

**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)