

Transitional measures 2021-2022

Beneath you will find an overview of transitional measures that are implemented in the academic year of 2021-2022 per educational MSc programme as a result of significant change in that programme considering specific courses. Courses from the academic year 2020-2021 that have either no changes or have no changes significantly enough that a transitional measure is required, aren't mentioned here and are still being taught.

Reading left to right, you will first find the course that was provided in the academic year of 2020-2021 followed by the course that replaced it along with the number of credits. If there is no replacement course for the academic year 2021-2022, it is indicated by a '-' on the place where the new course would be named. Under the column 'Remarks' all information regarding a transitional measure is summed up (e.g. possible retake opportunities, the term of which gained results are still considered valid, and who to contact).

Cross domain - City of the Future				
Programme 2020-2021	Credits	Programme 2021-2022	Credits	Remarks
AR3CS010	3	-		Students who didn't pass the 2020-2021 course AR3CS010, AR3CS020, and/or AR3CS080, will get two retake opportunities. Contact Roberto Cavallo (R.Cavallo@tudelft.nl), for more information. These will need to take place before the end of the 4 th quarter of the academic year of 2021-2022.
AR3CS020	6	AR3CS021	5	
AR3CS080	15	AR3CS081	20	
				Students who did pass the 2020-2021 course AR3CS010, AR3CS020, and/or AR3CS080 can finish their graduation year until the 31 st of January 2024. If students don't graduate before that date, or didn't pass their P2 before the academic year 2021-2022, they'll have to do the new City of the Future programme (AR3CS021 and AR3CS081). The resulting excess of 1 EC can be compensated with the elective part of the study programme. Please take into account that students need to pass their P4 within a year of the date that they've passed their P2.

MSc Geomatics				
Programme 2020-2021	Credits	Programme 2021-2022	Credits	Remarks
GEO2010	15	GEO2011	10	Students who pass the 2020-2021 course GEO2010 can finish their graduation year until the 31 st of January 2024. If students don't graduate before that date, they'll have to do the new 2021-2022 course GEO2011. The excess amount of EC can be compensated with the elective part of the study programme. Please take into account that students need to pass their P4 within a year of the date that they've passed their P2.

				<p>Students who were enrolled for the MSc Geomatics before September 1st 2020, are able to take the 2020-2021 course GEO2010 until January 1st 2023. For specifics, contact Bastiaan van Loenen (B.vanLoenen@tudelft.nl). After that, students who didn't pass GEO2010, need to take the new 2021-2022 course GEO2011. The missing amount of 5 EC in the study programma can be compensated in the elective part of the study programma.</p> <p>Students who are enrolled for the MSc Geomatics and starting their studies in the academic year of 2021-2022 and on, will have to take the new 2021-2022 course GEO2011.</p>
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Honours Programme Bachelor				
Programme 2020-2021	Credits	Programme 2021-2022	Credits	Remarks
BK9140HPB	3	-		Students who didn't pass these 2020-2021 Honours Programme Bachelor course will be provided with two retakes opportunities. Please contact the respective course coordinator(s) for more information. If students didn't pass these courses despite of two retake opportunities or by the end of the academic year of 2021-2022, students need to choose different HPB courses.
BK9054HPB	4	-		
BK9056HPB	6	-		
BK9027HPB	6	-		

Management in the Built Environment				
Programme 2020-2021	Credits	Programme 2021-2022	Credits	Remarks
<i>Courses which were not taken or not passed</i>		<i>Replacement courses</i>		
AR1R016 Design and Construction Management	7	AR1MBE020 Design and Construction Management	10	<p>Students who didn't complete the 2020-2021 course of Design and Construction Management because they only failed the exam part of the course assessment, can take the exam of the 2021-2022 course of Design and Construction Management and can in that way still complete the 2020-2021 course and receive the 7 EC.</p> <p>Students who didn't complete the 2020-2021 course of Design and Construction Management because they failed more than the exam part need to do the new 2021-2022 course of Design and</p>

				Construction Management. The surplus of EC can be compensated in the elective part of the programme.
AR1R055 Research Methods Introduction	3	AR1MBE015 Research Methods 1	5	Students must complete Research Methods 1. The surplus of credits can be used as electives.
AR1MBE010 Management and Finance	6	AR1MBE025 Building Economics	5	AR1MBE010 Management and Finance consisted of three parts: Management (3 ec), Ethics (1 ec) and Finance (2 ec). The grades for these three parts expire as follows: - the grades for the Management and Finance parts are only valid in the academic year in which the student achieves the result. The grades for these exams can't be carried over to another year. This means that if a student fails to pass the course in an academic year, both components need to be reassessed the next academic year. - the Ethics essay grade, on the other hand, is valid for two academic years. Students who did not complete the Management part of AR1MBE010, will be examined through an oral exam based on the course content 2020-2021. Students who did not complete the Ethics part of AR1MBE010, will be given an individual assignment. Students who did not complete the Finance part of AR1MBE010, must complete the Finance part of the Building Economics course.
AR1R025 Real Estate Management	7	AR1MBE030 Real Estate Management	10	The exam of AR1R025 consisted of an individual theory exam (60%) and a group assignment (40%). In case of a re-examination of one part during academic year 2020-2021, the grade of 5 or higher of the other part will be retained and recombined with the grade of the re-examination in the academic year 2021-2022 of the failed part. For re-examinations across the academic years, the course coordinator of Real Estate Management decides whether parts can be retained and recombined or not. Students who did not pass the full AR1R025 must complete the (new) Real Estate Management course. The surplus of credits can be used as electives.
AR1R035 Housing Policy	7	-		Students must complete the new 2021-2022 course of Real Estate Management (REM). If they completed REM in 2020-2021, they will be given an individual assignment
AR2R036 Redesign	10	AR2MBE015 Redesign of Complex Projects	10	Students must complete Redesign
AR2MBE010 Building Law and Real Estate Economics	6	AR2MBE011 Building Law AR1MBE025 Building Economics	5 5	Students must complete Building Law and Building Economics (total 10 ec). The surplus of credits can be used as electives. Note that Building Economics consists of two parts. Therefore, students who have completed AR1MBE010 Management and Finance in 2020-2021 only need to do the part of Building

				Economics that was not included in AR1MBE010 Management and Finance.
AR2R025 Urban Redevelopment Game	10	AR2MBE025 Urban and Infrastructure (Re)development Game	10	Students must complete Urban and Infrastructure Redevelopment Game
AR2MBE020 Building Information Management	4	AR2MBE021 Building Information Management	5	Students must complete Building Information Management. The surplus of credits can be used as electives
AR3R057 Case Study Methods	3	AR3MBE010 Research Methods 2 – Case Studies	5	Students must complete Research Methods 2 – choice Case Studies. Since students had to choose two methods courses (6 ec) in 2020-2021 and one course (5 ec) in 2021-2022, they need to take 1 ec extra as elective to compensate if they have a deficit (< 120 ec in total) .
AR3R058 Operations Research Methods	3	AR3MBE010 Research Methods 2 – Operations Research	5	Students must complete Research Methods 2 – choice Operations Research. Since students had to choose two methods courses (6 ec) in 2020-2021 and one course (5 ec) in 2021-2022, they need to take 1 ec extra as elective to compensate if they have a deficit (< 120 ec in total) .
AR3R059 Applied Statistics	3	AR3MBE010 Research Methods 2 – Applied Statistics	5	Students must complete Research Methods 2 – choice Applied Statistics. Since students had to choose two methods courses (6 ec) in 2020-2021 and one course (5 ec) in 2021-2022, they need to take 1 ec extra as elective to compensate if they have a deficit (< 120 ec in total) .

Specific 2021-2022 MSc 1 programme for students who started with MSc 2 in 2020-2021 (and who passed all the MSc 2 courses)
(Management in the Built Environment)

Programme 2020-2021	Credits	Remarks
AR1MBE020 Design and Construction Management	10	
AR1MBE015 Research Methods 1	5	
AR1MBE030 Real Estate Management	10	
AR1MBE026 Building Economics: Finance and Financialization	3	These students have completed Building Law & Real Estate Economics (AR2MBE010) in 2020-2021 and do not need to take the overlapping Economics 2 ec part in the 2021-2022 course Building Economics. Instead they can follow the 2021-2022 course AR1MBE026 They need to take 2 ec extra as elective to compensate if they have a deficit (< 120 ec in total).

Urbanism

Programme 2020-2021	Credits	Programme 2021-2022	Credits	Remarks
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AR3U013	4	AR3U110	12	<p>There will be two retake opportunities for students who didn't pass the 2020-2021 courses AR3U013 and AR3U023. These will take place at the end of the 1st and at the end of the 2nd semester. Registering for these retakes is necessary via the track coordinator (K.P.M.Aalbers@tudelft.nl).</p> <p>Students who did pass the 2020-2021 courses AR3U013 and AR3U023 have the possibility to finish their graduation project until the 31st of January 2024. If students don't graduate before that date, they have to do the new 2021-2022 course AR3U110. The excess amount of 1 EC can be compensated with the elective part of the study programme. Please take into account that students need to pass their P4 within a year of the date that they've passed their P2.</p> <p>Students who didn't pass the 2020-2021 courses AR3U013 and/or AR3U023 and didn't pass their P2 before the end of the academic year 2021-2022, will have to do the new 2021-2022 courses Graduation Orientation AR3U105 and Graduation Exploration AR3U110. The possible extra earned amount of 4 or 8 EC can be used as compensation in the elective part of the study programme and these EC will be mentioned in the personal grade and EC overview.</p> <p>Students who didn't pass the 2020-2021 course AR3U023 and did pass their P2 before the end of the academic year 2021-2022, need to take the new 2021-2022 course AR3U120. The excess amount of 1 EC can be compensated with the elective part of the programme.</p>
AR3U023	4	AR3U120	5	
AR3U040	2	AR3U105	3	<p>Students who didn't pass the 2020-2021 course AR3U040 need to do the new 2021-2022 course AR3U105. The excess amount of 1 EC can be compensated with the elective part of the programme.</p> <p>Students who did pass the 2020-2021 courses AR3U040 have the possibility to finish their graduation project until the 31st of January 2024. If students don't graduate before that date, they have to do the new 2021-2022 course AR3U110. The excess amount of 1 EC can be compensated with the elective part of the study programme. Please take into account that students need to pass their P4 within a year of the date that they've passed their P2.</p>
AR3U100	20	AR3U115 AR3U120	15 5	<p>The regular assessment in the shape of the P2 assessment is in effect for this course. Students who didn't pass the 2020-2021 course AR3U100, will need to take the new 2021-2022 course AR3U115. The shortage of 5 EC that this brings about, need to be compensated by taking the new 2021-2022 course AR3U120.</p>

				<p>Students who did pass the 2020-2021 course AR3U100 (P2 result GO) can finish their graduation year until the 31st of January 2024. Please take into account that students need to pass their P4 within a year of the date that they've passed their P2. If students don't graduate before that date, they'll have to do the new 2021-2022 courses AR3U115 and AR3U120..</p> <p>Students who didn't pass the 2020-2021 course AR3U100 and didn't pass their P2 before the end of the academic year of 2021-2022, need to do the new 2021-2022 course AR3U115 and AR3U120 in combination with the new 2021-2022 courses AR3U110 and AR3U105.</p>
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Electives				
Programme 2020-2021	Credits	Programme 2021-2022	Credits	Remarks
AR0191	3	-		Students who didn't pass the 2020-2021 electives/projects, should do another elective/project.
AR0217	5	-		
AR0152	15	-		
AR0821	3	AR0169	5	Students who didn't pass the 2020-2021 electives/projects, should do another elective/project. For the sake of completeness, the 2020-2021 electives all received new coursecodes as a result of a change in the number of EC's. By separating these changes from the other changes, students know what courses to follow should they want to take them again if they haven't passed them already.
AR0400	3	AR0172	5	
AR0401	12	AR0173	10	
AR0086	12	AR0227	10	
AR0093	3	AR0228	5	
AR0074	3	AR0171	5	
AR0038	12	AR0195	10	
AR0039	3	AR0196	5	
AR0551	3	AR0168	5	
AR0103	15	-		

				then, they will need to choose a different studio or the new 2021-2022 course AR2AR015
AR0054	3	-	-	Students must complete an individual assignment (3 ec). Contact the course coordinator for specifics
AR0225	12	MSc 2 studio: Urban and Infrastructure (Re)development Game	15	Students must complete MSc 2 studio: Urban and Infrastructure (Re)development Game. Students who did not pass the exam in 2020-2021 can retake the exam in 2021-2022. This studio cannot be taken by MBE students as an elective.
GEO5011	5	GEO5016	10	Students who didn't pass the 2020-2021 course GEO5011, will have to select another course for their electives list. For more information, contact the education director of the MSc Geomatics (B.vanLoenen@tudelft.nl)