## Bachelor of Engineering (Hons) Electronics Majoring in Computer

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### Electives

**Elective 1:**
- EIM4106 Optoelectronics and Optical Communications 3 EEM2016
- ECP4236 Parallel Processing & Programming 3 ECP1026
- ECP4196 Embedded System Design 3 ECP2216

**Elective 2:**
- ESM4076 Computer Graphics and Virtual Reality 3 ECP1016
- EEN4076 Power Electronics 3 EEN1026
- ECP4246 Advanced Object-oriented Design with Java 3 ECP1026, ECP2216

**Elective 3:**
- ECP3086 Multimedia Technology and Applications 3 ECP1016
- ECP3096 Compiler and Translator 3 ECP2216
- ECP4156 Software Engineering 3 ECP1026

### Arts and Humanities:
- MPW2133 Islamic Studies / Moral Studies 3
- MPW2113 Malaysian Studies 3
- PWK1013 Workplace Communications 3
- BCM2010 Contemporary Management and Entrepreneurship 4
- BHM3086 Law for Engineers 3
- **MPW2113/MPW2123: Bahasa Kebangsaan A/B/Foreign Language 3**
- **MPW2113/MPW2123: Foreign Language 3**
- BCH2006 Engineer and Society 3
- Co-Curriculum 2

*Total (139 credit hours): 15 3 15 15 6 15 15 6 15 16 5 13 139

*Elective subjects are subject to change by the faculty

**excluding arts & humanities

* Bahasa Kebangsaan A/B/Foreign Language

Malaysians who have fulfilled the Bahasa Malaysia requirement (either having passed Bahasa Malaysia with a credit at SPM level; or having passed the MPW2113 Bahasa Kebangsaan A during FOSIE/Diploma or other previous studies) shall be required to take a 3CH foreign language subject. They shall only take a foreign language course which is not their native language and they have no formal education in. International students are to choose a foreign language which is not their native language and which they have no formal education in but they are highly encouraged to take up MPW2123 - Bahasa Kebangsaan B.