

Crna Gora  
UNIVERZITET CRNE GORE  
PRIRODNO-MATEMATIČKI FAKULTET  
Broj 1191  
27.05. 2022. god.  
Podgorica,

MOLBA

VIJEĆU PRIRODNO-MATEMATIČKOG FAKULTETA

UNIVERZITETA CRNE GORE

**MOLBA ZA PRIZNAVANJE MOBILNOSTI NA UNIVERZITETU U SAARBRÜCKEN-U PUTEM ERASMUS+ PROGRAMA I  
USVAJANJE OCJENA ZA USPJEŠNO OBAVLJENE PREDMETE**

Poštovani,

U periodu od 11.10.2021. do 24.03.2022. godine putem Erasmus+ programa, boravila sam na Univerzitetu Saarland, u Saarbrücken-u, gdje sam uspješno položila jedan predmet koji je identičan predmetu na Univerzitetu Crne Gore, a to je Bezbjednost računarskih sistema.

Na Univerzitetu u Saarbrücken-u predmeti se ocjenjuju skalom od 1 do 5, s tim u vezi se nalazi predlog ocjena uz konsultacije sa prodekanom za nauku i međunarodnu saradnju i predmetnim profesorima po sistemu vrednovanja na Univerzitetu Crne Gore, kao i broj ECTS.

Predmet(Saarland University)	ECTS	Predmet(Univerzitet Crne Gore)	ECTS	Semestar	Ocjena	Predlog ocjene
Foundations of Cybersecurity 1	9	Bezbjednost računarskih sistema	4	5	3.7	E(6)

U prilogu Vam dostavljam Transkript ocjena kao i Ugovor o učenju koji je potpisan između Univerziteta Crne Gore i Univerziteta u Saarbrücken-u.

Ovim putem Vas molim da mi priznate moj boravak na Saarland Univerzitetu u Saarbrücken-u, kao i da prihvatite i usvojite moju ocjenu iz predmeta koji je položen.

S poštovanjem,

Podnosilac zahtjeva:

Maša Mašković

Anđela Mašković

# TRANSCRIPT OF RECORDS

**Sending Institution:**

University of Montenegro, Montenegro

**Student Information:**

Name of student: Anđela Mašković  
Date and place of birth: 12.01.2000, Podgorica  
Semester: Winter Term 2021-22  
Matriculation number: 7024886

**Receiving Institution:**

Name of receiving institution: Saarland University  
Faculty/Department: Faculty of Mathematics and Computer Science  
ECTS departmental coordinator: Dr. Tanja Breinig / Barbara Schulz-Brünen  
Tel.: +49 (0)681 302 58094 / +49 (0)681 302 6582  
Fax: +49 (0)681 302 58094  
e-mail: erasmus@cs.uni-saarland.de

Course Unit code*	Title of the course unit	Duration of course unit	Local grade	ECTS credits
131610	Foundations of Cybersecurity 1	1S	3.7	9
			<b>Total:</b>	<b>9</b>

\* see back of page

\*\* course language German

25.04.2022

Barbara Schulz-Brünen



Date

Signature of ECTS departmental coordinator / Stamp of institution



<sup>1)</sup> **Course unit code:**

Refer to the ECTS Information Package

<sup>2)</sup> **Duration of course unit:**

Y = 1 full academic year

1S = 1 semester

2S = 2 semesters

1T = 1 term/trimester

2T = 2 terms/trimesters

<sup>3)</sup> **Description of the institutional grading system:**

- 1.0 Sehr gut (very good)
- 1.3 Sehr gut (very good)
- 1.7 Gut (good)
- 2.0 Gut (good)
- 2.3 Gut (good)
- 2.7 Befriedigend (satisfactory)
- 3.0 Befriedigend (satisfactory)
- 3.3 Befriedigend (satisfactory)
- 3.7 Ausreichend (sufficient)
- 4.0 Ausreichend (sufficient)
- 5.0 Mangelhaft (not sufficient – fail)

<sup>4)</sup> **ECTS credits:**

1 credit = 30 hours student workload

1 semester = 30 credits

1 full academic year = 60 credits

# Erasmus+ Student Mobility for Studies

Higher Education:  
Learning Agreement form  
Anđela Mašković  
Academic Year 2021/2022

Student	Last name(s) Mašković	First name(s) Anđela	Date of birth 12.01.2000	Nationality <sup>1</sup> Montenegro	Sex (M/F) F	Study cycle <sup>2</sup> Bachelor	Field of education <sup>3</sup> Computer science
Sending Institution	Name	Faculty/Department	Erasmus code <sup>4</sup> (if applicable)	Address Street Sedara Mila Vlahovica, 27 81000 Podgorica	Country Montenegro	Contact person name <sup>5</sup> , email, phone Stajana Krivokapic stajana.krivokapic@gmail.com	
	University of Montenegro	Faculty of Natural Sciences and Mathematics					
Receiving Institution	Name Universität des Saarlandes	Faculty/Department Faculty of Mathematics and Computer Science	Erasmus code (if applicable) D-SAARBRU01	Address 66123 Saarbrücken	Country Deutschland	Contact person name, email, phone Dr. Franka Rühl fruehl@uni-saarland.de +49 621 302 71105	

## Before the mobility

Study Programme at the Receiving Institution				
Planned period of the mobility: from month/year 01.10.2021 to month/year 01.03.2022.				
Table A Before the mobility	Component <sup>5</sup> code (if any)	Component title at the Receiving Institution (as indicated in the course catalogue <sup>7</sup> )	Semester (e.g. autumn/spring, term)	Number of ECTS credits (or equivalent) <sup>8</sup> to be awarded by the Receiving Institution upon successful completion
		Elements of Data Science and AI	Winter- BSc	9CP
		Software Engineering	Winter- BSc	9CP
		Foundation of Cybersecurity 1	Winter- BSc	9CP
				Total: 27
Web link to the course catalogue at the Receiving Institution describing the learning outcomes: (https://cms.sic.saarland/system/course/363)				

The level of language competence<sup>9</sup> in English (indicate here the main language of instruction) that the student already has or agrees to acquire by the start of the study period is: A1 ☐ A2 ☐ B1 ☐ B2 ☐ C1 ☒ C2 ☐ Native speaker ☐

Recognition at the Sending Institution				
Table B Before the mobility	Component code (if any)	Component title at the Sending Institution (as indicated in the course catalogue)	Semester (e.g. autumn/spring, term)	Number of ECTS credits (or equivalent) to be recognised by the Sending Institution
		Vještacka inteligencija/prof. dr. Savo Tomović	Winter	5
		Softverski inženjering/doc. dr. Sedina Kodić	Summer	5
		Bezbjednost računarskih sistema/doc. Dr. Uglješa Urošević	Winter	4
				Total: 14
Provisions applying if the student does not complete successfully some educational components: (web link to the relevant information)				

## Commitment

By signing this document, the student, the Sending Institution and the Receiving Institution confirm that they approve the Learning Agreement and that they will comply with all the arrangements agreed by all parties. Sending and Receiving Institutions undertake to apply all the principles of the Erasmus Charter for Higher Education relating to mobility for studies (or the principles agreed in the Inter-institutional Agreement for institutions located in Partner Countries). The beneficiary institution and the student should also commit to what is set out in the Erasmus grant agreement. The Receiving Institution confirms that the educational components listed in Table A are in line with its course catalogue and should be available to the student. The Sending Institution commits to recognise all the credits or equivalent units gained at the Receiving Institution for the successfully completed educational components and to count them towards the student's degree as described in Table B. Any exception to this rule are documented in an annex of this Learning Agreement and agreed by all parties. The student and the Receiving Institution will communicate to the Sending Institution any problems or changes regarding the study programme, responsible persons and/or study period.

Commitment	Name	Email	Position	Date	Signature
Student	Anđela Mašković	andjelamaskovic@yahoo.com	Student	26.06.2021	Anđela Mašković



Erasmus+

Higher Education:  
Learning Agreement form  
Anđela Mašković  
Academic Year 2021/2022

Responsible person <sup>10</sup> at the Sending Institution	Sladjana Krivokapic	sladjana.krivokapic@gmail.com	Vice dean of Science and International Collaboration	24. 09. 2021.	
Responsible person at the Receiving Institution <sup>11</sup>	Dr. Ekaterina Klüh Barbara Schulz-Brünen	e.klueh@lo.uni-saarland.de erasmus@cs.uni-saarland.de	International Office Coordinator East European Programmes	11.10.2021	

Study Coordinator  
CS Department

### During the Mobility

Exceptional changes to Table A (to be approved by e-mail or signature by the student, the responsible person in the Sending Institution and the responsible person in the Receiving Institution)						
Table A2 During the mobility	Component code (if any)	Component title at the Receiving Institution (as indicated in the course catalogue)	Deleted component (tick if applicable)	Added component (tick if applicable)	Reason for change <sup>12</sup>	Number of ECTS credits (or equivalent)
			<input checked="" type="checkbox"/>	<input type="checkbox"/>	Choose an item.	
			<input type="checkbox"/>	<input checked="" type="checkbox"/>	Choose an item.	

Exceptional changes to Table B (if applicable) (to be approved by e-mail or signature by the student and the responsible person in the Sending Institution)					
Table B2 During the mobility	Component code (if any)	Component title at the Sending Institution (as indicated in the course catalogue)	Deleted component (tick if applicable)	Added component (tick if applicable)	Number of ECTS credits (or equivalent)
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

### After the Mobility

Transcript of Records at the Receiving Institution					
Start and end dates of the study period: from [day/month/year] ..... to [day/month/year] .....					
Table C After the mobility	Component code (if any)	Component title at the Receiving Institution (as indicated in the course catalogue)	Was the component successfully completed by the student? [Yes/No]	Number of ECTS credits (or equivalent)	Grades received at the Receiving Institution
		Foundations of Cybersecurity 1	Yes	9	3.7
				Total: ...	

Transcript of Records and Recognition at the Sending Institution				
Start and end dates of the study period: from [day/month/year] ..... to [day/month/year] .....				
Table D After the mobility	Component code (if any)	Title of recognised component at the Sending Institution (as indicated in the course catalogue)	Number of ECTS credits (or equivalent) recognised	Grades registered at the Sending Institution (if applicable)
		Bezbjednost raunarskih sistema	4	E(6)



Erasmus+

Higher Education:  
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Total: ...	
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<sup>1</sup> **Nationality:** country to which the person belongs administratively and that issues the ID card and/or passport.

<sup>2</sup> **Study cycle:** Short cycle (EQF level 5) / Bachelor or equivalent first cycle (EQF level 6) / Master or equivalent second cycle (EQF level 7) / Doctorate or equivalent third cycle (EQF level 8).

<sup>3</sup> **Field of education:** The ISCED-F 2013 search tool available at [http://ec.europa.eu/education/tools/isced-f\\_en.htm](http://ec.europa.eu/education/tools/isced-f_en.htm) should be used to find the ISCED 2013 detailed field of education and training that is closest to the subject of the degree to be awarded to the student by the Sending Institution.

<sup>4</sup> **Erasmus code:** a unique identifier that every higher education institution that has been awarded with the Erasmus Charter for Higher Education (ECHE) receives. It is only applicable to higher education institutions located in Programme Countries.

<sup>5</sup> **Contact person:** person who provides a link for administrative information and who, depending on the structure of the higher education institution, may be the departmental coordinator or works at the international relations office or equivalent body within the institution.

<sup>6</sup> An "educational component" is a self-contained and formal structured learning experience that features learning outcomes, credits and forms of assessment. Examples of educational components are: a course, module, seminar, laboratory work, practical work, preparation/research for a thesis, mobility window or free electives.

<sup>7</sup> **Course catalogue:** detailed, user-friendly and up-to-date information on the institution's learning environment that should be available to students before the mobility period and throughout their studies to enable them to make the right choices and use their time most efficiently. The information concerns, for example, the qualifications offered, the learning, teaching and assessment procedures, the level of programmes, the individual educational components and the learning resources. The Course Catalogue should include the names of people to contact, with information about how, when and where to contact them.

<sup>8</sup> **ECTS credits (or equivalent):** in countries where the "ECTS" system is not in place, in particular for institutions located in Partner Countries not participating in the Bologna process, "ECTS" needs to be replaced in the relevant tables by the name of the equivalent system that is used, and a web link to an explanation to the system should be added.

<sup>9</sup> **Level of language competence:** a description of the European Language Levels (CEFR) is available at: <https://europass.cedefop.europa.eu/en/resources/european-language-levels-cefr>

<sup>10</sup> **Responsible person at the Sending Institution:** an academic who has the authority to approve the Learning Agreement, to exceptionally amend it when it is needed, as well as to guarantee full recognition of such programme on behalf of the responsible academic body. The name and email of the Responsible person must be filled in only in case it differs from that of the Contact person mentioned at the top of the document.

<sup>11</sup> **Responsible person at the Receiving Institution:** the name and email of the Responsible person must be filled in only in case it differs from that of the Contact person mentioned at the top of the document.

**Reasons for exceptional changes to study programme abroad (choose an item number from the table below):**

Reasons for deleting a component	Reason for adding a component
1. Previously selected educational component is not available at the Receiving institution	5. Substituting a deleted component
2. Component is in a different language than previously specified in the course catalogue	6. Extending the mobility period
3. Timetable conflict	7. Other (please specify)
4. Other (please specify)	