**Faculty of Computing**

计算机学院

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| **BACHELOR OF COMPUTER SCIENCE (SOFTWARE ENGINEERING) WITH HONOURS**  计算机科学（软件工程）荣誉学士学位 | | | | | |
| Year 1第一学年 | | | | | |
| YEAR 1: SEMESTER 1 第一学期 | | | YEAR 1: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit**  学分 | **Code 代码** | **Course Name 课程名字** | **Credit**  学分 |
| SECI1013 | Discrete Structure  离散结构 | 3 | SECI1113 | Computational Mathematics  计算数学 | 3 |
| SECJ1013 | Programming Technique I  编程技术 I | 3 | SECl1143 | Probability & Statistical Data Analysis  概率与统计数据分析 | 3 |
| SECR1013 | Digital Logic  数字逻辑 | 3 | SECJ1023 | Programming Technique II  编程技术 II | 3 |
| SECP1513 | Technology & Information System  技术与信息系统 | 3 | SECR1033 | Computer Organisation and Architecture  计算机组织与结构 | 3 |
| ULRS1032 | Integrity and Anti – Corruption Course  廉政与反腐败课程 | 2 | SECD2613 | System Analysis and Design  系统分析与设计 | 3 |
|  |  |  | UHLM1012 | Malaysia Language for Communication 马来西亚交流语言 | 2 |

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| **Year 2 第二学年** | | | | | |
| YEAR 2: SEMESTER 1 第一学期 | | | YEAR 2: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| SECD2523 | Database  数据库 | 3 | SECV2223 | Web Programming  网络编程 | 3 |
| SECJ2203 | Software Engineering  软件工程 | 3 | SECR2043 | Operating Systems  操作系统 | 3 |
| SECJ2013 | Data Structure and Algorithm  数据结构与算法 | 3 | SECJ2154 | Object Oriented Programming  面向对象编程 | 4 |
| SECR2213 | Network Communications  网络通信 | 3 | UHLB2122 | Professional Communication Skills 1\*\*\*  专业交流技能 1\*\*\* | 2 |
| SECV2113 | Human Computer Interaction  人机交互 | 3 | UHIS1022 | Philosophy and Current Issues  哲学与时事 | 2 |
| UKQF2xx2 | Service Learning and Community Engagement Courses  服务学习与社区参与课程 | 2 | SECJ2253 | Requirements Engineering & Software Modelling¹  需求工程与软件建模¹ | 3 |
|  |  |  | SECJ2363 | Software Project Management¹  软件项目管理¹ | 3 |
|  |  |  | ¹Elective Courses - Choose 1 (3 Credits)  ¹选修课 - 选1门（3学分） | | |

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| **Year 3 第三学年** | | | | | | |
| YEAR 3: SEMESTER 1 第一学期 | | | | YEAR 3: SEMESTER 2 第二学期 | | |
| **Code 代码** | | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| UHLx1122 | Foreign Language Communication Elective  外语交流选修课 | 2 | SECJ30323 | Software Engineering Project I  软件工程项目 I | 2 |
| UHLB3132 | Professional Communication Skills 2  专业交流技巧 2 | 2 | Sxxxxxx3 | University Free Electives\*  大学自由选修课\* | 3 |
| SECJ3104 | Applications Development¹  应用开发¹ | 4 | ULRS3032 | Entrepreneurship and Innovation  创业与创新 | 2 |
| SECJ3553 | Artificial Intelligence¹  人工智能¹ | 3 | SECJ3343 | Software Quality Assurance¹  软件质量保证¹ | 3 |
| SECJ3303 | Internet Programming¹  互联网编程¹ | 3 | SECJ3563 | Computational Intelligence¹  计算智能¹ | 3 |
| SECJ3323 | Software Design & Architecture¹  软件设计与架构¹ | 3 | SECJ 3623 | Mobile Application Programming¹  移动应用编程¹ | 3 |
| SECJ3603 | Knowledge- Based & Expert Systems¹  知识和专家系统¹ | 3 | SECJ3403 | Special Topic in Software Engineering¹  软件工程专题¹ | 3 |
| ¹Elective Courses - Choose 4 (13 Credits)  ¹选修课 - 选4门（13学分） | | | SECJ3483 | Web Technology¹  网络技术¹ | 3 |
| ¹Elective Courses - Choose 4 (12 Credits)  ¹选修课 - 选4门（12学分） | | |

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| **Year 4 第四学年** | | | | | | |
| YEAR 4: SEMESTER 1 第一学期 | | | | YEAR 4: SEMESTER 2 第二学期 | | |
| **Code 代码** | | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| SECJ4118 | Industrial Training (HW)  实习 | 8 | SECJ4134 | Software Engineering Project II  软件工程项目 II | 4 |
| SECJ4114 | Industrial Training Report  实习报告 | 4 | SECD3761 | Technopreneurship Seminar  技术创业研讨会 | 1 |
|  |  |  | SECJ3203 | Theory of Computer Science  计算机科学理论 | 3 |
|  |  |  | SECJ4383 | Software Construction  软件构建 | 3 |
|  |  |  | SECJ4423 | Real-Time Software Engineering  实时软件工程 | 3 |
|  |  |  | SECJ4463 | Agent-Oriented Software Engineering  面向代理的软件工程 | 3 |
|  |  |  | SECP5xx3/  SECJ5xx3/  SECR5xx3 | PRISMS Elective 1  PRISMS 选修 1 | 3 |
|  | | | SECP5xx3/  SECJ5xx3/  SECR5xx3 | PRISMS Elective 2  PRISMS 选修 2 | 3 |
| ¹Elective Courses - Choose 2 (6 Credits)  ¹选修课 - 选2门（6学分） | | |

**Faculty of Computing**

计算机学院

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| **Bachelor of Computer Science (Bioinformatics)**  计算机科学（生物信息学）荣誉学士学位 | | | | | |
| Year 1第一学年 | | | | | |
| YEAR 1: SEMESTER 1 第一学期 | | | YEAR 1: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit**  学分 | **Code 代码** | **Course Name 课程名字** | **Credit**  学分 |
| SECI1013 | Discrete Structure  离散结构 | 3 | SECI1113 | Computational Mathematics  计算数学 | 3 |
| SECJ1013 | Programming Technique I  编程技术 I | 3 | SECI1143 | Probability & Statistical Data Analysis  概率与统计数据分析 | 3 |
| SECP1513 | Technology & Information System  技术与信息系统 | 3 | SECJ1023 | Programming Technique II  编程技术 II | 3 |
| SECR1013 | Digital Logic  数字逻辑 | 3 | SECR1033 | Computer Organisation and Architecture  计算机组织与结构 | 3 |
| SExBxxx3 | SECB Core Elective #1  SECB 核心选修课 #1 | 2 | SECD2613 | System Analysis and Design  系统分析与设计 | 3 |
| ULRS1032 | Integrity and Anti - Corruption Course  哲学与时事 | 2 | UHLM1012 | Malay Language for Communication 2  马来语交流 2 | 2 |

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| **Year 2 第二学年** | | | | | |
| YEAR 2: SEMESTER 1 第一学期 | | | YEAR 2: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| SECD2523 | Database  数据库 | 3 | SExBxxx3 | SECB Core Elective #2  软件工程 | 3 |
| SEC2203 | Software Engineering  软件工程 | 3 | SECV2223 | Web Programming  网络编程 | 3 |
| SECJ2013 | Data Structure and Algorithm  数据结构与算法 | 3 | SECR2043 | Operating Systems  操作系统 | 3 |
| SECR2213 | Network Communications  网络通信 | 3 | SECJ2154 | Object Oriented Programming  面向对象编程 | 4 |
| SECV2113 | Human Computer Interaction  人机交互 | 3 | UHLB2122 | Professional Communication Skills 1  专业交流技巧 1 | 2 |
| ULRS2xx2 | Service Learning Co-curriculum Elective 联合课程服务学习 | 2 | ULRS1022 | Philosophy and Current Issues  哲学与时事 | 2 |

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| **Year 3 第三学年** | | | | | |
| YEAR 3: SEMESTER 1 第一学期 | | | YEAR 3: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| UHLB3132 | Professional Communication Skills 2  专业交流技能 2 | 2 | SECB3032 | Bioinformatics Project I  生物信息学项目 I | 2 |
| UHLx1112 | Elective: Foreign Language  外语选修课 | 2 | SECJ3203 | Theory of Computer Science  计算机科学理论 | 3 |
| SECB3104 | Applications Development  应用开发 | 4 | SECD3761 | Technopreneurship Seminar  技术创业研讨会 | 1 |
| SECJ3553 | Artificial Intelligence  人工智能 | 3 | ULRS3032 | Entrepreneurship and Innovation  创业与创新 | 2 |
| SECBxxx3 | SECB elective 1  SECB 选修课 1 | 3 | XXXxxx3 | Free Elective  自由选修 | 2 |
| SECBxxx3 | SECB elective 2  SECB 选修课 2 | 3 | SExBxxx3 | SECB elective 3  SECB 选修课 3 | 3 |
|  |  |  | SExBxxx3 | SECB elective 4  SECB 选修课 4 | 3 |

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| **Year 4 第四学年** | | | | | |
|  | YEAR 4: SEMESTER 1 第一学期 |  |  | YEAR 4: SEMESTER 2 第二学期 |  |
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| **Code 代码** | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| SECB 4118 | Industrial Training (HW) 实习 | 8 | SECB4134 | Bioinformatics Project II  生物信息学 II | 4 |
| SECB 4114 | Industrial Training Report 实习报告 | 4 | SECBxxx3 | SECB elective 5  SECB 选修课 5 | 3 |
|  |  |  | SECx5xx3\* | PRISM elective 1  PRISM 选修课 1 |
| SECBxxx3 | SECB elective 6  SECB 选修课 6 | 3 |
| SECx5xx3\* | PRISM elective 2  PRISM 选修课 2 |
| SExBxxx3 | SECB elective 7  SECB 选修课 7 | 3 |
| SECx5xx3\* | PRISM elective 3  PRISM 选修课 3 |

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| **Bachelor of Computer Science (Graphics and Multimedia Software) with Honors** 计算机科学（图形和多媒体软件）荣誉学士学位 | | | | | |
| Year 1第一学年 | | | | | |
| YEAR 1: SEMESTER 1 第一学期 | | | YEAR 1: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit**  学分 | **Code 代码** | **Course Name 课程名字** | **Credit**  学分 |
| SECI1013 | Discrete Structure  离散结构 | 3 | SECV1113 | Mathematics for Computer Graphics 计算机图形数学 | 3 |
| SECJ1013 | Programming Technique I  编程技术 I | 3 | SECl1143 | Probability & Statistical Data Analysis 概率与统计数据分析 | 3 |
| SECR1013 | Digital Logic  数字逻辑 | 3 | SECJ1023 | Programming Technique II  编程技术 II | 3 |
| SECP1513 | Technology & Information System  技术与信息系统 | 3 | SECR1033 | Computer Organisation and Architecture  计算机组织与结构 | 3 |
| ULRS1032 | Integrity and Anti - Corruption Course  廉政和反腐败 | 2 | SECD2613 | System Analysis and Design  系统分析与设计 | 2 |
|  |  |  | UHLM1012 | Malaysia Language for Communication  马来西亚交流语言 | 2 |

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| **Year 2 第二学年** | | | | | |
| YEAR 2: SEMESTER 1 第一学期 | | | YEAR 2: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| SECD2523 | Database  数据库 | 3 | UHLB2122 | Professional Communication Skills 1 \*  专业沟通技巧 | 2 |
| SECJ2203 | Software Engineering  软件工程 | 3 | SECV2223 | Web Programming  网络编程 | 3 |
| SECJ2013 | Data Structure and Algorithm  数据结构与算法 | 3 | SECR2043 | Operating Systems  操作系统 | 3 |
| SECR2213 | Network Communications  网络通信 | 3 | SECJ2154 | Object Oriented Programming  面向对象编程 | 4 |
| SECV2113 | Human Computer Interaction  人机交互 | 3 | SECV2213 | Fundamental of Computer Graphics¹ 计算机图形学基础¹ | 3 |
| UKQF2xx2 | Service Learning Co-curriculum Elective  联合课程服务学习 | 2 | SECJ2363 | Software Project Management¹  软件项目管理¹ | 3 |
|  | | | UHIS1022 | Philosophy and Current Issues  当前理念与问题 | 2 |
| ¹Elective Courses - Choose 1 (3 Credits)  ¹选修课 - 选1门（3学分） | | |

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| **Year 3 第三学年** | | | | | |
| YEAR 3: SEMESTER 1 第一学期 | | | YEAR 3: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| UHLB3132 | Professional Communication Skills 2 专业交流技能 2 | 2 | SECV3032 | Graphics and Multimedia Software Project I 图形和多媒体软件项目 I | 2 |
| UHLx1112 | Foreign Language Communication  Elective  外语交流选修 | 2 | Sxxxxxx3 | University Free Electives \*\*  大学自由选修 | 3 |
| SECV3104 | Applications Development¹  应用开发¹ | 4 | ULRS3032 | Entrepreneurship and Innovation  创业与创新 | 2 |
| SECJ3553 | Artificial Intelligence¹  人工智能¹ | 3 | SECV3223 | Multimedia Data Processing¹  多媒体数据处理¹ | 3 |
| SECV3113 | Geometric Modelling¹  几何建模¹ | 3 | SECJ3563 | Computational Intelligence¹  计算智能¹ | 3 |
| SECV3213 | Fundamental of Image Processing¹ 图像处理基础¹ | 3 | SECV3263 | Multimedia Web Programming¹  多媒体网络编程¹ | 3 |
| SECJ3263 | Mobile Application Programming¹  移动应用编程¹ | 3 | SECV3233 | Data Visualisation¹  数据可视化¹ | 3 |
| ¹Elective Courses - Choose 4 (13 Credits)  ¹选修课 - 选4门（13学分） | | | SECV3123 | Real-time Computer Graphics¹  实时计算机图形学¹ | 3 |
| ¹Elective Courses - Choose 4 (12 Credits)  ¹选修课 - 选4门（12学分） | | |

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| **Year 4 第四学年** | | | | | |
| YEAR 4: SEMESTER 1 第一学期 | | | YEAR 4: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| SECV4118 | Industrial Training (HW) 实习 | 8 | SECV4134 | Graphics and Multimedia Software Project II 图形和多媒体软件项目 II | 4 |
| SECV4114 | Industrial Training Report 实习报告 | 4 | SECD3761 | Technopreneurship Seminar  技术创业研讨会 | 1 |
|  | | | SECJ3203 | Theory of Computer Science  计算机科学理论 | 3 |
| SECV4213 | Computer Games Development¹  计算机游戏开发¹ | 3 |
| SECV4233 | Advanced Computer Graphics¹  高级计算机图形学¹ | 3 |
| SECV4273 | Introduction to Speech Recognition¹ 语音识别概论¹ | 3 |
| SECH5xx3/ SECD5xx3/ SECS5xx3 | PRISMS Elective 1¹  PRISMS 选修课 1¹ | 3 |
| SECH5xx3/ SECD5xx3/ SECS5xx3 | PRISMS Elective 2¹  PRISMS 选修课 2¹ | 3 |
| ¹Elective Courses - Choose 2 (6Credits)  ¹选修课 - 选2门（6学分） | | |

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| **BACHELOR OF COMPUTER SCIENCE (DATA ENGINEERING) WITH HONOURS** 计算机科学（数据工程）荣誉学士学位 | | | | | |
| Year 1第一学年 | | | | | |
| YEAR 1: SEMESTER 1 第一学期 | | | YEAR 1: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit**  学分 | **Code 代码** | **Course Name 课程名字** | **Credit**  学分 |
| SECP1513 | Technology and Information Systems (WBL)  技术与信息系统 | 3 | SECJ1023 | Programming Technique II  编程技术 II | 3 |
| SECJ1013 | Programming Technique I  编程技术 I | 3 | SECV2113 | Human Computer Interaction  人机交互 | 3 |
| SECR1013 | Digital Logic  数字逻辑 | 3 | SECI2143 | Probability & Statistical Data Analysis  概率与统计数据分析 | 3 |
| SECI1013 | Discrete Structure  离散结构 | 3 | SECR2033 | Computer Organization & Architecture  计算机组织与结构 | 3 |
| ULRS1032 | Integrity and Anti - Corruption Course  廉政和反腐败 | 2 | SECP2613 | \*System Analysis and Design (WBL)  系统分析与设计 | 3 |
|  |  |  | UHLM1012 | Malaysia Language for Communication 2  马来语交流2 | 2 |

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| Year 2 第二学年 | | | | | |
| YEAR 2: SEMESTER 1 第一学期 | | | YEAR 2: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| SECP2523 | Database (WBL)  数据库 (WBL) | 3 | SECJ2154 | Object-Oriented Programming  面向对象编程 | 4 |
| SECP3204 | \*Software Engineering (WBL)  软件工程 | 4 | SECR2043 | Operating System  操作系统 | 3 |
| SECJ2013 | Data Structure and Algorithm  数据结构与算法 | 3 | SECD3761 | Technopreneurship Seminar (WBL)  技术创业研讨会 | 1 |
| SECR2213 | Network Communication  网络通讯 | 3 | UHIS1022 | Philosophy and Current Issues  哲学与时事 | 2 |
| UKQF2XX2 | Service Learning & Community  Engagement Courses  服务学习与社区参与课程 | 2 | UHLB2122 | Professional Communication Skills 1  专业交流技巧 1 | 2 |
| SECP3723 | \*System Development Technology (WBL)  \*系统开发技术 | 3 | SECP3713 | Database Administration  数据库管理 | 3 |
| SECP2733 | Multimedia Data Modeling (WBL)¹  多媒体数据建模 (WBL)¹ | 3 | SECP2633 | Information Retrieval¹  信息检索¹ | 3 |
| ¹Elective Courses - Choose 1 (3 Credits)  ¹选修课 - 选1门（3学分） | | | SECP2753 | Data Mining¹  数据挖掘¹ | 3 |
| ¹Elective Courses - Choose 2 (6 Credits)  ¹选修课 - 选2门（6学分） | | |

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| Year 3 第三学年 | | | | | |
| YEAR 3: SEMESTER 1 第一学期 | | | YEAR 3: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| SECJ3553 | Artificial Intelligence  人工智能 | 3 | ULRS3032 | Entrepreneurship and Innovation  创业与创新 | 2 |
| UHLX1112 | Foreign Language for Communication  外语交流 | 2 | SECP3133 | High Performance Data Processing  高性能数据处理 | 3 |
| UHLB3132 | Professional Communication Skills 2  专业交流技术 | 2 | SECP3213 | Business Intelligence  商业智能 | 3 |
| XXXXxxxx | Free Elective  自由选修 | 3 | SECP3843 | \*Special Topic in Data Engineering (WBL)  \*数据工程学专题 | 3 |
| SECP3744 | \*Enterprise Systems Design and Modeling  (WBL)  \*企业系统设计与建模 | 4 | SECP3823 | \*Knowledge Management Systems (WBL)  知识管理系统 | 3 |
| SECP3223 | Data Analytic Programming  数据分析编程 | 3 | SECP3106 | \*Application Development (WBL)  \*应用软件开发 | 6 |
| SECP3623 | Database Programming  数据库编程 | 3 | SECP3416 | \*Management Information Systems (WBL)  \*管理信息系统 |
| ¹Elective Courses - Choose 2 (6 Credits)  ¹选修课 - 选2门（6学分） | | | ¹Elective Courses - Choose 4 (15 Credits)  ¹选修课 - 选4门（15学分） | |  |

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| Year 4 第四学年 | | | | | |
|  | YEAR 4: SEMESTER 1 第一学期 |  |  | YEAR 4: SEMESTER 2 第二学期 |  |
| **Code 代码** | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| SECP4114 | Professional Development  专业发展 | 4 | SECP4223 | Industrial Integrated Project Proposal 工业综合项目建议书 | 3 |
| SECP4124 | Professional Practice  专业实践 | 4 | SECP4235 | Industrial Integrated Project Development 工业综合项目开发 | 5 |
| SECP4134 | Professional Development and Practice Report  专业发展与实践报告 | 4 | SECP4234 | Industrial Integrated Project Report 工业综合项目报告 | 4 |
| SECP4112 | Initial Industry Project Proposal  初步行业项目建议书 | 2 |  | | |

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| **BACHELOR OF COMPUTER SCIENCE (COMPUTER NETWORKS & SECURITY) WITH HONOURS** 计算机科学（计算机网络与安全）荣誉学士学位 | | | | | |
| Year 1第一学年 | | | | | |
| YEAR 1: SEMESTER 1 第一学期 | | | YEAR 1: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit**  学分 | **Code 代码** | **Course Name 课程名字** | **Credit**  学分 |
| SECI1013 | Discrete Structure  离散结构 | 3 | SECI1113 | Computational Mathematics  计算数学 | 3 |
| SECJ1013 | Programming Technique I  编程技术 I | 3 | SECJ1023 | Programming Technique II  编程技术 II | 3 |
| SECP1513 | Technology & Information System  技术与信息系统 | 3 | SECI1143 | Probability & Statistical Data Analysis 概率与统计数据分析 | 3 |
| SECR1013 | Digital Logic 数字逻辑 | 3 | SECR1033 | Computer Organisation and Architecture 计算机组织与结构 | 3 |
| ULRS1032 | Integrity and Anti - Corruption Course  廉政与反腐败 | 2 | SECD2613 | System Analysis and Design  系统分析与设计 | 3 |
|  |  | 2 | UHLM1012 | Malaysia Language for Communication 2  马来西亚交流语言 2 | 2 |

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| Year 2 第二学年 | | | | | |
| YEAR 2: SEMESTER 1 第一学期 | | | YEAR 2: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| SECR2213 | Network Communications  网络通信 | 3 | SECV1223 | Web Programming  网络编程 | 3 |
| SECD2523 | Database  数据库 | 3 | SECJ2154 | Object Oriented Programming  面向对象编程 | 4 |
| SECV2113 | Human Computer Interaction  人机互动系统 | 3 | SECR2043 | Operating Systems | 3 |
| SECJ2013 | Data Structure and Algorithm  数据结构和算法 | 3 | SECR2242 | Computer Networks (CCNA2)  计算机网络 (CCNA2) | 2 |
| SECJ2203 | Software Engineering  软件工程 | 3 | SECR2941 | Computer Networks Lab  计算机网络实验室 | 1 |
| ULRS2xx2 | Service Learning Co-curriculum Elective  联合课程服务学习 | 2 | SECD3761 | Technopreneurship Seminar  技术创业研讨会 | 1 |
|  | | | UHLB2122 | Academic Communication Skills  学术交流技能 | 2 |
| UHIS1012 | Philosophy and Current Issues  哲学与时事 | 2 |

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| Year 3 第三学年 | | | | | |
| YEAR 3: SEMESTER 1 第一学期 | | | YEAR 3: SEMESTER 2 第二学期 | | |
| **Code 代码** | **Course Name 课程名字** | **Credit** 学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| SECJ3553 | Artificial Intelligence  人工智能 | 3 | SECR3032 | Computer Network & Security Project I 计算机网络与安全项目 I | 2 |
| SECR3104 | Applications Development  应用开发 | 4 | SECJ3203 | Theory of Computer Science  计算机科学理论 | 3 |
| SECR3242 | Internetworking Technology (CCNA3 & 4) 网络技术 (CCNA3 & 4) | 2 | SECR3413 | Computer Security  计算机安全 | 3 |
| SECR3941 | Internetworking Technology Lab  网络技术实验室 | 1 | SECR3223 | High Performance & Parallel Computing  高性能与并行计算 | 3 |
| SECR3443 | Introduction to Cryptography  密码学入门 | 3 | SECRxxx3 | SECR Elective 1  SECR 选修课 1 | 3 |
| UHLB3132 | Professional Communication Skills 2  专业交流技术2 | 2 | SECx5xx3 | PRISMS Elective 1  PRISMS 选修课 1 | 3 |
| UHLx1112 | Foreign Language Elective  外语选修 | 2 | ULRS3032 | Entrepreneurship and Innovation  创业与创新 | 2 |
|  |  |  | UXXX2xx3 | Free Elective Course\*  自由选修课\* | 3 |

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| Year 4 第四学年 | | | | | |
|  | YEAR 4: SEMESTER 1 第一学期 |  |  | YEAR 4: SEMESTER 2 第二学期 |  |
| **Code 代码** | **Course Name 课程名字** | **Credit**  学分 | **Code 代码** | **Course Name 课程名字** | Credit  学分 |
| SECR4114 | Industrial Training Report 实习报告 | 4 | SECR4134 | Computer Network & Security Project II  计算机网络与安全项目 II | 4 |
| SECR4118 | Industrial Training (HW) 实习 | 8 | SECRxxx3 | SECR Elective 2  SECR 选修课 2 | 3 |
|  |  |  | SECx5xx3 | PRISMS Elective 2  PRISMS 选修课 2 |
| SECRxxx3 | SECR Elective 3  SECR 选修课 3 | 3 |
| SECx5xx3 | PRISMS Elective 3  PRISMS 选修课 3 |
| SECRxxx3 | SECR Elective 4  SECR 选修课 4 | 3 |
| SECx5xx3 | PRISMS Elective 4  PRISMS 选修课 4 |