



# Erasmus+ Programme

## Key Action 1 - Mobility for learners and staff - Higher Education Student and Staff Mobility

### Inter-institutional agreement 2014-2018 between programme countries

The institutions named below agree to cooperate for the exchange of students and/or staff in the context of the Erasmus+ programme. They commit to respect the quality requirements of the Erasmus Charter for Higher Education in all aspects related to the organisation and management of the mobility, in particular the recognition of the credits awarded to students by the partner institution.

#### A. Information about higher education institutions

Name of the institution (and department, where relevant)	Erasmus code	Contact details	Website (eg. of the course catalogue)
Yıldız Technical University	TR ISTANBU07	<b>Institutional</b> Assoc.Prof.Dr. Bayram Ali Ersoy ( <i>Institutional Erasmus Coordinator</i> ) Tel: +90 212 383 2069 E-mail: <a href="mailto:erasmus@yildiz.edu.tr">erasmus@yildiz.edu.tr</a>	<a href="http://www.bologna.yildiz.edu.tr/">http://www.bologna.yildiz.edu.tr/</a>
		<b>Departmental</b> Assist. Prof. Dr. Tansal Gucluoglu Dept. of Electronics and Communication Eng. Phone: +902123835912 ; Fax: +902122599321 e-mail: <a href="mailto:tansal@yildiz.edu.tr">tansal@yildiz.edu.tr</a>	
Umeå University	SE UMEA01	<b>Institutional</b> Ms. Jenny Ahlinder Hagberg ( <i>Institutional Erasmus Coordinator</i> ) Communication and International Relation Office Tel: +46 (0) 90 786 6091 Email: <a href="mailto:jenny.ahlinder@umu.se">jenny.ahlinder@umu.se</a>	<a href="http://www.umu.se/english/education/exchange-students">http://www.umu.se/english/education/exchange-students</a> <a href="http://www.umu.se/english/education">http://www.umu.se/english/education</a>
		<b>Departmental</b> Ass. Prof. Dr. Sven Rönnbäck Phone: +46 (0) 90 786 5342 Email: <a href="mailto:sven.ronnback@umu.se">sven.ronnback@umu.se</a>	

## B. Mobility numbers per academic year

The partners commit to amend the table below in case of changes in the mobility data by no later than the end of January in the preceding academic year.

FROM [Erasmus code of the sending institution]	TO [Erasmus code of the receiving institution]	Subject area code [ISCED]	Subject area name	Study cycle [short cycle, 1 <sup>st</sup> , 2 <sup>nd</sup> or 3 <sup>rd</sup> ]	Student Mobility for Studies (number of students/total number of months)
TR ISTANBU 07	SE UMEA01	714	Electronics and Automation	1 <sup>st</sup> , 2 <sup>nd</sup>	4 students / 20 months
SE UMEA01	TR ISTANBU 07	714	Electronics and Automation	1 <sup>st</sup> , 2 <sup>nd</sup>	4 students / 20 months

FROM [Erasmus code of the sending institution]	TO [Erasmus code of the receiving institution]	Subject area code [ISCED]	Subject area name	Number of staff mobility periods	
				Staff Mobility for Teaching	Staff Mobility for Training
TR ISTANBU 07	SE UMEA01	714	Electronics and Automation	1	1
SE UME01	TR ISTANBU 07	714	Electronics and Automation	1	1

## C. Recommended language skills

The sending institution, following agreement with the receiving institution, is responsible for providing support to its nominated candidates so that they can have the recommended language skills at the start of the study or teaching period:

Receiving	Optional:	Language	Language	Recommended language of
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institution [Erasmus code]	Subject area	of		instruction level <sup>1</sup>	
		instruc- tion 1	tion 2	Student Mobility for Studies	Staff Mobility for Teaching
TR ISTANBU 07		English		B1	B2
SE UMEA01		English		C1	C1

For more details on the language of instruction recommendations, see the course catalogue of each institution [*Links provided on the first page*].

#### **D. S UMEA01**

Firstly, exchange students need to be nominated on-line by their coordinator at their home university. After being nominated, they will receive the application instructions and the link to the application form by e-mail. Important: Umeå University requires an on-line nomination.

Secondly, fill out the on-line application form and choose the courses to study in Umeå as well as apply for housing on the same form. Print the application form and send it to UMU together with your (student) transcript of records.

<http://www.umu.se/english/education/exchange-students/application>

Umeå University, welcomes students with disabilities, though they should contact Student Services as soon as possible after being nominated by their home university; all support is offered on an individual basis.

<http://www.umu.se/english/education/student-support/disability-services-and-resources>

<sup>1</sup> For an easier and consistent understanding of language requirements, use of the Common European Framework of Reference for Languages (CEFR) is recommended, see

<http://europass.cedefop.europa.eu/en/resources/european-language-levels-cefr>

## Additional requirements

### E. Calendar

1. Applications/information on nominated students must reach the receiving institution by:

Receiving institution [Erasmus code]	Autumn term* [month]	Spring term* [month]
TR ISTANBU 07	Online Application Period 15 <sup>th</sup> May-15 <sup>th</sup> July	Online Application Period 15 <sup>th</sup> October-15 <sup>th</sup> December
SE UMEA01	<a href="http://www.umu.se/english/education/exchange-students/important-dates">http://www.umu.se/english/education/exchange-students/important-dates</a>	<a href="http://www.umu.se/english/education/exchange-students/important-dates">http://www.umu.se/english/education/exchange-students/important-dates</a>

[\* to be adapted in case of a trimester system]

### S UMEA01

At Umeå University a Transcript of Records will be issued at the end of the student stay by the Erasmus departmental coordinator. Students have to contact him/ her a few weeks before departure.

### F. Information

#### 1. Grading systems of the institutions

##### **Umeå University: Grading system**

5 = superior / 4 = above average / 3 = average / VG = superior / G = pass / U= fail

#### 2. Visa

The sending and receiving institutions will provide assistance, when required, in securing visas for incoming and outbound mobile participants, according to the requirements of the Erasmus Charter for Higher Education.

Information and assistance can be provided by the following contact points and information sources:

Institution [Erasmus code]	Contact details (email, phone)	Website for information
TR ISTANBU 07	incoming@yildiz.edu.tr	<a href="http://www.konsolosluk.gov.tr/tr/en/start.aspx">http://www.konsolosluk.gov.tr/tr/en/start.aspx</a>
S UMEA01	Ms Sandra Astrom <a href="mailto:sandra.astrom@umu.se">sandra.astrom@umu.se</a> +46 (0) 90 786 60 83	<a href="http://www.umu.se/english/education/student-handbook/at-home/visa-information">http://www.umu.se/english/education/student-handbook/at-home/visa-information</a> <a href="http://www.kir.umu.se/english/internatio">http://www.kir.umu.se/english/internatio</a>

		<a href="#">nal-office/</a>
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### **3. Insurance**

The sending and receiving institutions will provide assistance in obtaining insurance for incoming and outbound mobile participants, according to the requirements of the Erasmus Charter for Higher Education.

The receiving institution will inform mobile participants of cases in which insurance cover is not automatically provided. Information and assistance can be provided by the following contact points and information sources:

<b>Institution</b> [Erasmus code]	<b>Contact details</b> (email, phone)	<b>Website for information</b>
TR ISTANBU 07	<a href="mailto:incoming@yildiz.edu.tr">incoming@yildiz.edu.tr</a>	<a href="http://www.sgk.gov.tr/wps/portal/en?CSRT=15758577449206964749">http://www.sgk.gov.tr/wps/portal/en?CSRT=15758577449206964749</a>
S UMEA01	Ms Sandra Astrom <a href="mailto:sandra.astrom@umu.se">sandra.astrom@umu.se</a> +46 (0) 90 786 60 83	<a href="http://www.umu.se/english/education/student-handbook/at-home/insurance">http://www.umu.se/english/education/student-handbook/at-home/insurance</a>

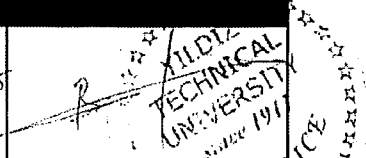
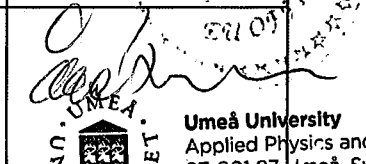
### **4. Housing**

The receiving institution will guide incoming mobile participants in finding accommodation, according to the requirements of the Erasmus Charter for Higher Education.

Information and assistance can be provided by the following persons and information sources:

<b>Institution</b> [Erasmus code]	<b>Contact details</b> (email, phone)	<b>Website for information</b>
TR ISTANBU07	<a href="mailto:incoming@yildiz.edu.tr">incoming@yildiz.edu.tr</a>	<a href="http://www.bologna.yildiz.edu.tr/index.php?r=infoforstudents/accommodation">http://www.bologna.yildiz.edu.tr/index.php?r=infoforstudents/accommodation</a>
S UMEA01	International office +46 (0) 90 786 5772	<a href="http://www.umu.se/english/education/accommodation/">http://www.umu.se/english/education/accommodation/</a>

**G. SIGNATURES OF THE INSTITUTIONS (legal representatives)**

Institution [Erasmus code]	Name, function	Date	Signature <sup>2</sup>
TR ISTANBU 07	Assoc.Prof.Dr. Bayram Ali Ersoy <i>Institutional Erasmus Coordinator</i>	01.04.2015	
SE UMEA01	Assoc.Prof Dr.Åke Fransson Head of Department Department of Applied Physics and Electronics	2015-04-13	 Umeå University Applied Physics and Electronics SE-901 87 Umeå, Sweden

**Links to departmental webpages**



**Umeå University**  
Applied Physics and Electronics  
SE-901 87 Umeå, Sweden

**UMEÅ UNIVERSITY**

Department of Applied Physics and Electronics,  
<http://www.tfe.umu.se/english/?languageld=1>

[Online February 2015]






**YILDIZ TECHNICAL UNIVERSITY**

Department of Electronics and Communications Engineering,  
<http://www.ehm.yildiz.edu.tr/en>

[Online February 2015]

<sup>2</sup> Scanned signatures are accepted

## Common European Framework of Reference for Languages - Self-assessment grid

	A1 Basic User	A2 Basic User	B1 Independent user	B2 Independent user	C1 Proficient user	C2 Proficient user	
Understanding	 Listening	I can understand familiar words and very basic phrases concerning myself, my family and immediate concrete surroundings when people speak slowly and clearly.	I can understand phrases and the highest frequency vocabulary related to areas of most immediate personal relevance (e.g. very basic personal and family information, shopping, local area, employment). I can catch the main point in short, clear, simple messages and announcements.	I can understand the main points of clear standard speech on familiar matters regularly encountered in work, school, leisure, etc. I can understand the main point of many radio or TV programmes on current affairs or topics of personal or professional interest when the delivery is relatively slow and clear.	I can understand extended speech and lectures and follow even complex lines of argument provided the topic is reasonably familiar. I can understand most TV news and current affairs programmes. I can understand the majority of films in standard dialect.	I can understand extended speech even when it is not clearly structured and when relationships are only implied and not signalled explicitly. I can understand television programmes and films without too much effort.	I have no difficulty in understanding any kind of spoken language, whether live or broadcast, even when delivered at fast native speed, provided I have some time to get familiar with the accent.
	 Reading	I can understand familiar names, words and very simple sentences, for example on notices and posters or in catalogues.	I can read very short, simple texts. I can find specific, predictable information in simple everyday material such as advertisements, prospectuses, menus and timetables and I can understand short simple personal letters.	I can understand texts that consist mainly of high frequency everyday or job-related language. I can understand the description of events, feelings and wishes in personal letters.	I can read articles and reports concerned with contemporary problems in which the writers adopt particular attitudes or viewpoints. I can understand contemporary literary prose.	I can understand long and complex factual and literary texts, appreciating distinctions of style. I can understand specialised articles and longer technical instructions, even when they do not relate to my field.	I can read with ease virtually all forms of the written language, including abstract, structurally or linguistically complex texts such as manuals, specialised articles and literary works.
Speaking	 Spoken interaction	I can interact in a simple way provided the other person is prepared to repeat or rephrase things at a slower rate of speech and help me formulate what I'm trying to say. I can ask and answer simple questions in areas of immediate need or on very familiar topics.	I can communicate in simple and routine tasks requiring a simple and direct exchange of information on familiar topics and activities. I can handle very short social exchanges, even though I can't usually understand enough to keep the conversation going myself.	I can deal with most situations likely to arise whilst travelling in an area where the language is spoken. I can enter unprepared into conversation on topics that are familiar, of personal interest or pertinent to everyday life (e.g. family, hobbies, work, travel and current events).	I can interact with a degree of fluency and spontaneity that makes regular interaction with native speakers quite possible. I can take an active part in discussion in familiar contexts, accounting for and sustaining my views.	I can express myself fluently and spontaneously without much obvious searching for expressions. I can use language flexibly and effectively for social and professional purposes. I can formulate ideas and opinions with precision and relate my contribution skilfully to those of other speakers.	I can take part effortlessly in any conversation or discussion and have a good familiarity with idiomatic expressions and colloquialisms. I can express myself fluently and convey finer shades of meaning precisely. If I do have a problem I can backtrack and restructure around the difficulty so smoothly that other people are hardly aware of it.
	 Spoken production	I can use simple phrases and sentences to describe where I live and people I know.	I can use a series of phrases and sentences to describe in simple terms my family and other people, living conditions, my educational background and my present or most recent job.	I can connect phrases in a simple way in order to describe experiences and events, my dreams, hopes and ambitions. I can briefly give reasons and explanations for opinions and plans. I can narrate a story or relate the plot of a book or film and describe my reactions.	I can present clear, detailed descriptions on a wide range of subjects related to my field of interest. I can explain a viewpoint on a topical issue giving the advantages and disadvantages of various options.	I can present clear, detailed descriptions of complex subjects integrating sub-themes, developing particular points and rounding off with an appropriate conclusion.	I can present a clear, smoothly-flowing description or argument in a style appropriate to the context and with an effective logical structure which helps the recipient to notice and remember significant points.
Writing	 Writing	I can write a short, simple postcard, for example sending holiday greetings. I can fill in forms with personal details, for example entering my name, nationality and address on a hotel registration form.	I can write short, simple notes and messages. I can write a very simple personal letter, for example thanking someone for something.	I can write simple connected text on topics which are familiar or of personal interest. I can write personal letters describing experiences and impressions.	I can write clear, detailed text on a wide range of subjects related to my interests. I can write an essay or report, passing on information or giving reasons in support of or against a particular point of view. I can write letters highlighting the personal significance of events and experiences.	I can express myself in clear, well-structured text, expressing points of view at some length. I can write about complex subjects in a letter, an essay or a report, underlining what I consider to be the salient issues. I can select a style appropriate to the reader in mind.	I can write clear, smoothly-flowing text in an appropriate style. I can write complex letters, reports or articles which present a case with an effective logical structure which helps the recipient to notice and remember significant points. I can write summaries and reviews of professional or literary works.

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