

**6.40.54E Study programme-specific admission regulations (SZZB) for
the consecutive Master's programme Petroleum Engineering
at the Clausthal University of Technology,
Faculty of Energy and Economics
dated 17 January 2017**

*According to § 9 General Admission Regulations for all consecutive and continuing education Master's Programmes at the Clausthal University of Technology (AZO-M)
(Mitt. TUC 2019 page 83)*

1) Determination of the procedure (for §1 section 2 sentence 3 AZO-M)

For the above-mentioned Master's programme, an admissions procedure will be carried out in accordance with § 3 section 1 AZO-M.

2) Start of studies (§ 2 section 1 AZO-M)

The programme starts exclusively in the winter semester. The application deadlines are:

- For residents of Germany: October 1 of each year
- For foreign students: July 15 of each year
- Foreign students are strongly recommended to apply by the deadline of 15.05. to ensure that a visa is issued in time

3) Determination of the minimum language requirements - Master's degree (see § 3, section 2, sentence 2 and sections 5 & 6 AZO-M)

The following enrolment requirements apply to the above-mentioned Master's programme:

- a) Evidence of the right to be examined in the relevant course of study
- b) For the above-mentioned English-language Master's programme, the language level
 - IELTS with 6.5 points or
 - TOEFL IBT with 79 points or
 - TOEIC 4 skills with 1050 pointsmust be proven.

4) Determination of the minimum professional requirements - Master's (see § 3 section 1 sentence 3 AZO-M)

The following minimum requirements apply to the above-mentioned Master's programme:

Prerequisite for the previous course of study suitable for the subject is proof of the following achievements:

- a) At least 50 CP in basics of engineering, including
 - aa) at least 32 CP in the fields of mathematics, physics, chemistry and electrical engineering
 - ab) at least 18 CP in the fields of mechanics, machine theory and technical drawing
- b) At least 32 CP, in the field of petroleum engineering and geoscientific fundamentals of oil and gas production, including
 - ba) at least 25 CP in the fields of oil and gas exploration and production, deep drilling and oil and gas production
 - bb) at least 7 CP in the field of earth sciences

The determination of the previous course of study suitable for the subject in question shall be made on basis of the documents to be submitted together with the application and, in this respect, on the basis of suitable criteria, in particular on basis of module descriptions explaining the teaching and examination contents and the literature used as well as the module requirements, the examination and study regulations and the study plans of the course of study in which the performance was achieved.

5) Requirements (§ 5 section 1 AZO-M)

The technical requirements shall not exceed a maximum of 30 CP. Only examinations which are actually offered can be imposed as requirements. Courses without an independent examination possibility (offering only a module examination) are not permitted.

Possible requirements from the technical modules of the Bachelor's programme in Energy and Raw Materials, field of study "Petroleum Engineering":

Reservoir Engineering:

W 6155 Reservoir Engineering I (4 CP)

W 6157 Reservoir Engineering I (7 CP)

Drilling Engineering:

S 6141 Basics of Drilling Engineering (4 CP)

W 6143 Drilling and Workover Systems and Equipment (3 CP)

Oil and Gas Production Technology:

W 6146 Oil and Gas Production Systems (3 CP)

W 6163 Oil and Gas Production (4 CP)

Only examinations which are actually offered can be imposed as requirements. Courses without an independent examination possibility (offering only a module examination) are not permitted.

6) Quality assurance

Due to the international orientation of the master's programme in Petroleum Engineering, this master's programme at Clausthal University of Technology is subject to quality assurance via an international standard accreditation. The minimum requirements for the quality of education in the preceding Bachelor's programme of foreign students are fulfilled if the accreditation of the Bachelor's programme of the study candidate is proven according to internationally customary criteria.

7) Entry into force

These study-specific admission regulations come into force on the day after their announcement in the official gazette of Clausthal University of Technology.