

COMMITTEE ON UNDERGRADUATE STUDIES

Paper for: Discussion/Decision

Title: **New Courses and Major Course Changes**

Purpose: To approve proposals of introducing new courses and major course changes for implementation in Spring 2020-21 and beyond

Submitted by: Schools

Prepared by: CUS Secretariat

BACKGROUND

1. The Senate, at its 5th meeting held on 17 December 1991, delegated the authority to the CUS to approve new undergraduate courses with the proviso that approvals and disapprovals be reported to the Senate for information.

NEW COURSES AND MAJOR COURSE CHANGES

2. The CUS Secretariat has received 13 proposals for introducing new courses and making major changes to existing courses.

School	Course code	Title	
New Courses (<i>Appendix 1</i>)*			
SSCI	CHEM 2550 ⁽²⁾	Synthetic Chemistry Laboratory I	(2 credits)
	CHEM 2555 ⁽²⁾	Molecular Characterization Chemistry Laboratory I	(2 credits)
SENG	CIVL 4560 ⁽²⁾	Urban Hydroclimate and the Built Environment	(3 credits)
	COMP 2211 ⁽²⁾	Exploring Artificial Intelligence	(3 credits)
	ELEC 4210 ⁽¹⁾	Control System Design	(3 credits)
	ENEG 4210 ⁽¹⁾	Optimization of Energy Systems	(3 credits)
	ISDN 2601 ⁽²⁾	Internet of Things: From Component Skills to System Integration	(3 credits)
	ISDN 2602 ⁽³⁾	Mechatronic Systems Design with Embedded Computing	(3 credits)
	ISDN 3601 ⁽²⁾	Mechanics and Materials	(4 credits)
	ISDN 4330 ⁽²⁾	Ergonomics in Design	(2 credits)

Major Course Changes			
<i>(Appendix 2a - Changes made to catalog data)*</i>			
SENG	ISDN 4000 ⁽¹⁾	Special Topics	(1-3 credits)
	ISDN 3200 ⁽²⁾	Graphic Design	(2 credits)
<i>(Appendix 2b – Course to adopt blended learning mode)*#</i>			
SBM	ISOM 3260 ⁽²⁾	Database Design and Administration	(4 credits)

(1) to take effect in Spring 2020-21

(2) to take effect in Fall 2021-22

(3) to take effect in Spring 2021-22

* Starred items NOT to be discussed at the meeting, unless they are un-starred per members' request.

The proposal for adopting blended learning as the mode of delivery has been reviewed and endorsed by the Committee on Teaching and Learning Innovation (CTLI) under the Center for Education Innovation (CEI).

3. All proposals have been vetted by the CUS Secretariat and all starred items will be approved directly without further deliberation, unless members request to un-star the proposed course(s) for discussion. Details of the above new courses and major course changes are provided in Appendices 1 and 2 respectively. The appendices are available at <http://ugadmin.ust.hk/cus-documents/cus167/>.

ACTION SOUGHT

4. CUS is invited to consider, and approve as appropriate, (a) 10 new undergraduate courses and (b) major course changes for 3 courses for implementation in Spring 2020-21 and beyond as presented in Appendices 1 and 2 respectively.