

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)

Georgia Institute of Technology

MSc in Computer Science (OMSCS Program)

CS6515 Introduction to Graduate Algorithms

CS6200 Introduction to Operating Systems

CS6491 Foundations of Computer Graphics

CS7641 Machine Learning

CS7646 Machine Learning for Trading

CS7643 Deep Learning

CS7496 Computer Animation

CSE6242 Data and Visual Analytics

ISYE6402 Time Series Analysis

MGT8813 Financial Modeling