香港城市大學
City University of Hong Kong

Curriculum Information Record for Common Requirements

Department of Materials Science and Engineering
Effective from Semester A 2021/2022
For Students Admitted from Semester A 2021/2022 and thereafter

The information provided on this form is the official record of the common requirements, such as Gateway Education requirement, College/School requirement, and University Language requirements. It will be used for City University's database, various City University publications (including websites) and documentation for students and others as required.

In specifying the curriculum for the common requirements, "catalogue term" is used to determine the set of curriculum requirements that a student is following. By mapping the student record and the version of curriculum rules applicable, the graduation requirements of individual students will be evaluated accordingly. The catalogue term of the common requirements that students will follow will be the same as their admission term (BUS/04/A5R).

Prepared / Last Updated by

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Part I Gateway Education Requirement

(The catalogue term of the Gateway Education requirement that students will follow will be the same as their admission term.)

Curriculum Catalogue Term	Semester A 2019/20 onwards		
	Normative 4-year Degree	**Advanced Standing I** (Note 1)	**Advanced Standing II (Senior-year Entry)** (Note 2)
<u>University requirements</u>			
English			
• GE1401 University English	3 credit units	3 credit units	Not a compulsory requirement
• Discipline-specific English	3 credit units	3 credit units	3 credit units
GE1501 Chinese Civilisation – History and Philosophy	3 credit units	3 credit units	Not a compulsory requirement
<u>Distributional requirements</u> Area 1: Arts and Humanities Area 2: Study of Societies, Social and Business Organisations Area 3: Science and Technology	12 credit units *(At least one course from each of the three areas)*	6 credit units *(From two different areas)*	3 credit units
<u>College/School-specified courses ^</u>	9 credit units	6 credit units	6 credit units
Total	**30 credit units**	**21 credit units**	**12 credit units**

^ College/School-specified courses for fulfilling the Gateway Education requirement

Course Code	Course Title	Level	Credit Units	Remarks
Normative 4-year Degree				
MA1200/ MA1300	Calculus and Basic Linear Algebra I/ Enhanced Calculus and Linear Algebra I	B1	3	
MA1201/ MA1301	Calculus and Basic Linear Algebra II/ Enhanced Calculus and Linear Algebra II	B1	3	
MSE2066	Materials Engineers in Society	B2	3	

Advanced Standing I				
MA1201/ MA1301	Calculus and Basic Linear Algebra II/ Enhanced Calculus and Linear Algebra II	B1	3	
MSE2066	Materials Engineers in Society	B2	3	

Advanced Standing II (Senior-year Entry)				
MSE2066	Materials Engineers in Society	B2	3	
Any courses not within the Major Requirements (including core courses and electives)		B1/2/3/4	3	For students who failed the MA placement test and are required to complete the pre-requisite courses for their MA core course #, they are advised to take *MA1200 Calculus and Basic Linear Algebra I and/or MA1201 Calculus and Basic Linear Algebra II* to fulfil this requirement. # Please refer to the Curriculum Information Record (CIR) for your major and the Course Syllabus of the relevant MA courses for details.

Part II   College/School Requirement, if any
(The catalogue term of the College/School requirement that students will follow will be the same as their admission term.)

Course Code	Course Title	Level	Credit Units	Remarks
Normative 4-year Degree (6 credit units)				
Physics				
PHY1201	General Physics I	B1	3	
Chemistry				
CHEM1300	Principles of General Chemistry	B1	3	
Advanced Standing I (0 credit unit)				
College Requirements waived				
Advanced Standing II (Senior-year Entry) (0 credit unit)				
College Requirements waived				

Part III   English Language Requirement

Normative 4-year degree students and Advanced Standing I students who passed the 6 credit units of specified GE English courses and Advanced Standing II students who passed the 3 credit units of discipline-specific GE English course are recognized as fulfilling the University's English Language Requirement.

Students scoring below Level 4 in HKDSE English Language or Grade D in HKALE AS-level Use of English or students who do not possess an equivalent qualification are required to complete two 3-credit unit courses, LC0200A English for Academic Purposes 1 and LC0200B English for Academic Purposes 2, prior to taking the GE English courses. Students who demonstrate that they have achieved a grade B or above in their overall course results for LC0200A will achieve 3 credits and also be considered to have satisfied the pre-requisite for entry to the GE English courses without needing to take LC0200B. The credit units of LC0200A and LC0200B will not be counted towards the minimum credit units required for graduation and will not be included in the calculation of the cumulative grade point average (CGPA). However, they will be counted towards the maximum credit units permitted.

Part IV   Chinese Language Requirement

Students scoring below Level 4 in HKDSE Chinese Language, or below Grade D in HKALE AS-level Chinese Language and Culture will be required to complete a 3-credit unit course CHIN1001 University Chinese I. The 3 credit units will not be counted towards the minimum credit units required for graduation and will not be included in the calculation of the cumulative grade point average (CGPA). However, they will be counted towards the maximum credit units permitted.

In addition to the above requirement, Colleges/Schools also have the discretion to specify other Chinese language courses for their students, including students who do not possess the above qualifications (Senate/70/MM27-28 refers). Please indicate if there are such requirements.