Graduation requirements for Double Degree Programme

B.Eng. (CEG), BBA of AY2015 intake - CEG requirements only
Minimum MCs for B.Eng. (CEG) and BBA: 202

	Degree Requirements		MCs	MCs
A.	**University Level Requirements (ULR)**			**20**
	One General Education Module (GEM) from each of the five pillars:			
	Human Cultures – GEH1xxx	CA	4	
	Asking Questions – GEQ1xxx	CA	4	
	Quantitative Reasoning – GER1000	CA	4	
	Singapore Studies – GES1xxx	CA	4	
	Thinking and Expression – GET1021 Critical Thinking & Writing [GET1021 is a compulsory T&E pillar for Engrg students. Only students who passed UWC1201% or ES1501% may read another GEM under T&E pillar, in lieu of GET1021.]	CA	4	
B.	**School of Business - BBA Programme Requirements**			**60**
	For BBA requirements, please refer to: http://www.nus.edu.sg/prog/engbiz/overview.html	C2		
C.	**FoE & SoC - B.Eng. (CEG) Programme Requirements**			**94**
	Major Requirements:			
	CEG Core Modules:			
	CG1001 Introduction to Computer Engineering	C1	2	
	CG1108 Electrical Engineering	C1	4	
	CG2023 Signals & Systems	C1	4	
	CG2271 Real-time Operating Systems	C1	4	
	CG3207 Computer Architecture	C1	4	
	CS1010 Programming Methodology	C1	4	
	CS1020 Data Structures and Algorithms I	C1	4	
	CS1231 Discrete Structures	C1	4	
	CS2103/T Software Engineering	C1	4	
	EE2020 Digital Fundamentals	C1	5	
	EE2021 Devices & Circuits	C1	4	
	EE2024 Programming for Computer Interfaces	C1	5	
	EE3204 Computer Communication Networks I	C1	4	
	MA1506 Mathematics II	C1	4	
	PC1432 Physics IIE	C1	4	
	ST2334 Probability & Statistics	C1	4	
	CEG Core Projects: CG3002 Embedded Systems Design Project	C1	6	
	CG4001 B.Eng. Dissertation	C1	12	
	CEG Technical Electives: (a) Depth (D) requirements - at least 2 technical Depth electives from any concentration	C1	8	
	(b) Unrestricted - at least 1 technical Breadth/Depth elective from any concentration	C1	4	
D.	**Common Modules**			**28**
	Four Common Modules from B.Eng. and BBA: 16 MCs			
	CS2101 Effective Communication for Computing Professionals (or ES2002 / ES1501% / IEM2201%) Requirement is waived for USP students who passed UWC2101%. Any student who dropped out of USP will still be required to fulfil this requirement.	CA	4	
	MNO2007 Leadership and Ethics (replaces EG2401 Engineering Professionalism)	CA	4	

	MNO1001 Management and Organisation (replaces HR2002 Human Capital in Organizations)	CA	4	
	MA1505 Mathematics I (replaces DSC1007 Business Analytics – Models & Decisions)	CA	4	
	Three Common Modules from B.Eng. (CEG)/BBA: 12 MCs			
	EE3031 Innovation & Enterprise I	CA	4	
	Minimum one CEG technical elective from Table 1	CA	4	
	Minimum one BBA module from Table 1	CA	4	
E.	**Unrestricted Elective Requirements (UEM)** Exempted	-	-	EXE
	AY15 intake: TOTAL – B.Eng. (CEG), BBA			**202**

CA / C1 / C2 CLASSIFICATION:

The modules that DDP students take are counted towards the CAP in the following manner

1st Degree	Classified as **C1** in the database
2nd Degree	Classified as **C2** in the database
Both 1st and 2nd degrees	Classified as **CA** in the database

Additional modules taken will be counted towards C1, except for modules offered by the faculty of the student's second degree, which will be classified as C2.

Table 1: Common Modules in the B.Eng. (CEG) & BBA Double Degree programme

B.Eng. modules* **	**BBA modules*** **
EE3031 Innovation & Enterprise I - compulsory for B.Eng. (CEG) CS4244 Knowledge Based Systems (*anti-req : DSC3213 Strategic Information Sys*) IE2110 Operations Research I (*anti-req: DSC3214 Introduction to Optimization*) IE2130 Quality Engineering I	FIN3101 Corporate Finance FIN3102 Investment Analysis and Portfolio Management DSC3201 Supply Chain Management DCS3202 Purchasing & Materials Management DSC3212 Internet Business Models DSC3213 Strategic Information Systems DSC3214 Introduction to Optimization (anti- req: IE2110 Operations Research I) DSC3222L Dynamic Pricing and Revenue Management MNO3301 Organization Behavior BSP4511 Industry & Competitive Analysis DSC4211B/ DSC4213 Seminars in Ops & Supply Chain Management: Analytical Tools for Consulting DSC4211D/ DSC4212 SIOSCM: Managerial Decision Analysis

******* Subject to approval of student's host Department. This list may be updated by the Faculty of Engineering and School of Business acting in concert.

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Other relevant information:

CEG Technical Electives - http://www.ceg.nus.edu.sg/students/third_year.html

Faculty of Engineering - http://www.eng.nus.edu.sg/ugrad/SP_ddp.html

Registrar's Office - http://www.nus.edu.sg/registrar/edu/UG/spugp-double-degree.html