iu INTERNATIONAL UNIVERSITY OF APPLIED SCIENCES

B.SC. SOFTWARE DEVELOPMENT

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.
- **Important:** 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.SC. SOFTWARE DEVELOPMENT (BASD)

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

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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]
Software Engineering Principles	IGIS01_E	Software Engineering Principles	5					
Introduction to Academic Work	DLBCSIAW01	Introduction to Academic Work	5					
Requirements Engineering	DLBCSRE01	Requirements Engineering	5					
Specification	DLBCSS01	Specification	5					
Object-oriented Programming with Java	DLBCSOOPJ01	Object-oriented Programming with Java	5					
Database Modeling and Database Systems	DLBCSDMDS01	Database Modeling and Database Systems	5					
Data structures and Java class library	DLBCSDSJCL01	Data structures and Java class library	5					
Collaborative Work	DLBCSCW01	Collaborative Work	5					
Web Application Development	DLBCSWAD01	Web Application Development	5					
Algorithms, Data Structures, and Programming Languages	DLBCSL01	Algorithms, Data Structures, and Programming Languages	5					
Software Quality Assurance	DLBCSSQA01	Software Quality Assurance	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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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]
IT Architecture Management	DLBCSEITPAM02	IT Architecture Management	5					
Programming Information Systems with Java EE	IPWA02_E	Programming Information Systems with Java EE	5					
Ethics and Sustainability in IT	DLBSEPENIT01_E	Ethics and Sustainability in IT	5					
IT Project Management	DLBCSEITPAM01	IT Project Management	5					
Techniques and methods for agile software development	IWNF01_E	Techniques and methods for agile software development	5					
Introduction to Mobile Software Engineering	IWMB01_E	Mobile Software Engineering	5					
Seminar: Software Engineering	ISSE01_E	Seminar: Software Engineering	5					
Project: Agile Software Engineering	IWNF02_E	Project: Agile Software Engineering	5					
IT Infrastructure	DLBSEPITI01_E	IT Infrastructure	5					
IT-Service Management	DLBCSITSM01-01	IT-Service Management	5					
Project: Mobile Software Engineering	IWMB02-01_E	Project: Mobile Software Engineering	5					
Cloud Programming	DLBSEPCP01_E	Cloud Programming	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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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 Data Protection and IT Security	DLBCSIDPITS01	Introduction to Data Protection and IT Security	5					
DevOps and Continuous Delivery	DLBSEPDOCD01_E	DevOps and Continuous Delivery	5					
User Interface Design and Ergonomics	DLBMIUID01_E	User Interface Design and Ergonomics	5					
Introduction to Programming with Python	DLBDSIPWP01	Introduction to Programming with Python	5					
Project: Software Development	DLBSEPPSD01_E	Project: Software Development	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 + B[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]
Mathematics Basics	DLBCSM101	Mathematics I	5					
	DLBCSM201	Mathematics II	5					
Mathematics: Linear Algebra and Analysis	DLBDSMFLA01	Mathematics: Linear Algebra	5					
	DLBDSMFC01	Mathematics: Analysis	5					
Statistics Basics	DLBDSSPDS01	Statistics - Probability and Descriptive Statistics	5					
	DLBDSSIS01	Statistics - Inferential Statistics	5					
Data Science and object oriented programming with Python	DLBDSIDS01	Introduction to Data Science	5					
	DLBDSOOFPP01	Object Oriented and Functional Programming with Python	5					
Internet of Things and Embedded Systems	DLBINGEIT01_E	Introduction to the Internet of Things	5					
	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

[3] Please choose two 10 ECTS courses in elective area A,B and one 10 ECTS course in elective area C. Each course can only be chosen once.

*not available for online studies

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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]
Robotics and Production Engineering	DLBROIR01_E	Introduction to Robotics	5					
	DLBDSEAR01	Production Engineering	5					
International Management and Leadership	BWINT01	International Management	5					
	DLBWPLS01_E	Leadership 4.0	5					
International Marketing and Branding	DLBDSEIMB01	International Marketing	5					
	DLBDSEIMB02	International Brand Management	5					
Applied Sales	DLBDSEAS01	Applied Sales I	5					
	DLBDSEAS02	Applied Sales II	5					
Supply Chain Management	DLBDSESCM01	Supply Chain Management I	5					
	DLBDSESCM02	Supply Chain Management II	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 two 10 ECTS courses in elective area A,B and one 10 ECTS course in elective area C. 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
Business Intelligence	DLBCSEBI01	Business Intelligence	5					
	DLBCSEBI02	Project: Business Intelligence	5					
Smart Devices	DLBINGSD01_E	Smart Devices I	5					
	DLBINGSD02_E	Smart Devices II	5					
Smart Factory	DLBDSESF01	Smart Factory I	5					
	DLBDSESF02	Smart Factory II	5					
Smart Mobility	DLBINGSM01_E	Smart Mobility I	5					
	DLBINGSM02_E	Smart Mobility II	5					
Smart Services	DLBINGSS01_E	Smart Services I	5					
	DLBINGSS02_E	Smart Services II	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 two 10 ECTS courses in elective area A,B and one 10 ECTS course in elective area C. Each course can only be chosen once.
*not available for online studies

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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]
IT Security Consulting	DLBCSEEISC01_E	Technical and Operational IT Security Concepts	5					
	DLBCSEEISC02_E	Project: Configuration and Application of SIEM Systems	5					
Business Consulting	BWCN01_E	Business Consulting I	5					
	BWCN02_E	Business Consulting II	5					
Augmented, Mixed and Virtual Reality	DLBMIAMVR01_E	Augmented, Mixed and Virtual Reality	5					
	DLBMIAMVR02_E	X-Reality Project	5					
Digital Business	DLBLODB01_E	Digital Business Models	5					
	DLBINGDT01_E	Project: Design Thinking	5					
Infrastructure and Operations	DLBSEWIO01_E	IT Operations Management	5					
	DLBCSPITSM01	Project: IT Service Management	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 two 10 ECTS courses in elective area A,B and one 10 ECTS course in elective area C. Each course can only be chosen once.

*not available for online studies

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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 Engineer	DLBDSEDE01	Data Engineering	5					
	DLBDSEDE02	Project: Data Engineering	5					
User Experience	DLBMIUEX01_E	User Experience	5					
	DLBMIUEX02_E	UX-Project	5					
AI Specialist	DLBDSEAIS01	Artificial Intelligence	5					
	DLBDSEAIS02	Project: Artificial Intelligence	5					
Studium Generale	DLBSG01_E	Studium Generale I	5					
	DLBSG02_E	Studium Generale II	5					
Internship*	FSINTER01	Internship	10					

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 two 10 ECTS courses in elective area A,B and one 10 ECTS course in elective area C. Each course can only be chosen once.

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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 two 10 ECTS courses in elective area A,B and one 10 ECTS course in elective area C. 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.

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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

Attention: Students enrolled in the Online Degree Saver Programme or Scholarship Programme will not be granted a financial discount for the recognized courses.

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
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