

# Transitional arrangements 2014-2015

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For AT students that enrolled before 2013

In accordance with the stipulations in the OER these transitional arrangements provide alternatives for the courses that will be discontinued due to the introduction of the TOM educational model. Parts of the arrangements described below are straightforward, but some have room for individual adaptation. In special cases the board of examiners may allow alternative solutions.

Regulations:

- 1) The first year after discontinuation of a course there will be two re-sits for the regular exams for courses without a lab work component.
- 2) For courses with a lab work component a substitute course will be provided.
- 3) This transitional arrangement is valid until 1 September 2015.
- 4) When the expected number of participating students is below 5, an individual program can be determined by the program director, validated by the Board of Examiners.
- 5) The number of credits for a course substitute course can deviate from the original course with the boundary condition that the requirement for a BSc diploma remains at least 180 EC.
- 6) For individual arrangements, approval of the board of examiners is required.
- 7) **B1 arrangements** Until 1 September 2014 the transitional arrangements published in September 2013 are in effect. After 1 September 2014 there will be no more re-sits for the B1 courses. These courses can be substituted according to the following course substitution table.
- 8) **Registration for replacements that are part of a module: please see point 10 below!**

Course old program	EC	Substitute 'Course'	EC	Remarks
Introduction to Engineering I	6	M1: Introduction to Engineering part	5	
Introduction to Engineering II	6	Self-study by student		
Introduction to Engineering III	5	M4: Dynamics + D1 Mathematics parts	7	Part of FMM is in D1; together 10 EC.
Materials Engineering I	5	M3: QM + MSP	5	
Materials Engineering II	5	M2: Thermodynamics	5	
Analysis of Technology in Society	3	M1: ATS part	2	
Laboratory Practice I	5	M2: Lab work part M3: Lab work part	2.5 2.5	
Laboratory Practice II (Instrumentation)	5	M4: Instrumentation	4	
Innovation and Entrepreneurship	5	M8: Individual program	5	
Fundamentals of Mathematical Methods	5	Math C1 + D1	6	Part of I2E III is in D1; together 10 EC.
Project I	5	M1: project	4	
Project II	5	M4: project	4	

- 9) **B2 arrangements** In the academic year 2014-2015 there will be two re-sits for exams of the B2 courses with regular written exams. For planning of the re-sits see the next point. For courses with lab work there will be substitute courses according to the substitution table below. In following years the details may change.

Course old program	EC	Substitute 'Course'	EC	Remarks
Engineering of Complex Systems I	5	M7: first part	6	If ECS II also has to be done, complete module 7
Engineering of Complex Systems II	5	M7: second part	6	If ECS I also has to be done, complete module 7
Mathematical Modelling	5	M5: Signals part	5	IF MM, DE and MPS have to be done, complete M5.
Production Technology	5	M8: System Engineering part	5	
Interfaces and Catalysis	5	None		Individual arrangement
Molecular & Cellular Biophysics	5	None		Individual arrangement
Differential Equations	5	M5: Finite Element Method + small project	3	If MM, DE and MPS have to be done, complete M5.
Modelling of Physics Systems	5	M5: Modelling part	5	If MM, DE and MPS have to be done, complete M5.
Vibrations & Waves	5	None		Vibrations is part of WB-M5 <sup>1</sup>
Basic Chemistry	5	M3: Molecular Structure and Spectroscopy	5	
Long Term Development of Science and Technology	5	None		Individual arrangement
Electronic Basic circuits and functions	5	None		Individual arrangement
Project III – Lab on a Chip	5	None		Individual arrangement
Project IV – Startrix	5	M8: Individual program	5	

### IMPORTANT

- 10) **Registration for replacement courses that are part of a module** – due to changes in the administrative process, a student that only does part of a module as a 'substitute course' according to the above transitional arrangement should NOT register in the module. Instead you should mail your intention to [BOZ-AT@utwente.nl](mailto:BOZ-AT@utwente.nl). Include the name and course code of the old program and the name and course code of the module in your mail. BOZ will then register you with the correct course and will also add you manually to the Bb site of the module so you have access to the relevant study information and materials. The result will not be registered in Osiris under the module but under the the replacement course.

<sup>1</sup> In 2014/2015 the regular students already took Vibrations and Waves in their 2<sup>nd</sup> year. For them there will be a follow-up of the vibrations course. In later years the vibrations part will correspond more to the original 2nd year subject.

**11) B2 planning of re-sits for cancelled courses.** Dates will be published in the B2 schedule. These re-sits will only be offered in 2014/2015. They are primarily meant for students who followed the course previously and only need some additional self-study and a re-sit to pass. Some of the courses have become part of new modules. In these cases it may also be possible to take the course as part of the module. Check with the study advisor for the best solution in relation to your planning.

Course	Remark	Q1	Q2	Q3	Q4
ECS 1	oral (part of M7)	Individual appointment			
Mathematical Modelling			x	x	
Modelling of Physical Systems	Parallel to M5 tests and retests	x			
ElBasFun			x	x	
Interfaces and Catalysis	(Part of M6)		x	x	
Production Technology			x	x	
ECS 2	oral (part of M7)	Individual appointment			
Differential Equations				x	x
Long Term Development	Assignments	Individual appointment			
Basic Chemistry	Only if practicum passed			x	x
Vibrations and Waves		vib	vib wav	wav	
Molecular and Cellular Biophysics				x	x

\* Please note that due to several boundary conditions not all re-sits are in the same quartile as the original exams!

**12) B3 planning of re-sits for cancelled courses.** Dates will be published in the B3 schedule. These re-sits will only be offered in 2014/2015. They are meant for students who followed the course previously and only need some additional self-study and a re-sit to pass. Check with the study advisor for the best solution in relation to your planning. The best choice will depend strongly on your preferred planning!

Course	Remark	Q1	Q2	Q3	Q4
Manufacturing Systems		Individual arrangement			
Systems and Control for Mechatronics		x	x		
Finite Element Method for AT		x	x		
System Engineering	M8 individual arrangement Q4				