## Anlage 2a: Modellstudienplan Master Studiengang Petroleum Engineering

*Studienrichtung Reservoir Management* _AFB 21.07.2015_6. Änd. 16.01.2024

| 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 | | |
| 4 | | Applied Well Test Analysis 5 LP | Planning & Budgeting 3 LP | |
| 5 | Thermodynamics & Phase Behavior of Hydrocarbons 5 LP | | | |
| 6 | | | Wahlpflichtmodul 18 2 LP | |
| 7 | | Well Logging II 5 LP | Integrated Project Management 6 LP | |
| 8 | Rock Mechanics II 5 LP | | | |
| 9 | | | | |
| 10 | | Fundamentials of Reservoir Simulation 4 LP | | |
| 11 | Advanced Production 5 LP | | Group Project 12 LP | |
| 12 | | Reservoir Simulation Workshop 3 LP | | |
| 13 | | | | |
| 14 | Well Planning 5 LP | Advanced Reservoir Topics 4 LP | | |
| 15 | | | | |
| 16 | | Wahlpflichtmodul 16 4 LP | | |
| 17 | Wahlpflichtmodul 15 5 LP | | | |
| 18 | | Wahlpflichtmodul 17 4 LP | | |
| 19 | | | | |
| 20 | | | | |
| 21 | | | | |
| ∑ SWS | 20 | 18 | 16 | |
| ∑ LP | 32 | 32 | 28 | 28 LP |

## Anlage 2b: Modellstudienplan Master Studiengang Petroleum Engineering

*Studienrichtung Drilling/Production* _AFB 21.07.2015_6. Änd. 16.01.2024

| 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 Hydrocarbons 5 LP | Energy Law I 2 LP | Health, Safety, Envir. Mgt 2 LP | |
| 4 | | Well Logging II 5 LP | Integrated Project Management 6 LP | |
| 5 | | | | |
| 6 | Rock Mechanics II 5 LP | | | |
| 7 | | Adv. Drilling & Prod. Topics 4 LP | Group Project 12 LP | |
| 8 | | | | |
| 9 | Advanced Production 5 LP | Directional Drilling 4 LP | | |
| 10 | | | | |
| 11 | | Enhanced Production 4 LP | | |
| 12 | Advanced Drilling Technology 5 LP | | | |
| 13 | | | | |
| 14 | | Completion & Workover 5 LP | Wahlpflichtmodul 3 LP | |
| 15 | Well Planning 5 LP | | | |
| 16 | | | | |
| 17 | | Advanced HC Conditioning & Processing I 3 LP | | |
| 18 | Wahlpflichtmodul 5 LP | | | |
| 19 | | Wahlpflichtmodul 4 LP | | |
| 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_6. Änd. 16.01.2024

<table>
<tr><th>SWS</th><th>1. Semester (WS)</th><th>2. Semester (SS)</th><th>3. Semester (WS)</th><th>4. Semester (SS)</th></tr>
<tr><td>1</td><td rowspan="2">Technical Writing<br>2 LP</td><td rowspan="2">Interpersonal Skills<br>3 LP</td><td rowspan="2">Planning & Budgeting<br>3 LP</td><td rowspan="15">Master Thesis + Presentation<br>28 LP</td></tr>
<tr><td>2</td></tr>
<tr><td>3</td><td rowspan="3">Thermodynamics & Phase Behavior of Hydrocarbons<br>5 LP</td><td>Energy Law I<br>2 LP</td><td rowspan="2">Geothermal Energy Production Systems<br>4 LP</td></tr>
<tr><td>4</td><td rowspan="3">Well Logging II<br>5 LP</td></tr>
<tr><td>5</td><td rowspan="2">Integrated Project Management<br>6 LP</td></tr>
<tr><td>6</td><td rowspan="3">Rock Mechanics II<br>5 LP</td></tr>
<tr><td>7</td><td rowspan="2">Adv. Geothermal Engineering Topics<br>4 LP</td></tr>
<tr><td>8</td><td rowspan="6">Group Project<br>12 LP</td></tr>
<tr><td>9</td><td rowspan="3">Advanced Production<br>5 LP</td><td rowspan="3">Applied Well Test Analysis<br>5 LP</td></tr>
<tr><td>10</td></tr>
<tr><td>11</td></tr>
<tr><td>12</td><td rowspan="3">Advanced Drilling Technology<br>5 LP</td><td rowspan="3">Completion & Workover<br>5 LP</td></tr>
<tr><td>13</td></tr>
<tr><td>14</td></tr>
<tr><td>15</td><td rowspan="3">Well Planning<br>5 LP</td><td rowspan="2">Enhanced Geothermal Systems<br>4 LP</td><td rowspan="2">Wahlpflichtmodul<br>3 LP</td></tr>
<tr><td>16</td></tr>
<tr><td>17</td><td rowspan="4">Wahlpflichtmodul<br>4 LP</td><td rowspan="5"></td><td rowspan="5"></td></tr>
<tr><td>18</td><td rowspan="3">Wahlpflichtmodul<br>5 LP</td></tr>
<tr><td>19</td></tr>
<tr><td>20</td><td rowspan="2"></td></tr>
<tr><td>21</td></tr>
<tr><td>∑ SWS</td><td>20</td><td>19</td><td>16</td><td></td></tr>
<tr><td>∑ LP</td><td>32</td><td>32</td><td>28</td><td>28</td></tr>
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