

Graduation requirements for Double Degree Programme

BEng (CEG), BBA (Hons) of AY2017 - AY2019 intakes - CEG requirements only
Minimum MCs for BEng (CEG) and BBA (Hons): 204

	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 – GEQ1000	CA	4	
	Quantitative Reasoning – GER1000	CA	4	
	Singapore Studies – GES1xxx	CA	4	
	Thinking and Expression – GET1xxx	CA	4	
B.	School of Business - BBA (Hons) Programme Requirements			74
	Please check with BBA office.	C2		
C.	FoE & SoC - BEng (CEG) Programme Requirements			90
	Major Requirements:			
	CEG Core Modules			
	CG1111 Engineering Principles and Practice I	C1	6	
	CG1112 Engineering Principles and Practice II	C1	6	
	CS1010 Programming Methodology	C1	4	
	CS1231 Discrete Structures	C1	4	
	MA1511 Engineering Calculus	C1	2	
	MA1512 Differential Equations for Engineering	C1	2	
	MA1508E Linear Algebra for Engineering	C1	4	
	CG2023 Signals & Systems	C1	4	
	CG2027 Transistor-level Digital Circuits	C1	2	
	CG2028 Computer Organization	C1	2	
	CG2271 Real-Time Operating Systems	C1	4	
	CS2040C Data Structures and Algorithms	C1	4	
	CS2113/T Software Engineering & Object-Oriented Programming	C1	4	
	EE2026 Digital Design	C1	4	
	EG2401A Engineering Professionalism	C1	2	
	ST2334 Probability & Statistics	C1	4	
	CG3207 Computer Architecture OR	C1	4	
	CS3230 Design and Analysis of Algorithms	C1	4	
	CG4002 Computer Engineering Capstone Project	C1	8	
	EE4204 Computer Networks	C1	4	
CEG Technical Electives				
- at least 12 MCs technical Depth electives from any concentration	C1	16		
- another 4 MCs technical Breadth/Depth electives from any concentration				
D.	Common Modules			20
	One common (core) module from BEng and BBA: 4 MCs			
	ES2002 Business Communication for Leaders or UWC2101% (USP) or ES1601 (RVRC)	CA	4	
	Four common (elective) modules from BEng (CEG)/BBA: 16 MCs			
	Minimum two CEG technical electives from Table 1	CA	8	
Minimum two BBA modules from Table 1	CA	8		
E.	Unrestricted Elective Requirements (UEM): Exempted	-	-	EXE
	Total for BEng (CEG), BBA (Hons)			204

C1 / C2 / CA CLASSIFICATION:

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

First / Primary degree	Classified as C1 in the database
Second / Secondary degree	Classified as C2 in the database
Both 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 BEng (CEG) & BBA Double Degree programme

BEng modules***	BBA modules***
CS4244 Knowledge Representation and Reasoning	FIN3701 Corporate Finance
EE3031 Innovation & Enterprise I	FIN3702 Investment Analysis and Portfolio Management
IE2110 Operations Research I (<i>anti-req: DBA3701</i>)	DOS3701 Supply Chain Management
IE2130 Quality Engineering I	DOS3702 Purchasing & Materials Management
MT4002 Technology Management Strategy	DOS3711 Strategic Information Systems
	DBA3701 Introduction to Optimization (anti- req: IE2110)
	DBA4811 Analytical Tools for Consulting

*** 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.

Other relevant information:

CEG Technical Electives - <https://ceg.nus.edu.sg/curriculum/electives-ay17/>

Faculty of Engineering - <https://www.eng.nus.edu.sg/undergraduate/double-degrees/double-degree-programme-in-engineering-business-administration/>

Registrar's Office - <http://www.nus.edu.sg/registrar/education-at-nus/undergraduate-education/special-undergraduate-programmes/double-degree-programmes.html>