CONCEPT Year Schedule Master Earth Sciences 2017 - 2018

**Earth Surface Processes, Climate and Records**

**Year 1**

- **Week 36**: Modern Climate and Geo-ecosystems (6 ec) AM_1124, Sedimentary Environments and Climate Ar (6 ec) AM_450330
- **Week 37**: Earth Science electives (Article 4.4)
- **Week 38**: Earth Science electives (Article 4.4)
- **Week 39**: Earth Science electives (Article 4.4)
- **Week 40**: Earth Science electives (Article 4.4)
- **Week 41**: Earth Science electives (Article 4.4)
- **Week 42**: Earth Science electives (Article 4.4)
- **Week 43**: Earth Science electives (Article 4.4)
- **Week 44**: Earth Science electives (Article 4.4)
- **Week 45**: Earth Science electives (Article 4.4)
- **Week 46**: Earth Science electives (Article 4.4)
- **Week 47**: Earth Science electives (Article 4.4)
- **Week 48**: Earth Science electives (Article 4.4)
- **Week 49**: Earth Science electives (Article 4.4)
- **Week 50**: Earth Science electives (Article 4.4)
- **Week 51**: Earth Science electives (Article 4.4)
- **Week 52**: Earth Science electives (Article 4.4)

**Year 2**

- **Week 36**: Research Project ESPCaR (27 ec) AM_1149
- **Week 37**: Scotland Excursion (3 ec) AM_450354
- **Week 38**: Modern Climate and Geo-ecosystems (6 ec) AM_1124, Sedimentary Environments and Climate Ar (6 ec) AM_450330
- **Week 39**: Earth Science electives (Article 4.4)
- **Week 40**: Earth Science electives (Article 4.4)
- **Week 41**: Earth Science electives (Article 4.4)
- **Week 42**: Earth Science electives (Article 4.4)
- **Week 43**: Earth Science electives (Article 4.4)
- **Week 44**: Earth Science electives (Article 4.4)
- **Week 45**: Earth Science electives (Article 4.4)
- **Week 46**: Earth Science electives (Article 4.4)
- **Week 47**: Earth Science electives (Article 4.4)
- **Week 48**: Earth Science electives (Article 4.4)
- **Week 49**: Earth Science electives (Article 4.4)
- **Week 50**: Earth Science electives (Article 4.4)
- **Week 51**: Earth Science electives (Article 4.4)
- **Week 52**: Earth Science electives (Article 4.4)

**Geology and Geochemistry**

- **Year 1**
  - **Week 36**: Petroleum Systems and Regional Geology (3 ec) AM_450179
  - **Week 37**: Mantle Properties (6 ec) AM_1211
  - **Week 38**: Earth Science electives (Article 4.4)
  - **Week 39**: Earth Science electives (Article 4.4)
  - **Week 40**: Earth Science electives (Article 4.4)
  - **Week 41**: Earth Science electives (Article 4.4)
  - **Week 42**: Earth Science electives (Article 4.4)
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  - **Week 49**: Earth Science electives (Article 4.4)
  - **Week 50**: Earth Science electives (Article 4.4)
  - **Week 51**: Earth Science electives (Article 4.4)
  - **Week 52**: Earth Science electives (Article 4.4)
### Science Communication (Earth Sciences content 60 EC)

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<tr>
<td>1</td>
<td>Communication, Org. and Management</td>
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<td>Science Journalism</td>
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<td>2</td>
<td>Science in Dialogue</td>
<td>AM_470590</td>
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<tr>
<td>2</td>
<td>Elective courses (article 4.4 TER)</td>
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<tr>
<td>3</td>
<td>Research methods for analyzing problems</td>
<td>AM_1182</td>
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<td>3</td>
<td>Research Project from one of the specialisations (27 ec) AM_1149 or AM_1187</td>
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<tr>
<td>4</td>
<td>Planetary Science AM_450273</td>
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<td>Petroleum Science AM_450316</td>
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<td>Petrophysics and Reservoir Engineering (6 ec) AM_1212</td>
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<td>Advanced Tectonics (6 ec) AM_1173</td>
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<td>Advanced Geochronology (3 ec) AM_450171</td>
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<td>Advanced Inorganic Geochemistry (3 ec) AM_450172</td>
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<td>Reflection Seismic for Geologists (6 ec) AM_450170</td>
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<td>Igneous Processes and Reservoir Engineering (6 ec) AM_450189</td>
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<td>Magmatic Processes (6 ec) AM_450164</td>
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<td>Metamorphism and P-T Evolution (6 ec) AM_450176</td>
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<td>Diagenesis of Sedimentary Rocks (3 ec) AM_450169</td>
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<td>6</td>
<td>Capita Selecta Geology and Geochemistry (6 ec) AM_1174</td>
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### Track Earth Surface Processes, Climate and Records

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<tr>
<td>1</td>
<td>Modern Climate and Geo-ecosystems (6 ec) AM_1124</td>
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<td>Sedimentary Environments and Climate Ar. (6 ec) AM_450330</td>
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<td>Tectonic Geomorphology (6 ec) AM_450146</td>
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<td>High Resolution Archives (6 ec) AM_450331</td>
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<td>Practical: Paleoclimate Change (6 ec) AM_1144</td>
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<td>Global Biogeochemical Cycles (6 ec) AM_450332.4</td>
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### Track Geology and Geochemistry

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<tr>
<td>1</td>
<td>Petroleum Systems and Regional Geology (3 ec) AM_450179</td>
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<td>1</td>
<td>Mantle Properties (6 ec) AM_1211</td>
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<td>Tectonic Geomorphology (6 ec) AM_450146</td>
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<td>Sedimentary Basins (6 ec) AM_450154</td>
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<td>2</td>
<td>Orogenesis (6 ec) AM_450190</td>
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**Education (Earth Sciences content 60 EC)**

WEEK 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

**Track Earth Surface Processes, Climate and Records**
- Elective courses (article 4.4 TER)
- Science and Communication (6 ec) AM_470547
- Research Internship Science Comm. (30 ec) AM_1162 or Reflective Practice Int. SC. Comm. (30 ec) AM_1163

**Year 2**

- Petroleum Systems and Regional Geology (3 ec) AM_450179
- Mantle Properties (6 ec) AM_1211
- Praktijkonderzoek 1 (3 ec) O_MLPRAK_1
- Didactiek 1 (6 ec) O_MLDIDAC_1
- Didactiek 2 (6 ec) O_MLDIDAC_2
- Didactiek 3 (9 ec) O_MLDIDAC_3
- Praktijkonderzoek 1 (3 ec) O_MLPROZ_1
- Praktijkonderzoek 2 (9 ec) O_MLPRAK_2

**Track Geology and Geochimstry**
- Orogenesis (6 ec) AM_450190

**Week 1**
- Elective courses 9 EC (article 4.4 TER)
- Praktijkonderzoek 1 (3 ec) O_MLPRAK_1
- Praktijkonderzoek 2 (9 ec) O_MLPRAK_2
- Didactiek 1 (6 ec) O_MLDIDAC_1
- Didactiek 2 (6 ec) O_MLDIDAC_2
- Didactiek 3 (9 ec) O_MLDIDAC_3
- Praktijkj 1 (15 ec) O_MLPRAK_3

**Week 2**
- Research methods for analyzing problems (6 ec) AM_1182
- Petroleum Systems and Regional Geology (3 ec) AM_450179
- Mantle Properties (6 ec) AM_1211
- Tectonic Geomorphology (6 ec) AM_450146
- Sedimentary Basins (6 ec) AM_450154
- Orogenesis (6 ec) AM_450190

**Period 1**
- Period 1
- Period 2
- Period 3
- Period 4
- Period 5
- Period 6

**Period 2**
- Period 1
- Period 2
- Period 3
- Period 4
- Period 5
- Period 6

*It is also possible to start in February.*