iu INTERNATIONAL
UNIVERSITY OF
APPLIED SCIENCES

B.ENG. ROBOTICS

Individual application for recognition/
Crediting of previous achievements for the study programme

Do you have any work experience for which there is no general recognition option, or have you already studied at another university? Then use our "Individual Application for the Recognition of Previous Achievements".

Please read our guidelines in advance. Here you will find important information on how to fill out the application and on the transfer process of previous achievements.

We will be happy to check in advance whether and to what extent we can recognize your achievements. You do not have to enroll straight away!

We only need simple (i.e. not certified) copies of your relevant certificates.

- First you fill in the field with your personal data.
- **On page 3** you will find an overview of all modules and courses in your programme. Please check whether you can document relevant previous experience based on our curriculum. Now select the modules/courses for which you would like to receive credit and enter the relevant information.
- <u>**Important:**</u> Compare your previous academic achievements or verifiable professional experience with the content of the individual modules. You can find the module descriptions in the "Module Handbook".

Example: In this excerpt you can see how you should fill in the table (examples in **bold**):

Module	Course-Code	Course-Name	ECTS-CP	Type of achievement (e.g.university course, professional experience etc.)	Institution	ECTS-CP/ Workload	Recognized/credited ECTS-CP	Reason für denial
Leadership 4.0	DLBWPLS01-E	Leadership 4.0	5	**Seminar, SS 2009**	**Sample university**	**5 ECTS/ 5 SWS**	To be filled in by our university	To be filled in by our university
Computer Training	BCTR01-01	Computer Training	5	**Activity as a customer advisor**	**Sample company**	**2015-2018 40h/ Week**	To be filled in by our university	To be filled in by our university

- Finally, you submit your application including the necessary documents (see checklist): **Done!**

Our tip: To help us process your application even faster, it is helpful if you name your documents by Content_FirstName_LastName. **For example:**

Certificate_Max_Sample

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WHAT COMES NEXT

1. We will confirm the receipt of your application and request further documents if needed.
2. We will send you a message as soon as we have forwarded your processed request to the examination board for final approval.
3. You will get the result of your recognition.
4. We will forward the result of the recognition to the examination office so that your recognized achievements are recorded in your performance overview in myCampus. However, this will only happen after your official enrollment.
5. If the recognition has led to a cost reduction, you will receive an additional agreement, valid from your official enrollment date, which will be sent to you before you start your payments.

In the event that the start of your studies overlaps with the review of your application for recognition Please do not enroll in any of the courses for which you have applied for recognition when you start your studies. We can only register your recognized courses after the recognition process has been completed and after your enrollment.

Your advantage: You are not bound to a fixed schedule when choosing courses, you are completely flexible.

In case of new study programmes, the new modules are only available at the beginning of the respective semester (see study schedule full-time model in the download area of the website).

Note: Once you have registered for recognition of prior learning, you will no longer be able to take an exam in this course If you have registered for an examination for a module that is also being reviewed for recognition, your application for recognition for this module is invalid according to § 7 (1) of the IU International University of Applied Sciences general Examination Regulations.

INDIVIDUAL APPLICATION FOR THE STUDY PROGRAMME B.ENG. ROBOTICS (BAROE)

Personal data	
☐ 1. Application for recognition	☐ _____ Follow-up application for recognition
Title[1]	
First name[1]	Last name[1]
Street[1]	
Postal Code[1]	City[1]
Phone[1]	E-Mail[1]
Matriculation number (alternatively: date of birth) [1]	

[1] Required fields

FUNDAMENTAL AREA

Module	Course Code	Course name	ECTS-CP	Type of achievement (e.g.university course, professional experience etc.)	Institution	ECTS-CP/Workload	Recognized/credited ECTS-CP[1]	Reason for denial[2]
Introduction to Robotics	DLBROIR01_E	Introduction to Robotics	5					
Introduction to Academic Work	DLBCSIAW01	Introduction to Academic Work	5					
Mathematics II	DLBCSM201	Mathematics II	5					
Scientific and technical fundamentals	DLBINGNAG01_E	Scientific and technical fundamentals	5					
Mathematics: Linear Algebra	DLBDSMFLA01	Mathematics: Linear Algebra	5					
Technical Drawing	DLBROTD01_E	Technical Drawing	5					
Production Engineering	DLBDSEAR01	Production Engineering	5					
Introduction to Programming with Python	DLBDSIPWP01	Introduction to Programming with Python	5					
Mathematics: Analysis	DLBDSMFC01	Mathematics: Analysis	5					
Mechanics - Statics	DLBROMS01_E	Mechanics – Statics	5					
Electrical Engineering	DLBINGET01-01_E	Electrical Engineering	5					

1 ECTS-CP = 30 hours
[1] to be filled in by the examination board
[2] Processing note in case of rejection: 1 Scope of work not sufficient; 2 Significant differences in content/ requirement level have been identified; 3 Certification not sufficient ; 4 Submit certificate with language level according to European reference framework; 5 Other

5.0

Module	Course Code	Course name	ECTS-CP	Type of achievement (e.g.university course, professional experience etc.)	Institution	ECTS-CP/Workload	Recognized/credited ECTS-CP[1]	Reason for denial[2]
Project: Design with CAD	DLBROPDCAD01_E	Project: Design with CAD	5					
Sensor Technology	DLBROST01_E	Sensor Technology	5					
Signals and Systems	DLBROSS01_E	Signals and Systems	5					
Mechanics - Kinematics	DLBROMK01_E	Mechanics - Kinematics	5					
Mechanics - Dynamics	DLBROMD01_E	Mechanics - Dynamics	5					
Collaborative Work	DLBCSCW01	Collaborative Work	5					
Programming with C/C++	DLBROEPRS01_E	Programming with C/C++	5					
Mechatronic Systems	DLBROMSY01_E	Mechatronic Systems	5					
Control Systems Engineering	DLBROCSE01_E	Control Systems Engineering	5					
Project: Modeling and Simulation of Robots	DLBROPMSR01_E	Project: Modeling and Simulation of Robots	5					
Project: Introduction to Robot Control	DLBROPIRC01_E	Project: Introduction to Robot Control	5					
Embedded Systems	DLBROES01_E	Embedded Systems	5					

1 ECTS-CP = 30 hours

[1] to be filled in by the examination board

[2] Processing note in case of rejection: 1 Scope of work not sufficient; 2 Significant differences in content/ requirement level have been identified; 3 Certification not sufficient ; 4 Submit certificate with language level according to European reference framework; 5 Other

Module	Course Code	Course name	ECTS-CP	Type of achievement (e.g.university course, professional experience etc.)	Institution	ECTS-CP/Workload	Recognized/credited ECTS-CP[1]	Reason for denial[2]
Project: Robotics	DLBROPR01_E	Project: Robotics	5					
Seminar: Human-Robot Interaction	DLBROSHRI01_E	Seminar: Human-Robot Interaction	5					
Project: Applied Robotics with Robotic Platforms	DLBROPARRP01_E	Project: Applied Robotics with Robotic Platforms	5					
Seminar: Robots and Society	DLBROSRS01_E	Seminar: Robots and Society	5					
Safety of Industrial Plants and Machines	DLBROSIPM01_E	Safety of Industrial Plants and Machines	5					

1 ECTS-CP = 30 hours
[1] to be filled in by the examination board
[2] Processing note in case of rejection: 1 Scope of work not sufficient; 2 Significant differences in content/ requirement level have been identified; 3 Certification not sufficient ; 4 Submit certificate with language level according to European reference framework; 5 Other

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ELECTIVE A[3]

Module	Course Code	Course name	ECTS-CP	Type of achievement (e.g.university course, professional experience etc.)	Institution	ECTS-CP/Workload	Recognized/credited ECTS-CP[1]	Reason for denial[2]
Industrial Robotics and Automation	DLBROEIRA01_E	Handling Technology	5					
	DLBROEIRA02_E	Automation Technology	5					
Service Robotics	DLBROESR01_E	Mobile Robotics	5					
	DLBROESR02_E	Soft Robotics	5					
Introduction to Cognitive Robotics	DLBROEICR01_E	Digital Signal Processing	5					
	DLBROEICR02_E	Fundamentals of NLP and Computer Vision	5					

1 ECTS-CP = 30 hours
[1] to be filled in by the examination board
[2] Processing note in case of rejection: 1 Scope of work not sufficient; 2 Significant differences in content/ requirement level have been identified; 3 Certification not sufficient ; 4 Submit certificate with language level according to European reference framework; 5 Other

[3] Please choose one 10 ECTS course per elective area. Each course can only be chosen once.

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ELECTIVE B³

Module	Course Code	Course name	ECTS-CP	Type of achievement (e.g.university course, professional experience etc.)	Institution	ECTS-CP/Workload	Recognized/credited ECTS-CP¹	Reason for denial²
Industrial Robotics and Automation	DLBROEIRA01_E	Handling Technology	5					
	DLBROEIRA02_E	Automation Technology	5					
Service Robotics	DLBROESR01_E	Mobile Robotics	5					
	DLBROESR02_E	Soft Robotics	5					
Introduction to Cognitive Robotics	DLBROEICR01_E	Digital Signal Processing	5					
	DLBROEICR02_E	Fundamentals of NLP and Computer Vision	5					
AI Specialist	DLBDSEAIS01	Artificial Intelligence	5					
	DLBDSEAIS02	Project: Artificial Intelligence	5					
Autonomous Driving	DLBDSEAD01	Self-Driving Vehicles	5					
	DLBDSEAD02	Seminar: Current Topics and Trends in Self-Driving Technology	5					

1 ECTS-CP = 30 hours
¹ to be filled in by the examination board
² Processing note in case of rejection: 1 Scope of work not sufficient; 2 Significant differences in content/ requirement level have been identified; 3 Certification not sufficient ; 4 Submit certificate with language level according to European reference framework; 5 Other

³ Please choose one 10 ECTS course per elective area. Each course can only be chosen once.

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Module	Course Code	Course name	ECTS-CP	Type of achievement (e.g.university course, professional experience etc.)	Institution	ECTS-CP/Workload	Recognized/credited ECTS-CP[1]	Reason for denial[2]
Data Science and Deep Learning	DLBINGDABD01_E	Data Analytics and Big Data	5					
	DLBDBDL01_E	Deep Learning	5					
Python for Software Engineering	DLBDSOOFPP01	Object Oriented and Functional Programming with Python	5					
	DLBDSDSSE01	Data Science Software Engineering	5					
IT Security	DLBCSIDPITS01	Introduction to Data Protection and IT Security	5					
	DLBCSCT01	Cryptography	5					
Mobile Software Engineering	IWMB01_E	Mobile Software Engineering	5					
	IWMB02_E	Project: Mobile Software Engineering	5					
Foreign Language Italian	DLFSWI01_E	Certificate Course Italian	5					
	DLFSI01_E	Foreign Language Italian	5					

1 ECTS-CP = 30 hours
[1] to be filled in by the examination board
[2] Processing note in case of rejection: 1 Scope of work not sufficient; 2 Significant differences in content/ requirement level have been identified; 3 Certification not sufficient ; 4 Submit certificate with language level according to European reference framework; 5 Other

[3] Please choose one 10 ECTS course per elective area. Each course can only be chosen once.

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Module	Course Code	Course name	ECTS-CP	Type of achievement (e.g.university course, professional experience etc.)	Institution	ECTS-CP/Workload	Recognized/credited ECTS-CP[1]	Reason for denial[2]
Foreign Language French	DLFSWF01_E	Certificate Course French	5					
	DLFSF01_E	Foreign Language French	5					
Foreign Language Spanish	DLFSWS01_E	Certificate Course Spanish	5					
	DLFSS01_E	Foreign Language Spanish	5					
Foreign Language German	DLFSWG01	Certificate Course German	5					
	DLFSG01	Foreign Language German	5					

1 ECTS-CP = 30 hours
[1] to be filled in by the examination board
[2] Processing note in case of rejection: 1 Scope of work not sufficient; 2 Significant differences in content/ requirement level have been identified; 3 Certification not sufficient ; 4 Submit certificate with language level according to European reference framework; 5 Other

[3] Please choose one 10 ECTS course per elective area. Each course can only be chosen once.

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ELECTIVE C³

Module	Course Code	Course name	ECTS-CP	Type of achievement (e.g.university course, professional experience etc.)	Institution	ECTS-CP/Workload	Recognized/credited ECTS-CP¹	Reason for denial²
Industrial Robotics and Automation	DLBROEIRA01_E	Handling Technology	5					
	DLBROEIRA02_E	Automation Technology	5					
Service Robotics	DLBROESR01_E	Mobile Robotics	5					
	DLBROESR02_E	Soft Robotics	5					
Introduction to Cognitive Robotics	DLBROEICR01_E	Digital Signal Processing	5					
	DLBROEICR02_E	Fundamentals of NLP and Computer Vision	5					
AI Specialist	DLBDSEAIS01	Artificial Intelligence	5					
	DLBDSEAIS02	Project: Artificial Intelligence	5					
Autonomous Driving	DLBDSEAD01	Self-Driving Vehicles	5					
	DLBDSEAD02	Seminar: Current Topics and Trends in Self-Driving Technology	5					

1 ECTS-CP = 30 hours
¹ to be filled in by the examination board
² Processing note in case of rejection: 1 Scope of work not sufficient; 2 Significant differences in content/ requirement level have been identified; 3 Certification not sufficient ; 4 Submit certificate with language level according to European reference framework; 5 Other

³ Please choose one 10 ECTS course per elective area. Each course can only be chosen once.

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Module	Course Code	Course name	ECTS-CP	Type of achievement (e.g.university course, professional experience etc.)	Institution	ECTS-CP/Workload	Recognized/credited ECTS-CP[1]	Reason for denial[2]
Data Science and Deep Learning	DLBINGDABD01_E	Data Analytics and Big Data	5					
	DLBDBDL01_E	Deep Learning	5					
Python for Software Engineering	DLBDSOOFPP01	Object Oriented and Functional Programming with Python	5					
	DLBDSDSSE01	Data Science Software Engineering	5					
IT Security	DLBCSIDPITS01	Introduction to Data Protection and IT Security	5					
	DLBCSCT01	Cryptography	5					
Mobile Software Engineering	IWMB01_E	Mobile Software Engineering	5					
	IWMB02_E	Project: Mobile Software Engineering	5					
Foreign Language Italian	DLFSWI01_E	Certificate Course Italian	5					
	DLFSI01_E	Foreign Language Italian	5					
Foreign Language French	DLFSWF01_E	Certificate Course French	5					
	DLFSF01_E	Foreign Language French	5					

1 ECTS-CP = 30 hours

[1] to be filled in by the examination board

[2] Processing note in case of rejection: 1 Scope of work not sufficient; 2 Significant differences in content/ requirement level have been identified; 3 Certification not sufficient ; 4 Submit certificate with language level according to European reference framework; 5 Other

[3] Please choose one 10 ECTS course per elective area. Each course can only be chosen once.

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Module	Course Code	Course name	ECTS-CP	Type of achievement (e.g.university course, professional experience etc.)	Institution	ECTS-CP/Workload	Recognized/credited ECTS-CP[1]	Reason for denial[2]
Foreign Language Spanish	DLFSWS01_E	Certificate Course Spanish	5					
	DLFSS01_E	Foreign Language Spanish	5					
Foreign Language German	DLFSWG01	Certificate Course German	5					
	DLFSG01	Foreign Language German	5					

EVALUATION

Area	Recognized/credited ECTS-CP [1]	Total recognized/credited ECTS-CP
Fundamental Area		
Elective area		

[1] To be filled in by the examination board only
    1 ECTS-CP = 30 hours
  [1] to be filled in by the examination board
  [2] Processing note in case of rejection: 1 Scope of work not sufficient; 2 Significant differences in content/ requirement level have been identified; 3 Certification not sufficient ; 4 Submit certificate with language level according to European reference framework; 5 Other

[3] Please choose one 10 ECTS course per elective area. Each course can only be chosen once.

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Your checklist: Everything done?

We need these documents to check your recognition:

Please send us simple copies, as we cannot return your documents to you.

We will be happy to review your application even without certified copies.*

RECOGNITION OF ACHIEVEMENTS FROM A COURSE OF STUDY (UNIVERSITY ACHIEVEMENT)

☐ Transcript/ Performance overview of the achieved study achievements and ECTS-CP/number of hours

☐ Module handbooks & course content (German or English)

☐ In case of study achievements at foreign universities: Overview of their evaluation system

CREDITING OF ACHIEVEMENTS FROM EDUCATION/TRAINING

☐ Official proof of completed training or further education (e.g. IHK examination certificate, diplomas)

☐ Description of the imparted subject contents - proof of the achieved achievements and teaching hours

☐ In case of continuing education achievements at foreign institutes: Overview of their evaluation system

CREDITING OF CERTIFICATES

☐ Description of the imparted contents and/or proof of the temporal extent

☐ In the case of further qualification achievements at foreign institutes: Overview of the assessment system

CREDITING OF ACHIEVEMENTS FROM WORK EXPERIENCE

☐ Official proof of activity of the employer
(including the following information: Detailed description of the function, the tasks as well as the period of time).
  – Please use the form "Employer confirmation" for this purpose. You can find it in our online recognition area, where you will also find your individual application form
  – Or, alternatively, submit a qualified job reference (including all the above information)

If you have any questions, please contact our student counselling service.

*IU Internationale Hochschule GmbH reserves the right to request certified copies in case of doubt.

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TO BE COMPLETED BY THE UNIVERSITY[1]

Previous achievements to the extent of _____ ECTS-CP will be recognized/credited via the courses marked in the table. This reduces the study fee by a total of _____ Euro.

☐ Subsequent recognition/credit - no cost reduction
☐ Sufficient proof of achievements was submitted

No later than 3 weeks after enrollment, you will also receive a separate notice listing your reduced fees and due date(s).

Should an entrance examination be required in the course of the examination of the admission requirements for entry into the study programme, individual modules (which are then the subject of the necessary entrance examination) cannot be credited to you, since the examinations of these modules are necessary in order to acquire the university entrance qualification. The courses to be taken are subject-specific.

This request was processed on: _____

The decision about the creditability of the achievements is made by the examination board. The recognition decision was reviewed and approved by the examination board of the IU International University of Applied Sciences.

This notice was created by machine and is valid without signature.

Information on legal remedies

An appeal against this decision can be lodged in writing or on record with the Examination Board of IU International University of Applied Sciences within one month of notification. (anerkennung@iu.org)

Further proof or missing documents must be submitted within 2 weeks after receipt of the appeal. If the objection is not substantiated, a decision will be made on the basis of the files.

In case of an appeal, the entire recognition decision will be reviewed again. We expressly point out that a deterioration with regard to the recognized ECTS number is possible.

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[1] Will be filled in by the university
*IU Internationale Hochschule GmbH reserves the right to request certified copies in case of doubt.

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