**CPEG Curriculum Structure**

**Final Year Project (6) + Industrial Experience CPEG 1971 (0)**

**or Co-op Program CPEG 4910 (6)**

### Required & Electives

**62/63 Credits**

- **Semiconductors / VLSI Area**
  - Mobile App. Dev.
    - COMP 4521 (3)
  - Design & Analysis of CA
    - COMP 4611 (3)
  - Embedded System / Robotics
    - ELEC 2400 (4)
  - Operating Systems
    - COMP 3511 (3)
  - FPGA-based Design
    - ELEC 4320 (3)
  - Mobile Embedded System
    - ELEC 4330 (3)

- **Electro-Robot Area**
  - ELEC 1100 (4)
  - Intro. to COMP
    - COMP 4611 (3)
  - Intro. to OPP
    - COMP 4611 (3)

- **Communications Area**
  - Mobile App. Dev.
    - COMP 4521 (3)
  - Design & Analysis of CA
    - COMP 4611 (3)
  - Embedded System / Robotics
    - ELEC 2400 (4)
  - Operating Systems
    - COMP 3511 (3)
  - FPGA-based Design
    - ELEC 4320 (3)
  - Mobile Embedded System
    - ELEC 4330 (3)

- **Embedded System / Robotics Area**
  - Mobile App. Dev.
    - COMP 4521 (3)
  - Design & Analysis of CA
    - COMP 4611 (3)
  - Embedded System / Robotics
    - ELEC 2400 (4)
  - Operating Systems
    - COMP 3511 (3)
  - FPGA-based Design
    - ELEC 4320 (3)
  - Mobile Embedded System
    - ELEC 4330 (3)

- **Software / Database Area**
  - Mobile App. Dev.
    - COMP 4521 (3)
  - Design & Analysis of CA
    - COMP 4611 (3)
  - Embedded System / Robotics
    - ELEC 2400 (4)
  - Operating Systems
    - COMP 3511 (3)
  - FPGA-based Design
    - ELEC 4320 (3)
  - Mobile Embedded System
    - ELEC 4330 (3)

- **Systems / Networking Area**
  - Mobile App. Dev.
    - COMP 4521 (3)
  - Design & Analysis of CA
    - COMP 4611 (3)
  - Embedded System / Robotics
    - ELEC 2400 (4)
  - Operating Systems
    - COMP 3511 (3)
  - FPGA-based Design
    - ELEC 4320 (3)
  - Mobile Embedded System
    - ELEC 4330 (3)

- **Graphics / Multimedia Area**
  - Mobile App. Dev.
    - COMP 4521 (3)
  - Design & Analysis of CA
    - COMP 4611 (3)
  - Embedded System / Robotics
    - ELEC 2400 (4)
  - Operating Systems
    - COMP 3511 (3)
  - FPGA-based Design
    - ELEC 4320 (3)
  - Mobile Embedded System
    - ELEC 4330 (3)

### Total Credits

- **36 (U. Core)**
- **+ 27* + 62***
- **= 125 Credits**

* Students without Level 3 or above in HKDSE 1/2x OR in HKDSE 1x Physics are required to take PHYS 1001 first

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**Last Update: 20 Jun 2019**