

LEARNING AGREEMENT FOR STUDIES

The Student

Family name (s)	Somorjai	Given name (s)	Márk István
Date of birth	2000-08-15	Nationality ⁱ	Hungary
Sex [M/F]	Male	Academic year	2022/2023
Study cycle ⁱⁱ	Degree programmes	Subject area, Code ⁱⁱⁱ	Engineering and engineering trades, not further defined, 0710
Phone		E-mail	somorjai.mark@icloud.com

The Sending Institution

Name	Budapest University of Technology and Economics	Faculty	
Erasmus code (if applicable)	HU BUDAPES02	Department	
Address	Műgyetem rkp. 1-3. HU-1111 BUDAPEST Hungary	Country, Country code ^{iv}	Hungary, HU
Contact person ^v name	Gali, Diána	Contact person e-mail / phone	erasmus@mail.bme.hu,

The Receiving Institution

Name	KUNGL TEKNISKA HÖGSKOLAN	Faculty	School of Electrical Engineering and Computer Science
Erasmus code (if applicable)	S STOCKHO04	Department	
Address	TEKNIKRINGEN 8, Entréplan SE-10044 STOCKHOLM Sweden	Country, Country code	Sweden, SE
Contact person name	Manja Schubert	Contact person e-mail / phone	manjas@kth.se

For guidelines, please look at Annex 1, for end notes please look at Annex 2.

Section to be completed BEFORE THE MOBILITY

I. PROPOSED MOBILITY PROGRAMME

Planned period of the mobility: from 08/2022 till 01/2023.

Table A: Study programme abroad

Component ^{vi} code (if any)	Component title (as indicated in the course catalogue) at the receiving institution	Semester [autumn / spring] [or term]	Number of ECTS credits to be awarded by the receiving institution upon successful completion
DD2542	Seminars on Theoretical Computer Science, Algorithms and Complexity	autumn	7,50
DD2440	Advanced Algorithms	autumn	6,00
ID2202	Compilers and Execution Environments	autumn	7,50
DD1420	Foundations of Machine Learning	autumn	7,50
			Total: 28,50

Web link to the course catalogue at the receiving institution describing the learning outcomes:

<https://www.kth.se/student/kurser/sokkurs>

Table B: Group of educational components in the student's degree that would normally be completed at the sending institution and which will be replaced by the study abroad NB no one to one match with Table A is required. Where all credits in Table A are recognised as forming part of the programme at the sending institution without any further conditions being applied, Table B may be completed with a reference to the mobility window (see guidelines).

Component code (if any)	Component title (as indicated in the course catalogue) at the sending institution	Semester [autumn / spring] [or term]	Number of ECTS credits
	Elective courses	autumn	21,00
			Total: 21,00

If the student does not complete successfully some educational components, the following provisions will apply:

Relevant information to be added.

Language competence of the student

The level of language competence^{vii} in English that the student already has or agrees to acquire by the start of the study period (for the above-mentioned dates): C1

II. RESPONSIBLE PERSONS

Responsible person^{viii} in the sending institution:

Name: Gerhátné Udvary, Eszter

Function: Departmental Coordinator

Phone number:

E-mail: vik-erasmus@m365.bme.hu

Responsible person^{ix} in the receiving institution:Name: ~~Manja Schubert~~ Malin Vestin

Function: Departmental Coordinator

Phone number:

E-mail: ~~manjas@kth.se~~ exchange.in@kth.se

III. COMMITMENT OF THE THREE PARTIES

By signing this document, the student, the sending institution and the receiving institution confirm that they approve the proposed 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 receiving institution confirms that the educational components listed in Table A are in line with its course catalogue.

The sending institution commits to recognise all the credits 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 exceptions to this rule are documented in an annex of this Learning Agreement and agreed by all parties.

The student and receiving institution will communicate to the sending institution any problems or changes regarding the proposed mobility programme, responsible persons and/or study period.

The student

Student's signature



Date: 08. 08. 2022.

The sending institution

Responsible person's signature



Date: 11.08.2022

The receiving institution

Responsible person's signature



Date: 12-08-2022

Annex 2: End notes

Nationality: Country to which the person belongs administratively and that issues the ID card and/or passport.

ii **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).

iii The [ISCED-F 2013 search tool](http://ec.europa.eu/education/tools/isced-f_en.htm) available at 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.

iv **Country code:** ISO 3166-2 country codes available at: <https://www.iso.org/obp/ui/#search>.

v **Contact person:** a 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 will work at the international relations office or equivalent body within the institution.

vi 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.

vii For the Common European Framework of Reference for Languages (CEFR) see <http://europass.cedefop.europa.eu/en/resources/european-language-levels-cefr>

viii **Responsible person in the sending institution:** an academic who has the authority to approve the mobility programme of outbound students (Learning Agreements), to exceptionally amend them when it is needed, as well as to guarantee full recognition of such programmes on behalf of the responsible academic body.

ix **Responsible person in the receiving institution:** an academic who has the authority to approve the mobility programme of incoming students and is committed to give them academic support in the course of their studies at the receiving institution.

During the mobility

Student	Last name(s)	First name(s)	Nationality	Sex (M/F)	Date of birth	Field of study
	Somorjai	Márk István	Hungary	Male	2000-08-15	Engineering and engineering trades, not further defined, 0710
Sending University	Name, faculty/department	Erasmus code ¹³	Contact person name ¹⁴	Contact person email; phone		
	Budapest University of Technology and Economics	HU BUDAPES02	Diána GALI	erasmus@mail.bme.hu		
Receiving University	Name, faculty/department	Erasmus code ¹⁵	Contact person name ¹⁶	Contact person email; phone		
	KUNGL TEKNISKA HÖGSKOLAN	S STOCKHO04	Malin Vestin	exchange.in@kth.se		

Exceptional changes to Table A

Period of the mobility: from [day/month/year] 20/08/2022 to [day/month/year] 16/01/2023

(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 ¹⁷	Number of ECTS credits (or equivalent)
	DD2542	Seminars on Theoretical Computer Science, Algorithms and Complexity	☒	☐	3	7,50
			☐	☐	Choose an item.	
			☐	☐	Choose an item.	
			☐	☐	Choose an item.	
			☐	☐	Choose an item.	
			☐	☐	Choose an item.	

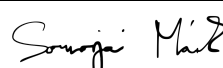
Exceptional changes to Table B (if applicable)

(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)
			☐	☐	
			☐	☐	
			☐	☐	
			☐	☐	
			☐	☐	
			☐	☐	

Commitment

The student, the Sending and the Receiving Institutions confirm that they approve the proposed amendments to the mobility programme. Approval by email or signature of the student and of the Sending and Receiving Institution responsible persons.

Commitment	Name	Position	Date	Signature, stamp
Student	Márk István Somorjai	Student	31. 08. 2022.	
Responsible person ¹⁸ at the Sending Institution	Dr. Eszter Gerhatne Udvary	Faculty Erasmus coordinator	01.09.2022	
Responsible person at the Receiving Institution ¹⁹	Malin Vestin	Exchange coordinator	01.09.2022	

¹ **Nationality:** Country to which the person belongs administratively and that issues the ID card and/or passport.

² **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).

³ **Field of education:** The [ISCED-F 2013 search tool](http://ec.europa.eu/education/tools/iscsed-f_en.htm) available at http://ec.europa.eu/education/tools/iscsed-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 trainee by the sending institution.

⁴ **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.

⁵ **Contact person at the sending institution:** a 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 will work at the international relations office or equivalent body within the institution.

⁶ **Contact person at the sending institution:** a 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 will work at the international relations office or equivalent body within the institution.

⁷ 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.

⁸ **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.

⁹ **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.

¹⁰ **Level of language competence:** a description of the European Language Levels (CEFR) is available at: <https://europa.eu/europass/cedefop.europa.eu/en/resources/european-language-levels-cefr>

¹¹ **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.

¹² **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.

¹³ **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.

¹⁴ **Contact person at the sending institution:** a 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 will work at the international relations office or equivalent body within the institution.

¹⁵ **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.

¹⁶ **Contact person at the sending institution:** a 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 will work at the international relations office or equivalent body within the institution.

¹⁷ **Reasons for exceptional changes to study programme abroad (choose an item number from the table below):**

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

¹⁸ **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.

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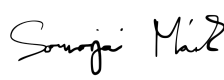
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After the mobility

Student	Last name(s)	First name(s)	Nationality	Sex (M/F)	Date of birth	Field of study
	Somorjai	Márk István	Hungary	Male	2000-08-15	Engineering and engineering trades, not further defined, 0710
Sending University	Name, faculty/department	Erasmus code ²⁰	Contact person name ²¹	Contact person email; phone		
	Budapest University of Technology and Economics	HU BUDAPE02	Diána GALI	erasmus@mail.bme.hu		
Receiving University	Name, faculty/department	Erasmus code ²²	Contact person name ²³	Contact person email; phone		
	Kungliga Tekniska Högskolan	S STOCKHO04	Malin Vestin	exchange.in@kth.se		

Table C <i>Transcript of Records at the Receiving Institution</i>					
Start and end dates of the study period: from [day/month/year] 20/08/2022 to [day/month/year] 16/01/2023					
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
	DD1420	Foundations of Machine Learning	Yes	7,5	A
	ID2202	Compilers and Execution Environments	Yes	7,5	C
	DD2440	Advanced Algorithms	Yes	6	A
				Total: 21	

Table D <i>Transcript of Records and Recognition at the Sending Institution</i>				
Start and end dates of the study period: from [day/month/year] 20/08/2022 to [day/month/year] 16/01/2023				
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)
			Total: 0	

Signature of responsible person in Receiving Institution and date				
Commitment	Name	Position	Date	Signature, stamp
Responsible person at the Receiving Institution ²⁴	Malin Vestin	International Coordinator	2023-01-19	
Signature of responsible person in Sending Institution and date				
Commitment	Name	Position	Date	Signature, stamp
Responsible person at the Sending Institution ²⁵	Dr. Eszter Gerhátné Udvarý	Faculty Erasmus Coordinator	2023.02.14.	
Signature of Student and date				
Commitment	Name	Position	Date	Signature, stamp
Student	Márk Somorjai	Student	2023-02-13	

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¹⁷ **Reasons for exceptional changes to study programme abroad (choose an item number from the table below):**

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

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