

CODE OF CREDIT TRANSFER PROCEDURE AT THE UNIVERSITY OF PÉCS MEDICAL SCHOOL

Article 1. The operation of the Credit Transfer Committee

-Article 9 of the CSE-

- (1) In the University of Pécs Medical School (hereinafter: UPMS) the Faculty's Credit Transfer Committee (hereinafter: CTC) shall make the first instance decisions in credit transfer cases in accordance with the Code of Studies and Examinations (hereinafter: CSE).
- (2) The detailed provisions pertaining to the procedures of the CTC are included in the CSE. Besides the provisions of the CSE the CTC regulates its own procedures in the following.
- (3) The CTC shall comprise at least four members. Its members shall be elected by the Faculty Council on the recommendation of the person(s) responsible for the major and the Dean. 50% of the members shall be students with voting rights. Student members of the CTC shall be elected by the Faculty Council on the recommendation of the President of the Faculty Student Union.
- (4) The CTC has a quorum if at least half of the members is present in the meeting. In case the committee does not have a quorum the student members can transfer their voting rights to other students.
- (5) The CTC makes its decisions by simple majority. In case of a tied vote the Head of the Committee shall have the casting vote.

Article 2. Applicants

- Article 54 of the CSE-

- (1) Students admitted at the UPMS through an entrance exam or transfer procedure may have their previous studies completed in another higher education institute credited.
- (2) The student must initiate the procedure of the recognition of their previous studies during the admission or transfer procedure.
- (3) In case of students changing their major, the language programme of their studies, re-admitted after dismissal or changing their recommended curriculum within the UPMS the Credit Transfer Committee may recognize the courses completed less than 10 years ago without asking for the opinion of the course director, based on the certificate of completion, if the number of credits and the last three digits of the course codes are identical, or if the Credit Transfer Committee had accepted a declaration about the compliance. Courses completed more than 10 years ago at the UPMS can be accepted through the ordinary credit transfer procedure.



- (4) For students admitted through the contract between the UPMS and Bjørknes College:
 - a. the courses listed in the contract are accepted without an individual application or recommendation of the course director, the Credit Transfer Committee accepts the courses based on the certificates of completions submitted as part of the admission procedure
 - b. the courses not listed in the contract must be evaluated through a regular credit transfer procedure (course director's opinion) in order to be accepted.
- (5) Students who completed a summer course at the UPMS do not need to apply individually. The grouped acceptance of courses is initiated by the organizing institute and the Credit Transfer Committee accepts the courses automatically and makes the resolutions.
- (6) Students completing practices in Hungarian or foreign teaching hospitals of the UPMS do not need to apply, this type of practice is equivalent to studies completed at the UPMS.
- (7) Students who completed courses as visiting students at other higher education institute(s) shall apply for the preliminary decision of the Credit Transfer Committee and submit the request at least 15 workdays before the beginning of their visiting student status. Following the submission of the certificate of completion the CTC shall make a new resolution on the credit transfer (see Article 19 of the CSE). Students accepted through international agreements (e.g. ERASMUS) do not need to start the preliminary procedure, it is supplemented by the acceptance to the program.
- (8) Students who would like to know which courses they could be exempt from after transferring or being admitted at the UPMS may apply for preliminary decision according to Article 55/A of CSE. The preliminary procedure is identical with the ordinary credit transfer process.
- (9) Postgraduate students who have obtained their degree less than 10 years ago may apply for the recognition of their studies without requesting an opinion from the course director, based on the certificate of completion by the Credit Transfer Committee.

Article 3. Deadlines

- Article 54 (4) of CSE; Annex 2 Article 1 (8) of CSE -

- (1) Students must submit their **complete** applications at latest 30 days before the instruction period (January 01 and August 01).
- (2) The Credit Transfer Committee must make the decision on the submitted subjects within 30 days from the submission of the applications. Following the decision the CTS shall have 30 days to notify the student about the result of the credit transfer.



Article 4. Documents to be submitted
- Article 9 (3), Article 18 (7) of CSE -

- (1) Students have to submit the following documents to apply for credit transfer:
- a. Gradebook or its official copy or a transcript issued by the higher education institute, stamped and signed on each page.
 - b. Official syllabus issued by the Registrar's Office or the competent institute of the subject
 - i. from the academic year when the student took a successful exam in the subject;
 - ii. indicating the hours and codes of the subjects, the proportion of the hours of lectures and practices and the type of exam;
 - iii. about the subjects that are recognizable in the transcript (eg. based on the code).
 - c. If the Registrar's Office keeps original, relevant descriptions of the courses to be credited based on which the application can be decided, it may dispense with the request for original course descriptions. If the courses to be credited have been completed at the University of Pécs Medical School, the Registrar's Office may dispense with the request for the original transcript.
 - d. Application Form summarizing the courses to be credited and Opinion Forms fully completed for the given subjects (see Recognition of previous studies (credit transfer) menu on the website of the Registrar's Office: <http://aok.pte.hu/en/egyseg/almenu/570/300>)
 - e. Receipt of payment of the process fee - in case of studies pursued at a foreign higher education institute.
 - f. In case of students transferring from another Hungarian higher education institute the delegating institute's recommended curriculum.
 - g. In case of transfer students, re-admitted students and students changing their recommended curriculum the recommended curriculum they would like to be attached to, indicating the courses and pre-requisites completed (to be accepted).
- (2) Documents shall be **submitted exclusively in the Registrar's Office**. Documents handed in to course directors by the students shall not be taken into consideration by the Credit Transfer Committee during the procedure.
- (3) Documents shall be submitted in English, German or Hungarian language. Documents in other languages must be submitted in official translation along with the original.
- (4) Contact details of a competent person with English, German or Hungarian language knowledge at the higher education institute of earlier studies - who may be contacted by the Registrar's Office - must be indicated on the course description (name, work e-mail address, phone number).



(5) In case the subject to be credited has already been transferred from another higher education institute, the above documents must refer to the course completed originally.

(6) Further formal requirements of accepting a subject:

- a) the subject to be accepted must contain the same number of practices and lectures as the subject to be exempted from (according to Article 1 (7) of Annex 2 of the CSE) and
- b) the form and content of the practices shall be identical with the subject to be accepted.

Article 5. Process fee

- Code of Charges and Benefits, Annex 1, lines 59, 67 -

- (1) Annex 1 of this code contains the procedural fees and the charge-free procedures based on the type of the previous studies.

Article 6. Examination in the Registrar's Office

- (1) The co-worker of the Registrar's Office examines the documents within 8 days and asks for resubmission of incomplete applications by email on the e-mail address provided by the student, indicating the deficiencies, setting a deadline of 10 days.
- (2) Incompleteness also involves missing or ambiguous data. (e.g.: year of completion, number of contact hours missing from the course description.)
- (3) If the application does not meet the above formal requirements or if the student does not submit the missing documents within 10 days, the request shall be rejected without decision on the merits referring to the formal incompleteness.
- (4) The Registrar's Office must forward the applications meeting the formal requirements to the course director for an expert opinion in case the type of procedure requires an expert opinion.



Article 7. Examination by the course director

- Article 9 (5) of CSE -

- (1) The Credit Transfer Committee shall make the decision based on the student's written application, the relating laws and the university regulations and ask for the expert opinion of the competent course director of the subject indicated in the application.
- (2) The course director examines the topics, the number and proportion of lectures and practices and the form of assessment. The course director indicates on the Opinion Form whether the study material of the subject to be credited with a sufficient number of contact hours is identical with that of the subject to be accepted in at least 75% and whether the acceptance of the subject may be recommended to the Credit Transfer Committee for this reason. The form with the expert opinion, signature and seal shall be forwarded to the Registrar's Office by return of post, but at latest within 15 working days **by internal post**.
- (3) The Registrar's Office forwards the Opinion Form coming from the course director to the Credit Transfer Committee.
- (4) In case the course director does not send the signed Opinion Form back to the Registrar's Office within the given deadline, the Credit Transfer Committee shall make the decision without knowing the course director's opinion.

Article 8. Procedural rules of the Credit Transfer Committee

- Article 9 of CSE; Annex 10 of CSE -

- (1) The Credit Transfer Committee proceeds according to the provisions of the CSE and the regulations of this Code.
- (2) The Credit Transfer Committee rejects the application
 - a) if the documents submitted do not hold information necessary for the decision-making;
 - b) if the course was completed online, does not meet university standards or was not completed successfully;
 - c) if the student completed the course more than 10 years ago, outside the ECTS system and cannot prove that he/she has actively used the acquired knowledge since then. (e.g. by a certificate about employment in medical field)(see Article 54 (4) of CSE)
 - d) if the student does not submit the documents called *Physikumszeugnis* and *Unbedenklichkeitsbescheinigung* in case of previous studies completed in Germany.
 - e) if the course director does not recommend the acceptance for professional reasons.



- (3) The Credit Transfer Committee asks for the course director's expert opinion and takes it into consideration, but may make a decision in contrary to the expert opinion.
- (4) Upon request the original copies of documents submitted shall be sent or given back to the student after the procedure.

Article 9. Resolution on credit transfer

- Article 7 (2) Annex 10 of CSE –

- (1) The Credit Transfer Committee accepts or rejects the application by adopting a resolution signed by the Head of Committee.
- (2) In addition to the compulsory elements described in CSE the resolution holds the following information:
 - a. Code of accepted and rejected subjects
 - b. Title of accepted and rejected subjects
 - c. Number of credit points granted - by subject and in total
 - d. Grade granted - in case of subjects completed at a Hungarian higher education institute.

Article 10. Recording credit points in the Electronic Educational System

- Article 54 (2) of CSE -

- (1) The co-worker of the Registrar's Office shall register the accepted credit points in the Electronic Educational System (hereinafter: ES) within 5 workdays from the meeting of the Credit Transfer Committee. Following this the student can register the subjects that require the accepted subject as prerequisite.
- (2) In case the grade provided by the student is not identical with the effective Hungarian grading system the completion shall be recorded with "Exempted without grade" entry.
- (3) If the student does not pay the procedural fee during the period of the process the co-worker of the Registrar's Office does not record the completion in the ES until the receipt of payment is submitted. In case the student does not fulfil the payment obligations even within two weeks following the acceptance, the Central Registrar's Office shall impose the debt of the procedural fee upon request of the Registrar's Office.
- (4) If the student has not completed the prerequisites of the subject accepted at the time of the acceptance, the credit points granted shall only be recorded in the ES if the student submits a written request after



the completion of prerequisites, even if the student has completed it at the UPMS. The student shall hold the responsibility to notify the Registrar's Office about the completion of the prerequisite.

- (5) If the student registered the subject to be accepted in the semester of the credit transfer procedure (as subject course or exam course), he/she shall have the possibility to drop the subject by submitting the late course dropping request form and showing the credit transfer resolution at latest until the end of the instruction period or until a completion was recorded for him/her in the given subject in the ES (grade, end-of-semester signature, blocked, etc.) The student shall hold the responsibility to submit the late course dropping request to the Registrar's Office. In the lack of the request the co-workers of the Registrar's Office cannot delete the subject from the student's registered subject that is accepted with credit transfer procedure in the given semester in the ES.

Article 11. Recognition of other completions

- Article 56 (1) of the CSE -

- (1) Physical Education completed at any Faculty of the UP may be accepted by the Credit Transfer Committee without requesting an opinion from the course director, based on the certificate of completion.
- (2) The study material of the "Ausbildung zum Rettungsassistenten" and "Ausbildung zum Rettungssanitäter" trainings announced by German laws is identical in at least 75 % with the study material of the Erste Hilfe (ODR-ELS) subject in the Allgemeine Humanmedizin major of the UPMS. For students in the German language training programme of the UPMS who can officially certify the completion of the above trainings the Credit Transfer Committee shall accept the Erste Hilfe (ODR-ELS) subject without asking for the course director's expert opinion after the submission of the applications.
- (3) The study material of the "Gesundheits- und Krankenpfleger/in" training announced by German laws is identical in at least 75 % with the study material of the Pflegepraktikum (ODR-APG) and Pflegepraktikum-Theorie (ODR-API) subjects in the Allgemeine Humanmedizin major of the UPMS. For students in the German language training programme of the UPMS who can officially certify the completion of the above training the Credit Transfer Committee shall accept the Pflegepraktikum (ODR-APG) and Pflegepraktikum-Theorie (ODR-API) subjects without asking for the course director's expert opinion after the submission of the applications, provided that the student completed every exam-part.



- (4) For students in the Hungarian language General Medicine training programme of the UPMS who can officially certify the completion of the level B2 (intermediate) and level C1 (advanced) certificates in the Standem state-recognized medical and health sciences proficiency language examination, the Credit Transfer Committee shall accept the Final Exam in Medical English – written (OOR-AZV-1) and Final Exam in Medical English – oral (OOR-AZV-S) subjects and for students in the Hungarian language Dentistry training programme Final Exam in Medical English – written (OFR-AZV-1) and Final Exam in Medical English – oral (OFR-AZV-S) subjects without asking for the course director's expert opinion after the submission of the applications.

Article 12. Recognition of technical credits

- Article 56 (1) of the CSE

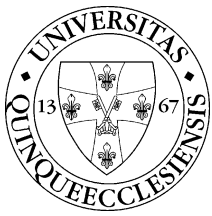
- (1) The student can request the recognition of the achieved study results even in case the subject to be credited cannot be assigned to any of the subjects in the training programme of the students. If the CTC approves the recognition the accepted subject will be recorded as technical credit in the ES in the form of an elective or optional so called virtual subject without any given study material or pre-determined credit value.

A. Virtual subject can be accepted according to the following:

- a) Up to 50 % of the credits to be completed in the elective subjects (determined in the student's curriculum) or 100 % of the credits to be completed in the optional subjects in case of transferring credits from another undivided training of the UPMS.
- b) Up to 33 % of the credits to be completed in the elective subjects (determined in the student's curriculum) or 100 % of the credits to be completed in the optional subjects in case of transferring credits from higher educational medical studies completed in another institution.
- c) Up to 100 % of the credits to be completed in the optional subjects in case of transferring credits from higher educational studies completed in another institutions.

B. The number of the so-called technical credits that may be recognized for the acquired knowledge is decided by the Credit Transfer Committee based on the individual request.

- (2) The student can request to recognize the nursing work pursued during his/her university studies as optional technical credits or the routine acquired during paramedic work – based on what the student indicated on the request - as elective or optional technical credits.



1. The conditions of accepting subjects are the following:
 - a. One credit can be gained for the completion of at least 30 hours, up to 2 credit points. The student can request it in two semesters during his/her studies (up to 4 credits).
 - b. The student shall submit the "Request for Technical Credit" form. The practice place/workplace shall certify the completed working hours and evaluates the student's work and offers a practical grade. Without an offered grade the completion shall be recorded with "Exempted without grade" entry.
 - c. Credit can be given for the completion of a given knowledge material only once. (see Article 54 (2) of the CSE)
2. The Head of the Committee indicates the acceptance or rejection of the request with his/her signature on the form.

Article 13. Credit transfer for ERASMUS visiting students

- (1) Students pursuing studies abroad in the frame of the Erasmus program shall initiate a preliminary credit transfer procedure for the subjects to be completed before commencing their studies (see Article 55/A of the CSE).
- (2) The conditions for accepting the previously completed subject based on the course director's decision are the following:
 - a. If the study material of the subject to be credited with a sufficient number of contact hours is identical with that of the subject to be accepted in at least 75% , the course director may decide in the scope of his/her own authority about the equivalency examination.
 - b. If the study material of the subject to be credited with a sufficient number of contact hours is identical with that of the subject to be accepted in at least 50% , but does not reach 75 % , the student is obliged to take the equivalency examination in the given subject.
- (3) The organization and the conduction of the equivalency examination is the course director's duty.

Effective: from June 27, 2017

dr. Judit Horváth

Head of the Credit Transfer Committee

**Annex 1.**

Previous studies to be recognized	Procedural fee per subject to be accepted
Previous studies completed at another Hungarian higher educational institution.	free of charge
Previous studies completed at a foreign higher educational institution.	7.000 HUF
Studies completed within the framework of international agreement (eg. Erasmus) as a student of UPMS.	free of charge
Subjects completed within the framework of the Bjørknes program .	free of charge
Studies completed in the framework of the summer courses organized by UPMS .	free of charge
Studies completed at other higher educational institutions as visiting students from UPMS .	free of charge
Previous studies completed within UPMS in the framework of student's legal status.	free of charge
The costs of preliminary credit transfer procedures (Article 55/A of the CSE) are the same as those of ordinary procedures listed above.	

Costs of credit transfer procedures based on the type of previous studies



Annex 2.

Declaration

In order to simplify the procedure of transferring credits between the curricula within the Faculty the Credit Transfer Committee of the UPMS shall declare the following.

For students who changed their study programme within the same major with the permission of the Educational Committee (e.g. they have to follow the curriculum of General Medicine 2010 instead of General Medicine 2012) the Credit Transfer Committee shall accept the subjects listed below as identical

- within 10 years from the successful examination, in case the student completed the requirements of the final examination of the subject Orvosi Biokémia/Medical Biochemistry/Biochemie für Mediziner
- after 10 years in case the student can dependably prove that he/she has actively used the acquired knowledge since then. (e.g. working in the field related to his/her studies)

Reasoning

The topics and examination requirements of the subjects listed below were changed in phasing-out system at the majors of General Medicine and Dentistry from the academic year of 2012/13, thus the subjects below cannot be accepted through the regular credit transfer procedure as identical. (For lack of equivalence in at least 75% according to the course director's opinion.)

As the non-acceptance of the knowledge obtained at the same major is unreasonable and would obstruct the progress of studies, the Credit Transfer Committee made the decision above according to Articles 16 (2) and 54 (2) of the Code of Studies and Examinations (Annex 5 of the Statutes of the UPMS).

Általános orvos szak, Fogorvos szak	
Subject completed	Subject to be exempt from
Orvosi kémia alapjai *	Orvosi kémia alapjai
Orvosi kémia 1	Orvosi kémia
Orvosi kémia 2	Bevezetés a biokémiába
Biokémia 1	Biokémia
Biokémia 2	Orvosi biokémia

General Medicine, Dentistry	
Subject completed	Subject to be exempt from
General Chemistry*	General Chemistry
Medical Chemistry 1	Medical Chemistry
Medical Chemistry 2	Introduction to Biochemistry
Biochemistry 1	Biochemistry
Biochemistry 2	Medical Biochemistry

Allgemeine Humanmedizin, Zahnmedizin	
Subject completed	Subject to be exempt from
Basiswissen Chemie*	Basiswissen Chemie
Chemie für Mediziner 1	Chemie für Mediziner
Chemie für Mediziner 2	Einführung in die Biochemie
Biochemie 1	Biochemie
Biochemie 2	Biochemie für Mediziner

*At the curricula of 2010 or before the title of the course is **Orvosi kémia 1/Medical Chemistry 1/ Chemie für Mediziner 1**.



Annex 3.

Reg.No.: PTE/21054-2/2012
Adm.officer: Eszter Szubotics
Pécs, May 8, 2012

Declaration

The Credit Transfer Committee of the UPMS stipulates the recognition of „PROFEX” state-recognized professional language examination according to the following.

Based on the opinion No. PTE/21054-1/2012 of the course director the level B2 and C1 „PROFEX” language examinations for specific purposes in medicine and health sciences in English and German shall be accepted without the opinion of the course director and without further consideration. The examination above shall be accepted as the oral and written part of the criterion requirement „*Szaknyelvi szóbeli záróvizsga*”.

The Credit Transfer Committee shall issue a resolution about the recognition.

Dr. Judit Horváth

Head of Credit Transfer Committee

Annex 4.

Dr. Judit Horváth

Head of the Committee

Credit Transfer Committee of UPMS

Subject: *Expert opinion on the acceptance of the Erste Hilfe subject*

Reg. No.: PTE/24249-1/2015

Adm.officer: Szubotics Eszter

Pécs, March 23, 2015

Dear Credit Transfer Committee!

Hereby I declare that the study material of the “*Ausbildung zum Rettungsassistenten*” and “*Ausbildung zum Rettungssanitäter*” trainings announced by German laws is identical in at least 75 % with the study material of the *Erste Hilfe (ODR-ELS)* subject in the Allgemeine Humanmedizin major of the UPMS.

I suggest that for students in the German language training programme of the UPMS who can officially certify the completion of the above trainings the Credit Transfer Committee shall accept the *Erste Hilfe (ODR-ELS)* subject without asking for the course director's expert opinion after the submission of the applications.

This declaration is effective until withdrawal.

Prof. dr. Lajos Bogár
course director



Annex 5.

Dr. Judit Horváth
Head of the Committee
Credit Transfer Committee of UPMS
Subject: *Expert opinion on the acceptance of Pflegepraktikum and Pflegepraktikum-Theorie subjects*

Reg.No.: PTE/73579/2015
Adm. officer: Judit Klein
Pécs, November 18, 2015

Dear Credit Transfer Committee!

Hereby I declare that the study material of the “*Gesundheits- und Krankenpfleger/in*” training announced by German laws is identical in at least 75 % with the study material of the **Pflegepraktikum (ODR-APG)** and **Pflegepraktikum-Theorie (ODR-API)** subjects in the Allgemeine Humanmedizin major of the UPMS.

I suggest that for students in the German language training programme of the UPMS who can officially certify the completion of the above trainings the Credit Transfer Committee shall accept the **Pflegepraktikum (ODR-APG)** and **Pflegepraktikum-Theorie (ODR-API)** subjects without asking for the course director's expert opinion after the submission of the applications, provided that the student completed every exam-part.

This declaration is effective until withdrawal.

dr. András Oláh
course director

Annex 6.

Dr. Judit Horváth
Head of the Committee
Credit Transfer Committee of UPMS
Subject: *Expert opinion on the acceptance of the Standem language examination*

Reg.No.: 44/2016
Adm. officer: Nikolett Resch-
Várda
Pécs, August 8, 2016.

Dear Credit Transfer Committee!

Hereby I declare that the level B2 (intermediate) and level C1 (advanced) certificates in the Standem state-recognized medical and health sciences proficiency language examination sufficiently meet the criteria of the final exam in medical language as a criterion requirement in our Faculty's curricula.

I suggest that for students in the Hungarian language General Medicine training programme of the UPMS who can officially certify the completion of the above training the Credit Transfer Committee shall accept the **Final Exam in Medical English – written (OOR-AZV-1)** and **Final Exam in Medical English – oral (OOR-AZV-S)** subjects and for students in the Hungarian language Dentistry training programme **Final Exam in Medical**



English – written (OFR-AZV-1) and **Final Exam in Medical English – oral (OFR-AZV-S)** subjects without asking for the course director's expert opinion after the submission of the applications, provided that the student completed every exam-part.

This declaration is effective until withdrawal.

dr. Gábor Rébék-Nagy
course director



Annex 7.

Reg.No.: PTE/35338-1/2018

Adm.officer: Flóra Fülöp

Pécs, 2018

Declaration

Students in the Allgemeine Humanmedizin training programme financially supported by KV Sachsen may request the recognition of the Family Medicine summer practice organized in the framework of the agreement of the University of Pécs Medical School and the Technische Universität Dresden.

The „Summerschool – Familien Medizin” is a 12 x 45 minutes theoretical and practical training for which the participating students can request 1 credit point as a technical credit in the optional module (ODF-TCH) provided that they can certify the participation in the practice.

The subject shall be recorded automatically in the educational system as a virtual, so-called „technical credit” among the student’s recognized subjects without asking for expert opinion.

This declaration is effective until withdrawal.

Dr. Judit Horváth
Head of the Credit Transfer Committee

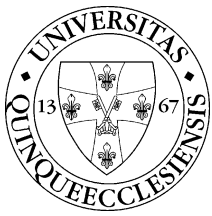


Request for the recognition of technical credit

A. Applicant's data	
Family name:	Last name:
Major: <input type="checkbox"/> General Medicine <input type="checkbox"/> Dentistry	Neptun code: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
B. Type of UPMS technical credit to be recognized	
<input type="checkbox"/> paramedic practice - elective/ optional Please underline your choice!	
<input type="checkbox"/> nursing work - optional	
C. Data of the workplace/practice place (to be filled out by the institution)	
Name of workplace/practice place:	
Address:	
Start of practice:	End of practice:
Type of practice: <input type="checkbox"/> paramedic <input type="checkbox"/> nursing	
Name of supervisor:	Position of supervisor:
Phone number:	E-mail:
Length of the practice (week/hour):	
Offered grade:	
Evaluation:	
Signature of supervisor:	Date/ Seal:

I declare under penalty of perjure that the above data are true.

Pécs, Signature:.....



D. Data of the technical subject (to be filled out by the Registrar's Office)					
Subject code	Full course title	Total number of hours	Credit	Type of exam	Grade
O____-TCH	Technical subject			practical grade	

E. Decision of the Credit Transfer Committee		
According to Article 11 (4) of the code of credit transfer procedures of the UPMS the request is		
<input type="checkbox"/> accepted	<input type="checkbox"/> rejected	
signature Head of the Credit Transfer Committee	Seal	date of decision
Student informed_	Recorded to ES:	