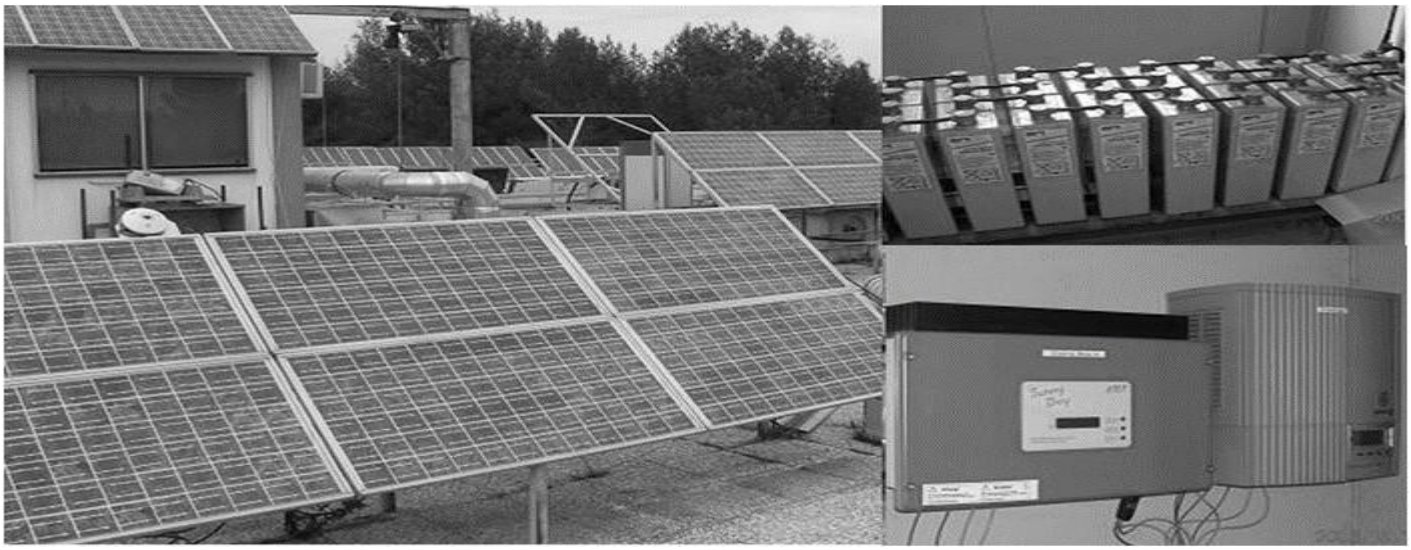
Branch :Engineering of Production Systems



Code: ENPRTE
Option: Energy and process technology
Level: Master
Prerequisites:
Opportunities:
As a graduate, career opportunities are available in the power plant industry and its suppliers, in the chemical and petrochemical industry and in the oil and gas processing industry. Further opportunities are available in the plant construction and engineering sectors.
In addition, there are interesting career opportunities in the following areas: At universities and research institutes, with government agencies, in the service sector.
Have you developed a business idea during your studies and would you like to start a company? We will also support you in this process!

Description:
Energy for the third millennium! Do you want to help shape the energy supply of the future? Then study in a course that is unique in Germany! Find out how to store surplus electricity efficiently and how to optimize current process engineering processes.
What is this course about?
The Master's program aims to train experts who are able to manage complex combinations of power engineering systems, power engineering machines and

devices and process engineering processes. Graduates of the study program should also acquire methodological knowledge in several of the above areas. Solving power engineering problems requires the comprehensive expertise of individuals, but also the cooperation of several experts. Process technology, as it is to be dealt with in the Master's program, also requires specialized and methodological knowledge not only of individual processes, but also of different processes and their possible applications and effects.

Quality and competences:

Graduates of the application- and research-oriented Master's program in Energy and Process Engineering are able to apply engineering skills and methods in the fields of conventional and regenerative energy technology, engine technology, turbo machinery as well as process and plant engineering, thermal process engineering, chemical process engineering and bioprocess engineering and to analyze more complex problems. For example, you will

You know the process-specific boundary conditions, can independently deduce the energy and process technology requirements and thus define decisive development goals,

You have gained a comprehensive understanding of the system and can thus analyze and evaluate the effects of parameter and process variations on the overall process.