

## **The University of Hong Kong (330 credits)**

### Global Engineering and Business Dual Degree Program

#### Year 1 (72 credits)

ENGG1300: Fundamental Mechanics  
ENGG1310: Electricity and Electronics  
ENGG1320: Engineers in the Modern World  
ENGG1330: Computer Programming I  
ENGG1350: Thermofluidic Mechanics  
MATH1851: Calculus and Ordinary Differential Equations  
MATH1853: Linear Algebra and Statistics  
ACCT1101: Introduction to Financial Accounting  
CAES1000: Core University English  
CCST9038: Science and Science Fiction  
CCHU9058: Nature in the City  
CCCH9006: China's Modernization in the East Asian Context

#### Year 2 (72 credits)

ENGG1340: Computer Programming II  
COMP2121: Discrete Mathematics  
COMP2119: Introduction to Data Structure and Algorithms  
ELEC2346: Electric Circuit Theory  
ELEC2441: Computer Organization and Microprocessors  
ELEC2844: Probabilistic Systems Analysis  
ELEC2840: Engineering Training  
ECON1210: Introductory Microeconomics  
ECON1220: Introductory Macroeconomics  
FINA1310: Corporate Finance  
IIMT2601: Management Information Systems  
CCGL9042: The Evolution of Civilization

#### Year 3 (60 credits)

COMP3230: Principles of Operating Systems  
COMP3297: Software Engineering  
COMP3278: Introduction to Database Management Systems

COMP3270: Artificial Intelligence

COMP3234: Computer and Communication Networks

ELEC3844: Engineering Management and Society

ELEC3249: Pattern Recognition and Machine Learning

ELEC3848: Integrated Design Project

ELEC3841: Internship Program

CENG9001: Practical Chinese for Engineering Students

FINA2320: Investment and Portfolio Analysis

#### Year 4 (66 credits)

COMP3360: Data-driven Computer Animation  
ELEC3342: Digital System Design  
ELEC3442: Embedded Systems  
ELEC4547: Emerging Technology for VR/AR  
ELEC4542: Introduction to Deep Learning for Computer Vision  
ELEC4848: Senior Design Project  
ACCT2105: Introduction to Management Accounting  
FINA2312: Advanced Corporate Finance  
FINA2350: Text Analytics and NLP in Finance and Fintech  
CAES9541: English for Engineering Students

#### Year 5 (60 credits)

CAES9920: Academic Communication for Business Students  
BUSI3801: Business Law  
IIMT3636: Decision and Risk Analysis  
ECON4200: Senior Seminar in Economics and Finance  
Global Course  
Global Course  
Finance Elective (FINA2390 Financial Programming)  
Finance Elective (FINA4359 Quantitative Finance)  
Finance Elective (FINA2330 Financial Markets)  
Elective Course (IIMT2641 Business Analytics)