

# **SHIFT Study Sprint Renewable Energy Systems**

## **Status: 17.12.2024**

### **1. Objectives**

The SHIFT Study Sprint Renewable Energy Systems (SHIFT Study Sprint RES) prepares prospective international students for the Renewable Energy Systems Master's degree program and supports them with onboarding and integration at Technische Hochschule Ingolstadt (THI) and in Ingolstadt.

### **2. Language**

The SHIFT Study Sprint RES will be held in English.

### **3. Participation requirements**

- (1) Prerequisites for participation in the SHIFT Study Sprint RES are
  - a) Proof of successful completion of a Bachelor's degree in engineering or natural sciences with at least 210 ECTS credits or equivalent or an equivalent successful degree,
  - b) proof of sufficient knowledge of the English language (language level B2 of the Common European Framework of Reference for Languages) and
  - c) a successfully completed selection procedure in accordance with No. 5.
- (2) For degrees without credit points, the proven hours (workload) are converted into credit points, whereby one credit point corresponds to 25 hours. If no time hours are proven, 30 ECTS are recognized per theoretical semester. Practical semesters are recognized with a further 30 ECTS credits, provided that they correspond in type and scope to the practical semester at the Technische Hochschule Ingolstadt.
- (3) Proof in accordance with para. 1 sentence 1 must be provided on the day of application at the latest. If the proof according to para. 1 sentence 1 lit. a) is not provided by the end of the application period, a corresponding confirmation from the university must be provided by then, which credibly confirms the fulfillment of the requirement according to para. 1 sentence 1 lit. a) by the end of the application period; the obligation according to sentence 1 remains in force.
- (4) Applicants who can prove that they have completed a university degree or an equivalent degree for which fewer than 210 but at least 180 ECTS credits have been awarded may, with the approval of the International Welcome Center (IWC), participate in the SHIFT Study Sprint RES if proof of the missing competencies is provided with the application for registration. The missing competences according to sentence 1 are proof of compensation of the competence gap of up to 30 ECTS credit points in addition to the prerequisite to be proven in paragraph 1 sentence 1 lit. a) at least at Bachelor's level. The missing competencies must be demonstrated by the end of the application period at the latest and can be demonstrated as follows:
  - a) by providing proof of practical professional experience outside the course of study, which corresponds in terms of content and scope to the practical semester of a Bachelor's degree course in Energy Technology and Renewable Energies or an equivalent Bachelor's degree course, e.g. at

Ingolstadt University of Applied Sciences, provided that the degree submitted shows deficits in the area of the practical skills to be demonstrated compared to the participation requirement according to para. 1 sentence 1 lit. a), or

- b) by providing proof of practical or theoretical study and examination achievements in addition to the first degree at a domestic or foreign university, which correspond in terms of content and scope to the requirements of a Bachelor's degree program in Energy Technology and Renewable Energies or an equivalent other Bachelor's degree program, e.g. at the Ingolstadt University of Applied Sciences, provided that the degree submitted shows deficits in the area of the theoretical or practical skills to be proven compared to the qualification requirement according to paragraph 1 sentence 1 lit. a).

#### **4. Application**

Applications are submitted during the application period via an application form.

#### **5. Selection procedure**

- (1) A maximum of 25 places are available for the SHIFT Study Sprint RES; places will be allocated on the basis of a selection procedure.
- (2) The prerequisite for participation in the selection procedure is an application in due form and time and proof of the qualification requirements according to No. 3.
- (3) A committee consisting of up to three people from the International Office/International Welcome Center and a full-time professor from the Master's degree program Renewable Energy Systems will be appointed to carry out the selection procedure.

- (4) The criteria for passing the selection procedure are:

- a) 60 % Grade of the first degree and
- b) 40 % Assessment of specific aptitude and experience in the competence field of energy technology, which is measured on the basis of work experience in the field of energy technology or fields related to energy technology (max. 20 points); internships and theses in the field of energy technology are also assessed as work experience.

The assessment of specific aptitude and experience in the competence field of energy technology is carried out on the following basis:

- 20 points: Grade 1.0
- 19-18 points: Grade 1.3
- 17-16 points: Grade 1.7
- 15 -14 points: Grade 2.0
- 13-12 points: Grade 2.3
- 11-10 points: Grade 2.7
- 9-8 points: Grade 3.0
- 7-6 points: 3,5
- 5-4 points: 4,0
- 3-2 points: 4,3
- 1 point: 4.5
- 0 points: 5.0

The overall grade is determined from the grade of the first degree and the assessment of specific aptitude and experience in accordance with a) and b). An overall grade of at least 2.5 must be achieved in the selection procedure. A ranking list is drawn up on the basis of the overall grade. The respective capacity of the program determines the number of participants admitted per year. The places available each year are allocated according to the order of the ranking list.

- (5) If the applicant is not accepted as a participant or does not register in the following registration period after passing the selection procedure, the application is possible for further dates, at the earliest the next year's date; the applicant must participate in the selection procedure again.

## **6. Duration and dates**

- (1) The SHIFT Study Sprint RES lasts one semester. The SHIFT Study Sprint RES is offered in the summer semester.
- (2) The SHIFT Study Sprint RES cannot be repeated. SHIFT participants are not automatically transferred to the Master RES; a separate application must be submitted.

## **7. Application procedure**

After successfully completing the selection process, the prospective participant registers by completing an online registration application during the registration period. The prospective participant must present a valid official photo ID.

## **8. Course overview and compulsory attendance**

- (1) The IWC prepares a course overview (attachment) in which the SHIFT Study Sprint RES training courses to be completed are shown.
- (2) Attendance is compulsory for the courses, unless otherwise specified in the course overview.

## **9. Certificate of attendance**

- (1) The SHIFT Study Sprint RES is successfully completed if the participant has successfully attended the courses to be completed in the course overview; this is the case if the participant has regularly attended all mandatory courses according to the course overview. The participant may not miss more than 25 percent of the respective course in order to provide proof of attendance.
- (2) Participants who successfully complete the SHIFT Study Sprint RES will receive a certificate of participation.