanics	Principles of Medical Imaging J. Bastiaansen
12/45 h			V. Koch	M. Eugster	
13/00 h					
13/15 h	13.15-15.00		HG 105	HG 105	HG 106
13/30 h	Introduction to Material Science		Preparation Courses	Preparation Courses	Basic Modules (Mandatory)
13/45 h	A. Dommann				
14/00 h					
14/15 h			14.15-16.00	14.15-16.00	14.15-16.00
14/30 h			Medical Informatics	Numerical Methods	Numerical Methods H. Heck, S. Felix
14/45 h	Preparation Courses			H. Heck, S. Felix	
15/00 h					
15/15 h			Basic Modules (Mandatory)	HG 106	HG 205
15/30 h				Basic Modules (Mandatory)	Basic Modules (Mandatory)
15/45 h					
16/00 h					16.00-16.30 HG 205
16/15 h			16.15-18.00	16.15-18.00	Numerical Methods Tutorial (voluntary)
16/30 h			Biomedical Instrumentation	Selected Chapters in Mathematics	
16/45 h			V. Koch	E. Baur, J. Wandel	
17/00 h					
17/15 h					
17/30 h			HG 106	UniS A027	
17/45 h			Basic Modules (Mandatory)	Preparation Courses	
18/00 h					
18/15 h					
18/30 h					
18/45 h					

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Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
Week 6 of 21.10.2024

Time	Monday 21.10.2024	Tuesday 22.10.2024	Wednesday 23.10.2024	Thursday 24.10.2024	Friday 25.10.2024
8/00 h					
8/15 h					
8/30 h			08.15-10.00	08.15-10.00	08.15-11.00
8/45 h			Introduction to Digital Signal Processing L. Witthauer	Introductory Anatomy and Histology for Biomedical Engineers I. Marques	Biological Principles of Human Medicine
9/00 h	09.00-10.00				<i>Practical 1: Blood</i>
9/15 h	Short Introduction to Matlab			Anstomie A224	
9/30 h	F. Modica		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
9/45 h	Preparation Courses UniS S101				
10/00 h					
10/15 h	10.15-12.00		10.15-12.00	10.15-12.00	Lab rooms 1-4, Baltzerstrasse 2, 2nd floor
10/30 h	Introduction to Programming		Basics in Physiology for BME	Introduction to Biomechanics	Basic Modules (Mandatory)
10/45 h	P. Arnold				
11/00 h					
11/15 h			Anatomie A224	Basic Modules (Mandatory)	
11/30 h	UniS A027		Basic Modules (Mandatory)		
11/45 h	Preparation Courses				
12/00 h					
12/15 h			12.15-14.00	12:15-14:00	12.15-14.00
12/30 h			Introduction to Electrical Engineering	Introduction to Engineering Mechanics	Principles of Medical Imaging
12/45 h			V. Koch	M. Eugster	J. Bastiaansen
13/00 h					
13/15 h	13.15-15.00		HG 105	HG 105	HG 106
13/30 h	Introduction to Material Science		Preparation Courses	Preparation Courses	Basic Modules (Mandatory)
13/45 h	A. Dommann				
14/00 h					
14/15 h			14.15-16.00	14.15-16.00	14.15-16.00
14/30 h			Medical Informatics	Numerical Methods	Numerical Methods
14/45 h	Preparation Courses			H. Heck, S. Felix	H. Heck, S. Felix
15/00 h					
15/15 h			Basic Modules (Mandatory)	HG 106	HG 205
15/30 h				Basic Modules (Mandatory)	Basic Modules (Mandatory)
15/45 h					
16/00 h					16.00-16.30 HG 205
16/15 h			16.15-18.00	16.15-18.00	Numerical Methods Tutorial (voluntary)
16/30 h			Biomedical Instrumentation	Selected Chapters in Mathematics	
16/45 h			V. Koch	E. Baur, J. Wandel	
17/00 h					
17/15 h					
17/30 h			HG 106	UniS A027	
17/45 h			Basic Modules (Mandatory)	Preparation Courses	
18/00 h					
18/15 h					
18/30 h					
18/45 h					

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Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
Week 7 of 28.10.2024

Time	Monday 28.10.2024	Tuesday 29.10.2024	Wednesday 30.10.2024	Thursday 31.10.2024	Friday 01.11..2024
8/00 h					
8/15 h					
8/30 h					
8/45 h					
9/00 h	09.00-10.00				
9/15 h	Short Introduction to Matlab				
9/30 h	F. Modica				
9/45 h	Preparation Courses UniS S101				
10/00 h					
10/15 h	10.15-12.00				
10/30 h	Introduction to Programming				
10/45 h	P. Arnold				
11/00 h					
11/15 h					
11/30 h	UniS A027				
11/45 h	Preparation Courses				
12/00 h					
12/15 h					
12/30 h					
12/45 h					
13/00 h					
13/15 h	13.15-15.00				
13/30 h	Introduction to Material Science				
13/45 h	A. Dommann				
14/00 h					
14/15 h					
14/30 h					
14/45 h	Preparation Courses				
15/00 h					
15/15 h					
15/30 h					
15/45 h					
16/00 h					
16/15 h					
16/30 h					
16/45 h					
17/00 h					
17/15 h					
17/30 h					
17/45 h					
18/00 h					
18/15 h					
18/30 h					
18/45 h					

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Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
Week 8 of 04.11.2024

Time	Monday 04.11.2024	Tuesday 05.11.2024	Wednesday 06.11.2024	Thursday 07.11.2024	Friday 08.11.2024
8/00 h					
8/15 h					
8/30 h			08.15-10.00 Introduction to Digital Signal Processing L. Witthauer	08.15-10.00 Introductory Anatomy and Histology for Biomedical Engineers I. Marques	
8/45 h					
9/00 h	09.00-10.00				
9/15 h	Short Introduction to Matlab				09.15-11.00
9/30 h	F. Modica			Anstomie A224	Biological Principles of Human Medicine
9/45 h	Preparation Courses UniS S101		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
10/00 h					
10/15 h	10.15-12.00				
10/30 h	Introduction to Programming		10.15-12.00 Basics in Physiology for BME	10.15-12.00 Introduction to Biomechanics	Unitobler F023
10/45 h	P. Arnold				Basic Modules (Mandatory)
11/00 h					
11/15 h					
11/30 h	UniS A027		Anatomie A224		
11/45 h	Preparation Courses		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
12/00 h					
12/15 h			12.15-14.00	12:15-14:00	12.15-14.00
12/30 h			Introduction to Electrical Engineering	Introduction to Engineering Mechanics	Principles of Medical Imaging
12/45 h			V. Koch	M. Eugster	J. Bastiaansen
13/00 h					
13/15 h	13.15-15.00				
13/30 h	Introduction to Material Science		HG 105	HG 105	HG 106
13/45 h	A. Dommann		Preparation Courses	Preparation Courses	Basic Modules (Mandatory)
14/00 h					
14/15 h			14.15-16.00	14.15-16.00	14.15-16.00
14/30 h			Medical Informatics	Numerical Methods	Numerical Methods
14/45 h	Preparation Courses			H. Heck, S. Felix	H. Heck, S. Felix
15/00 h					
15/15 h					
15/30 h				HG 106	HG 205
15/45 h			Basic Modules (Mandatory)	Basic Modules (Mandatory)	Basic Modules (Mandatory)
16/00 h					16.00-16.30 HG 205
16/15 h			16.15-18.00	16.15-18.00	Numerical Methods Tutorial (voluntary)
16/30 h			Biomedical Instrumentation	Selected Chapters in Mathematics	
16/45 h			V. Koch	E. Baur, J. Wandel	
17/00 h					
17/15 h					
17/30 h					
17/45 h			HG 106	UniS A027	
18/00 h			Basic Modules (Mandatory)	Preparation Courses	
18/15 h					
18/30 h					
18/45 h					

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Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
Week 9 of 11.11.2024

Time	Monday 11.11.2024	Tuesday 12.11.2024	Wednesday 13.11.2024	Thursday 14.11.2024	Friday 15.11.2024
8/00 h					
8/15 h					
8/30 h			08.15-10.00 Introduction to Digital Signal Processing L. Witthauer	08.15-10.00 Introductory Anatomy and Histology for Biomedical Engineers I. Marques	08.15-09.15 Biological Principles of Human Medicine <i>Lecture</i> Unitobler F021
8/45 h					
9/00 h	09.00-10.00 Short Introduction to Matlab F. Modica			Anstomie A224	09.30-11.15 Biological Principles of Human Medicine
9/15 h			Basic Modules (Mandatory)	Basic Modules (Mandatory)	
9/30 h	Preparation Courses UniS S101				
9/45 h					
10/00 h					
10/15 h	10.15-12.00 Introduction to Programming P. Arnold		10.15-12.00 Basics in Physiology for BME	10.15-12.00 Introduction to Biomechanics	<i>Practical 2: Nutrition</i>
10/30 h					Lab rooms 1-4, Baltzerstrasse 2, 2nd floor
10/45 h					Basic Modules (Mandatory)
11/00 h					
11/15 h					
11/30 h	UniS A027		Anatomie A224		
11/45 h	Preparation Courses		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
12/00 h					
12/15 h					
12/30 h			12.15-14.00 Introduction to Electrical Engineering V. Koch	12:15-14:00 Introduction to Engineering Mechanics M. Eugster	12.15-14.00 Principles of Medical Imaging J. Bastiaansen
12/45 h					
13/00 h					
13/15 h	13.15-15.00				
13/30 h	Introduction to Material Science A. Dommann		HG 105	HG 105	HG 106
13/45 h			Preparation Courses	Preparation Courses	Basic Modules (Mandatory)
14/00 h					
14/15 h			14.15-16.00	14.15-16.00	14.15-16.00
14/30 h			Medical Informatics	Numerical Methods H. Heck, S. Felix	Numerical Methods H. Heck, S. Felix
14/45 h	Preparation Courses				
15/00 h					
15/15 h					
15/30 h				HG 106	HG 205
15/45 h			Basic Modules (Mandatory)	Basic Modules (Mandatory)	Basic Modules (Mandatory)
16/00 h					16.00-16.30 HG 205
16/15 h			16.15-18.00	16.15-18.00	Numerical Methods Tutorial (voluntary)
16/30 h			Biomedical Instrumentation V. Koch	Selected Chapters in Mathematics E. Baur, J. Wandel	
16/45 h					
17/00 h					
17/15 h					
17/30 h			HG 106	UniS A027	
17/45 h			Basic Modules (Mandatory)	Preparation Courses	
18/00 h					
18/15 h					
18/30 h					
18/45 h					

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Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
Week 10 of 18.11.2024

Time	Monday 18.11.2024	Tuesday 19.11.2024	Wednesday 20.11.2024	Thursday 21.11.2024	Friday 22.11.2024
8/00 h					
8/15 h					
8/30 h			08.15-10.00 Introduction to Digital Signal Processing L. Witthauer	08.15-10.00 Introductory Anatomy and Histology for Biomedical Engineers I. Marques	08.15-11.00 Biological Principles of Human Medicine
8/45 h					
9/00 h	09.00-10.00 Short Introduction to Matlab F. Modica			Anstomie A224	<i>Practical 3: Kidney</i>
9/15 h			Basic Modules (Mandatory)	Basic Modules (Mandatory)	
9/30 h	Preparation Courses UniS S101				
9/45 h					
10/00 h					
10/15 h	10.15-12.00 Introduction to Programming P. Arnold		10.15-12.00 Basics in Physiology for BME	10.15-12.00 Introduction to Biomechanics	Lab rooms 1-4, Baltzerstrasse 2, 2nd floor Basic Modules (Mandatory)
10/30 h					
10/45 h					
11/00 h					
11/15 h					
11/30 h	UniS A027		Anatomie A224		
11/45 h	Preparation Courses		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
12/00 h					
12/15 h					
12/30 h			12.15-14.00 Introduction to Electrical Engineering V. Koch	12:15-14:00 Introduction to Engineering Mechanics M. Eugster	12.15-14.00 Principles of Medical Imaging J. Bastiaansen
12/45 h					
13/00 h					
13/15 h	13.15-15.00 Introduction to Material Science A. Dommann		HG 105 Preparation Courses	HG 105 Preparation Courses	HG 106 Basic Modules (Mandatory)
13/30 h					
13/45 h					
14/00 h					
14/15 h			14.15-16.00 Medical Informatics	14.15-16.00 Numerical Methods H. Heck, S. Felix	14.15-16.00 Numerical Methods H. Heck, S. Felix
14/30 h					
14/45 h	Preparation Courses				
15/00 h					
15/15 h					
15/30 h			Basic Modules (Mandatory)	HG 106 Basic Modules (Mandatory)	HG 205 Basic Modules (Mandatory)
15/45 h					
16/00 h					16.00-16.30 HG 205
16/15 h			16.15-18.00 Biomedical Instrumentation V. Koch	16.15-18.00 Selected Chapters in Mathematics E. Baur, J. Wandel	Numerical Methods Tutorial (voluntary)
16/30 h					
16/45 h					
17/00 h					
17/15 h					
17/30 h			HG 106	UniS A027	
17/45 h			Basic Modules (Mandatory)	Preparation Courses	
18/00 h					
18/15 h					
18/30 h					
18/45 h					

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Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
Week 11 of 25.11.2024

Time	Monday 25.11.2024	Tuesday 26.11.2024	Wednesday 27.11.2024	Thursday 28.11.2024	Friday 29.11.2024
8/00 h					
8/15 h					
8/30 h			08.15-10.00	08.15-10.00	
8/45 h			Introduction to Digital Signal Processing L. Witthauer	Introductory Anatomy and Histology for Biomedical Engineers I. Marques	
9/00 h	09.00-10.00				
9/15 h	Short Introduction to Matlab				09.15-11.00
9/30 h	F. Modica			Anstomie A224	Biological Principles of Human Medicine
9/45 h	Preparation Courses UniS S101		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
10/00 h					
10/15 h	10.15-12.00				
10/30 h	Introduction to Programming		10.15-12.00	10.15-12.00	Unitobler F023
10/45 h	P. Arnold		Basics in Physiology for BME	Introduction to Biomechanics	Basic Modules (Mandatory)
11/00 h					
11/15 h					
11/30 h	UniS A027		Anatomie A224		
11/45 h	Preparation Courses		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
12/00 h					
12/15 h			12.15-14.00	12:15-14:00	12.15-14.00
12/30 h			Introduction to Electrical Engineering	Introduction to Engineering Mechanics	Principles of Medical Imaging
12/45 h			V. Koch	M. Eugster	J. Bastiaansen
13/00 h					
13/15 h	13.15-15.00				
13/30 h	Introduction to Material Science		HG 105	HG 105	HG 106
13/45 h	A. Dommann		Preparation Courses	Preparation Courses	Basic Modules (Mandatory)
14/00 h					
14/15 h			14.15-16.00	14.15-16.00	14.15-16.00
14/30 h			Medical Informatics	Numerical Methods	Numerical Methods
14/45 h	Preparation Courses			H. Heck, S. Felix	H. Heck, S. Felix
15/00 h					
15/15 h					
15/30 h				HG 106	HG 205
15/45 h			Basic Modules (Mandatory)	Basic Modules (Mandatory)	Basic Modules (Mandatory)
16/00 h					16.00-16.30 HG 205
16/15 h			16.15-18.00	16.15-18.00	Numerical Methods Tutorial (voluntary)
16/30 h			Biomedical Instrumentation	Selected Chapters in Mathematics	
16/45 h			V. Koch	E. Baur, J. Wandel	
17/00 h					
17/15 h					
17/30 h			HG 106	UniS A027	
17/45 h			Basic Modules (Mandatory)	Preparation Courses	
18/00 h					
18/15 h					
18/30 h					
18/45 h					

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Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
Week 12 of 02.12.2024

Time	Monday 02.12.2024	Tuesday 03.12.2024	Wednesday 04.12.2024	Thursday 05.12.2024	Friday 06.12.2024
8/00 h					
8/15 h					
8/30 h			08.15-10.00	08.15-10.00	
8/45 h			Introduction to Digital Signal Processing L. Witthauer	Introductory Anatomy and Histology for Biomedical Engineers I. Marques	
9/00 h	09.00-10.00				
9/15 h	Short Introduction to Matlab				09.15-11.00
9/30 h	F. Modica			Anstomie A224	Biological Principles of Human Medicine
9/45 h	Preparation Courses UniS S101		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
10/00 h					
10/15 h	10.15-12.00		10.15-12.00	10.15-12.00	
10/30 h	Introduction to Programming		Basics in Physiology for BME	Introduction to Biomechanics	Unitobler F023
10/45 h	P. Arnold				Basic Modules (Mandatory)
11/00 h					
11/15 h					
11/30 h	UniS A027		Anatomie A224		
11/45 h	Preparation Courses		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
12/00 h					
12/15 h			12.15-14.00	12:15-14:00	12.15-14.00
12/30 h			Introduction to Electrical Engineering	Introduction to Engineering Mechanics	Principles of Medical Imaging
12/45 h			V. Koch	M. Eugster	J. Bastiaansen
13/00 h					
13/15 h	13.15-15.00				
13/30 h	Introduction to Material Science		HG 105	HG 105	HG 106
13/45 h	A. Dommann		Preparation Courses	Preparation Courses	Basic Modules (Mandatory)
14/00 h					
14/15 h			14.15-16.00	14.15-16.00	14.15-16.00
14/30 h			Medical Informatics	Numerical Methods	Numerical Methods
14/45 h	Preparation Courses			H. Heck, S. Felix	H. Heck, S. Felix
15/00 h					
15/15 h					
15/30 h				HG 106	HG 205
15/45 h			Basic Modules (Mandatory)	Basic Modules (Mandatory)	Basic Modules (Mandatory)
16/00 h					16.00-16.30 HG 205
16/15 h			16.15-18.00	16.15-18.00	Numerical Methods Tutorial (voluntary)
16/30 h			Biomedical Instrumentation	Selected Chapters in Mathematics	
16/45 h			V. Koch	E. Baur, J. Wandel	
17/00 h					
17/15 h					
17/30 h					
17/45 h			HG 106	UniS A027	
18/00 h			Basic Modules (Mandatory)	Preparation Courses	
18/15 h					
18/30 h					
18/45 h					

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Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
Week 13 of 09.12.2024

Time	Monday 09.12.2024	Tuesday 10.12.2024	Wednesday 11.12.2024	Thursday 12.12.2024	Friday 13.12.2024
8/00 h					
8/15 h					
8/30 h			08.15-10.00 Introduction to Digital Signal Processing L. Witthauer	08.15-10.00 Introductory Anatomy and Histology for Biomedical Engineers I. Marques	
8/45 h					
9/00 h	09.00-10.00				
9/15 h	Short Introduction to Matlab				
9/30 h	F. Modica				
9/45 h	Preparation Courses UniS S101		Basic Modules (Mandatory)	Anstomie A224 Basic Modules (Mandatory)	09.30-11.15 Biological Principles of Human Medicine
10/00 h					
10/15 h	10.15-12.00		10.15-12.00	10.15-12.00	
10/30 h	Introduction to Programming		Basics in Physiology for BME	Introduction to Biomechanics	
10/45 h	P. Arnold				Unitobler F021 Basic Modules (Mandatory)
11/00 h					
11/15 h					
11/30 h	UniS A027		Anatomie A224		
11/45 h	Preparation Courses		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
12/00 h					
12/15 h			12.15-14.00	12:15-14:00	12.15-14.00
12/30 h			Introduction to Electrical Engineering	Introduction to Engineering Mechanics	Principles of Medical Imaging
12/45 h			V. Koch	M. Eugster	J. Bastiaansen
13/00 h					
13/15 h	13.15-15.00				
13/30 h	Introduction to Material Science		HG 105	HG 105	HG 106
13/45 h	A. Dommann		Preparation Courses	Preparation Courses	Basic Modules (Mandatory)
14/00 h					
14/15 h			14.15-16.00	14.15-16.00	14.15-16.00
14/30 h			Medical Informatics	Numerical Methods	Numerical Methods
14/45 h	Preparation Courses			H. Heck, S. Felix	H. Heck, S. Felix
15/00 h					
15/15 h					
15/30 h				HG 106	HG 205
15/45 h			Basic Modules (Mandatory)	Basic Modules (Mandatory)	Basic Modules (Mandatory)
16/00 h					16.00-16.30 HG 205
16/15 h			16.15-18.00	16.15-18.00	Numerical Methods Tutorial (voluntary)
16/30 h			Biomedical Instrumentation	Selected Chapters in Mathematics	
16/45 h			V. Koch	E. Baur, J. Wandel	
17/00 h					
17/15 h					
17/30 h			HG 106	UniS A027	
17/45 h			Basic Modules (Mandatory)	Preparation Courses	
18/00 h					
18/15 h					
18/30 h					
18/45 h					

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Master Biomedical Engineering – Time Table Fall Semester 2024 – First Semester Courses
Week 14 of 16.12.2024

Time	Monday 16.12.2024	Tuesday 17.12.2024	Wednesday 18.12.2024	Thursday 19.12.2024	Friday 20.12.2024
8/00 h					
8/15 h					
8/30 h			08.15-10.00 Introduction to Digital Signal Processing L. Witthauer	08.15-10.00 Introductory Anatomy and Histology for Biomedical Engineers I. Marques	08.15-11.00 Biological Principles of Human Medicine
8/45 h					
9/00 h	09.00-10.00 Short Introduction to Matlab F. Modica			Anstomie A224	<i>Practical 4: Molecular Biology</i>
9/15 h	Preparation Courses UniS S101		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
9/30 h					
9/45 h					
10/00 h					
10/15 h	10.15-12.00 Introduction to Programming P. Arnold		10.15-12.00 Basics in Physiology for BME	10.15-12.00 Introduction to Biomechanics	Lab rooms 1-4, Baltzerstrasse 2, 2nd floor
10/30 h					Basic Modules (Mandatory)
10/45 h					
11/00 h			<i>No course, but a course can be scheduled on short notice</i>		
11/15 h			Anatomie A224		
11/30 h	UniS A027		Basic Modules (Mandatory)	Basic Modules (Mandatory)	
11/45 h	Preparation Courses				
12/00 h					
12/15 h			12.15-14.00 Introduction to Electrical Engineering V. Koch	12:15-14:00 Introduction to Engineering Mechanics M. Eugster	12.15-14.00 Principles of Medical Imaging J. Bastiaansen
12/30 h					
12/45 h					
13/00 h					
13/15 h	13.15-15.00 Introduction to Material Science A. Dommann		HG 105 Preparation Courses	HG 105 Preparation Courses	HG 106 Basic Modules (Mandatory)
13/30 h					
13/45 h					
14/00 h					
14/15 h			14.15-16.00 Medical Informatics	14.15-16.00 Numerical Methods H. Heck, S. Felix	14.15-16.00 Numerical Methods H. Heck, S. Felix
14/30 h					
14/45 h	Preparation Courses				
15/00 h					
15/15 h					
15/30 h			Basic Modules (Mandatory)	HG 106 Basic Modules (Mandatory)	HG 205 Basic Modules (Mandatory)
15/45 h					
16/00 h					16.00-16.30 HG 205
16/15 h			16.15-18.00 Biomedical Instrumentation V. Koch	16.15-18.00 Selected Chapters in Mathematics E. Baur, J. Wandel	Numerical Methods Tutorial (voluntary)
16/30 h					
16/45 h					
17/00 h					
17/15 h					
17/30 h			HG 106	UniS A027	
17/45 h			Basic Modules (Mandatory)	Preparation Courses	
18/00 h					
18/15 h					
18/30 h					
18/45 h					

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