

Application for Admission to the Certificates »Solar Energy Engineering«

Application Procedure

By submitting this form you apply to the certificate program »Solar Energy Engineering«. With this application you provide all necessary information and documents to check your formal eligibility to the program.

1. Complete the application form

Please thoroughly complete each field of the form that applies to you.

Incomplete forms will not be accepted.

2. Send the full application digitally per email

Please send the completed application form and all the required documents listed below as PDF files to: application@studysolar.uni-freiburg.de

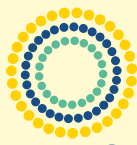
List of documents to provide via email in PDF Format:

Completed application form (*filled out with your keyboard, no handwriting accepted!*)

Up-to-date CV in English

Diplomas and degrees (*in English*)

Transcript of courses with grades (*in English*)



Application for Admission to the Certificates »Solar Energy Engineering«

Choice of Certificates -Winter Semester

To apply for one or more modules please use the following list. Choose the certificate(s) you want to apply for. You can either choose a full Certificate of Advanced Studies (CAS) or a single certificate.

Certificates offered in the Winter Semester (Course start mid. October):

CAS Solar Energy and Global Energy Needs (11 ECTS)

Certificate: 1101 Solar Radiation and Solar Thermal Energy (2 ECTS)

Certificate: 1102 Introduction to Solar Cells (2 ECTS)

Certificate: 1103 Seminar on Technologies for Renewable Energy Conversion (2 ECTS)

Certificate: 2101 The Global Energy Needs in a Nutshell (5 ECTS)

CAS Solar Cells and PV Systems (12 ECTS)

Certificate: 2201 Photovoltaic Systems (6 ECTS)

Certificate: 2301 Physics of Solar Cells (6 ECTS)

CAS 3 Solar Thermal Energy Technology (15 ECTS)

Certificate: 3101 Fundamentals of Solar Thermal Collectors (6 ECTS)

Certificate: 3102 Solar Thermal Systems Engineering (6 ECTS)

Certificate: 3103 Solar Energy Applications (3 ECTS)

CAS 4 Advanced Solar Cell Technologies (15 ECTS)

Certificate: 4101 Characterisation of Solar Cells (4 ECTS)

Certificate: 4102 Advanced Solar Cell Processing (1 ECTS)

Certificate: 4201 New Cell Concepts for Photovoltaic Energy Conversion (3 ECTS)

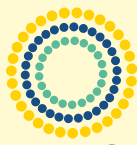
Certificate: 4202 III-V Solar Cells and Concentrator Systems (3 ECTS)

Certificate: 4301 Thin-Film Photovoltaics (4 ECTS)

Other Certificates:

Certificate: 1201 Physics for Solar Engineers (6 ECTS)

Certificate: 1301 Parameter Estimation (3 ECTS)



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Choice of Certificates -Summer Semester

To apply for one or more modules please use the following list. Choose the certificate(s) you want to apply for. You can either choose a full Certificate of Advanced Studies (CAS) or a single certificate.

Certificates offered in the Summer Semester (Course start mid. April):

CAS Crystalline Silicon Photovoltaics (12 ECTS)

- Certificate: 2401 Feedstock and Crystallisation (2 ECTS)
- Certificate: 2402 Silicon Solar Cells- Structure and Analysis (2 ECTS)
- Certificate: 2403 Solar Cell Production Technology (2 ECTS)
- Certificate: 2501 Silicon Module – Technology and Reliability (2 ECTS)
- Certificate: 2502 Solar Modules: An Overview (2 ECTS)
- Certificate: 2503 Agrivoltaics (2 ECTS)

CAS 5 Solar Energy Integration into the Power Grid (15 ECTS)

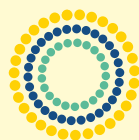
- Certificate: 5101 Solar Energy Integration and Economics (6 ECTS)
- Certificate: 5102 Grid Integration and Control (6 ECTS)
- Certificate: 5201 Smart Grid and ICT (3 ECTS)

CAS 6 Photovoltaic Power Plants (15 ECTS)

- Certificate: 6101 Project Development (6 ECTS)
- Certificate: 6102 Engineering, Procurement, and Commissioning (6 ECTS)
- Certificate: 6103 Operation and Maintenance (3 ECTS)

Other Certificates

- Certificate: 1401 Electrical Engineering for Solar Engineers (3 ECTS)
- Certificate: 1501 Semiconductor Physics and Technology (4 ECTS)
- Certificate: 1502 Seminar: Selected Semiconductor Devices (2 ECTS)
- Certificate: 1601 Off-grid Solar Electricity (4 ECTS)
- Certificate: 1602 Introduction to Power Grids (2 ECTS)
- Certificate: 2601 Energy Storage (3 ECTS)



Application for Admission to the Certificates »Solar Energy Engineering«

Personal Information

Applicant Personal Data

Email Address

Phone Number

Full Name as indicated in your Passport *

First Name (Given Name)

Last Name (Surname)

* Please include your full legal name: First Name (Given Name), Last Name (Surname). This is how your name will appear on your transcript, diploma and all other university documents.

Gender

Female

Male

Other

Citizenship (list every country of citizenship, separated by comma)

Date of Birth

Day

Month

Year

Place of Birth

City

State / Province / Region

Country

Legal Permanent Address

Street

Street (additional field)

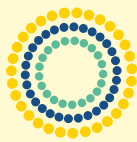
City

State / Province / Region

ZIP / Postal Code

Country

All correspondence by Mail will be done using this address. It is your responsibility to notify us if your address changes. Please notify us if you prefer a different billing address (for example your employer).



Application for Admission to the Certificates »Solar Energy Engineering« Education

Highest degree in the field of Natural Science, Engineering, Math or related:

Bachelor degree: B.Tech. B.Eng. B.Sc. other (please specify)

Master degree: M.Tech. M.Eng. M.Sc. other (please specify)

Doctoral degree: please specify

Major (Name of the degree which you have specified above)

From (institution)

State/Province/Region

Country

Study period - Start Date (dd/mm/yyyy)

Study period - End Date (dd/mm/yyyy)

Grade Point Average (GPA) or Final Grade

Grade in %

Additional Institutions/Degrees

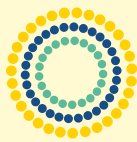
If you have studied at more than one undergraduate institution or hold any other advanced (graduate) degree(s), please list your degrees, the according university and the date(s) of study:

Degree

University

Graduation (Year)

Comments (further details or information about your education)



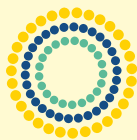
Application for Admission to the Certificates »Solar Energy Engineering« Professional Experience

The certificate program »Solar Energy Engineering« is part of the continuing education offer of the University of Freiburg. The program is targeted at working professionals who want to study part-time, next to their job. Usually a minimum of 1 year of work experience is recommended. Applicants with subject-relevant work experience will be prioritized for the admission.

Please list your professional experience below (from most recent to older ones):

Organization/Company		Country of employment	
Task Area	Department	From (year)	Until (year)
Organization/Company		Country of employment	
Task Area	Department	From (year)	Until (year)
Organization/Company		Country of employment	
Task Area	Department	From (year)	Until (year)
Organization/Company		Country of employment	
Task Area	Department	From (year)	Until (year)

Comments (further details or information about your work - e.g. how it relates to solar energy)



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Additional Information and Data Protection

Use of the collected data

We process this data for administrative purposes only. We are storing this data in our system, and we will not share it with anyone else.

We would like to keep this data until the end of the year of your application. When that period is over, we will delete your data.

[This is a link to our privacy policy.](#) In this policy, you will find information about our compliance with GDPR (data protection law.) You can find how to send us a request to let you access your data that we have collected, request us to delete your data, correct any inaccuracies or restrict our processing of your data.

You have the right to lodge a complaint about the way we handle your data. The responsible regulating authority is [Baden-Württemberg's state commissioner for data protection and freedom of information](#) (Landesbeauftragte für den Datenschutz und die Informationsfreiheit) or you can contact our data protection representative at datenschutzbeauftragter@uni-freiburg.de for more information or concerns.

Where did you first come across the program?

Advertisement

E-News

Fair or Conference

News article

SEE Alumni / Student

Personal Connection

Campus Visit

Professor

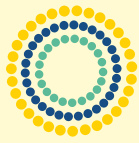
Social Media

Website

Brochure

Other, please specify:

Do you have any other comments (about the application process, the way you found this program or further information about you)? Is there anything else you want us to know?



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Confirmation of the application

Please tick to confirm that you have understood the following important information:

Concerning the format of the study program:

Exams: Each course ends with an exam. Each exam can be repeated once. If an exam is failed for the second time the certificate will be failed. Registrations for the exams are binding.

Concerning the preconditions applicants have to fulfill:

Financial Means: I am aware of the fees for the certificate program »Solar Energy Engineering« and I confirm that I have access to the required amount of money. The costs are in detail:

- Course fees: 250 € / ECTS (for example for a 10 ECTS certificate - the fees are 2500 €)
- Payments are due before the start of the respective courses

Language Proficiency: The study language is English. Hereby I confirm that I have a level of English that corresponds to level B2 (or higher) of the European Framework of Reference for Languages.

Technical Equipment: The University of Freiburg can grant only limited technical support. It is my own responsibility to set up and maintain a suitable computer with internet connection that is operating. Additional hardware requirements are a headset - including a microphone - and a webcam.

Concerning the provided material and the online resources:

Learning Material: The provided learning material is intended to be for me as a student. It may not be reproduced, distributed, shared or published without permission of the M.Sc. Solar Energy Engineering.

Online Resources: I will not share my passwords and login data with others.

I affirm with my signature that the information I have given is correct.

Place, date

Signature