

**Anlage 2a: Modellstudienplan Master Studiengang Petroleum Engineering**  
**Studienrichtung Reservoir Management** \_AFB 21.07.2015\_5. Änd. 17.01.2023

SWS	1. Semester (WS)	2. Semester (SS)	3. Semester (WS)	4. Semester (SS)
1	Technical Writting 2 LP	Interpersonal Skills 3 LP	Enhanced Oil Recovery 5 LP	Master Thesis + Presentation 28 LP
2				
3	Geological Modeling 3 LP	Energy Law I 2 LP	Planning & Budgeting 3 LP	
4				
5	Thermodynamics & Phase Behavior of Hy- drocarbons 5 LP	Applied Well Test Analysis 5 LP	Wahlpflichtmodul 18 2 LP	
6				
7		Well Logging II 5 LP	Integrated Project Management 6 LP	
8				
9	Rock Mechanics II 5 LP		Fundamentals of Re- servoir Simulation 4 LP	
10				
11	Advanced Production 5 LP	Reservoir Simulation Workshop 3 LP	Group Project 12 LP	
12				
13		Well Planning 5 LP		
14				
15	Wahlpflichtmodul 16 4 LP			
16	Wahlpflichtmodul 15 5 LP	Wahlpflichtmodul 17 4 LP		
17				
18				
19				
20				
21				
Σ SWS	20	18	16	
Σ LP	32	32	28	28 LP

## Anlage 2b: Modellstudienplan Master Studiengang Petroleum Engineering

*Studienrichtung Drilling/Production* \_AFB 21.07.2015\_5. Änd. 17.01.2023

SWS	1. Semester (WS)	2. Semester (SS)	3. Semester (WS)	4. Semester (SS)
1	Technical Writing 2 LP	Interpersonal Skills 3 LP	Planning & Budgeting 3 LP	Master Thesis + Presentation 28 LP
2				
3	Thermodynamics & Phase Behaviour of Hy- drocarbons 5 LP	Energy Law I 2 LP	Health, Safety, Envir. Mgt 2 LP	
4		Well Logging II 5 LP	Integrated Project Ma- nagement 6 LP	
5				
6	Rock Mechanics II 5 LP	Adv. Drilling & Prod. Topics 4 LP	Group Project 12 LP	
7				
8				
9	Advanced Production 5 LP	Directional Drilling 4 LP		
10		Enhanced Production 4 LP		
11				
12	Advanced Drilling Technology 5 LP	Completion & Workover 5 LP	Wahlpflichtmodul 3 LP	
13				
14				
15	Well Planning 5 LP	Advanced HC Condition- ing & Processing I 3 LP		
16				
17	Wahlpflichtmodul 5 LP	Wahlpflichtmodul 4 LP		
18				
19				
20				
21				
S SWS	20	21	15	
S LP	32	34	26	28

## Anlage 2c: Modellstudienplan Master Studiengang Petroleum Engineering

*Studienrichtung Deep Geothermal Systems* \_AFB 21.07.2015\_5. Änd. 17.01.2023

SWS	1. Semester (WS)	2. Semester (SS)	3. Semester (WS)	4. Semester (SS)	
1	Technical Writing 2 LP	Interpersonal Skills 3 LP	Planning & Budgeting 3 LP	Master Thesis + Presentation 28 LP	
2					
3	Thermodynamics & Phase Behavior of Hy- drocarbons 5 LP	Energy Law I 2 LP	Geothermal Energy Pro- duction Systems 4 LP		
4					
5		Well Logging II 5 LP	Integrated Project Ma- nagement 6 LP		
6					
7	Rock Mechanics II 5 LP	Adv. Geothermal Engineering Topics 4 LP	Group Project 12 LP		
8					
9	Advanced Production 5 LP	Applied Well Test Anal- ysis 5 LP			
10					
11					
12	Advanced Drilling Tech- nology 5 LP	Completion & Worko- ver 5 LP			
13					
14					
15	Well Planning 5 LP	Enhanced Geothermal Systems 4 LP			Wahlpflichtmodul 3 LP
16					
17					
18	Wahlpflichtmodul 5 LP	Wahlpflichtmodul 4 LP			
19					
20					
21					
∑ SWS	20	19	16		
∑ LP	32	32	28	28	