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| --- | --- | --- | --- | --- | --- | --- |
| **YEAR 1** |  |  |  |  |  |  |
| **Semester 1** |  |  |  | **Semester 2** |  |  |
| SHPP1012 | Psychology of Education | 2 |  | SHPP1002 | Educational Philosophy | 2 |
| SHPP1032 | Telecommunication and Computer Network | 2 | SHPP1042 | Educational Technology | 2 |
| SHPP2882 | Co-curriculum Management, Sports andGames | 2 | SHPP1022 | Teacher Professionalism | 2 |
| SHPN1012 | Science & Mathematics Curriculum | 2 | SHPM2332 | Mathematics Education Laboratory | 2 |
| SSCM1023 | Mathematical Methods I | 3 | SSCM1033 | Mathematical Method II | 3 |
| SSCM1103 | Statistics | 3 | SSCM1523 | Linear Algebra | 3 |
| UHLB1112(MUET 1-3) | English CommunicationSkills | 2(HL) | ULRS1032 | Integrity and Anti-Corruption Course | 2 |
| ULRS1182 | Appreciation of Ethics and Civilization | 2 | URLS1022 | Philosophy and Current Issues | 2 |
| **TOTAL** | **16** | **TOTAL** | **18** |
| **YEAR 2** |  |  |  |  |  |  |
| **Semester 1** |  |  |  | **Semester 2** |  |  |
| SHPP2002 | Fundamental of Pedagogy | 2 |  | SHPP3042 | Research Methods in Education | 2 |
| SHPP4722 | Online Learning & Teaching Method | 2 | SHPP3303 | Creative Multimedia Technology | 3 |
| SHPN1022 | Science & MathematicsLearning | 2 | SHPM4342 | Mathematics Education | 2 |
| SHPN2052 | Laboratory Safety & Management | 2 | SHPP2333 | Development of DigitalLearning Object and Mobile Application | 3 |
| SHPM2312 | Teaching Methods in Mathematics | 2 | SHPP2343 | Information Management System & DatabaseDevelopment | 3 |
| \*SSCM1703 | Differential Equation 1 | 3 | \*SSCC1003 | Principles of Chemistry | 3 |
| \*SSCM 2423 | Numerical Methods I | 3 | ULRF2XX2 | Co-Curriculum ServiceLearning Elective (CCSL) | 2 |
| UHLB2122 | Academic CommunicationSkills | 2 |  |  |  |
| **TOTAL** | **18** | **TOTAL** | **18** |

 \* For the FS courses, either in semester 1 or 2, depending on the current offer of FS

 YEAR 3

Semester 1 Semester 2

|  |  |  |
| --- | --- | --- |
| SHPP2032 | Measurement & Evaluationin Education | 2 |
| SHPA2001 | Microteaching | 1 |
| SSCM2793 | Vector Calculus | 3 |
| SSCP1103 | Mechanics | 3 |
| SSCM2103 | Mathematical Statistics | 3 |
| UHLB3132 | ProfessionalCommunication Skills | 2 |
| ULRS3032 | Entrepreneurship andInnovation | 2 |
| UHLX1112 | Foreign Language Electives | 2 |
| **TOTAL** | **18** |

|  |  |  |
| --- | --- | --- |
| SHPA3008 | Teaching Practice | 8 |
| **TOTAL** | **8** |

YEAR 4

Semester 1 Semester 2

|  |  |  |
| --- | --- | --- |
| SHPP4043 | Teacher Development (BIG) | 3 |
| SHPU4904 | Undergraduate Project II | 4 |
| \*\*SHPM5113 | Models in Teaching and Learning Mathematics | 3 |
| \*\*SHPU5024 | Research Methodology and Data Analysis in Education | 4 |
| \*\*\*SSCM2613 | Advanced Calculus | 3 |
| \*\*\*SHPE3512 | Basic Robotics and Mechatronics | 2 |
| \*\*\*SHPP2102 | Basic Programming | 2 |
| \*\*\*UICL2032 | Institution of Life and Sustainable Development | 2 |
| **TOTAL** | **14** |

|  |  |  |
| --- | --- | --- |
| SHPP4052 | Sociology of Education | 2 |
| SHPP4502 | Guidance and Counselling | 2 |
| SHPP1702 | Multimedia Design andHuman Computer Interaction | 2 |
| SHPN4442 | Stem Education | 2 |
| SHPN3422 | Nature of Science And Mathematics | 2 |
| SHPU4902 | Undergraduate Project I | 2 |
| 1XX3 | Free Elective | 3 |
| \*\*SHPU5013 | Innovation in Teaching and Learning | 3 |
| \*\*\*SSCM3423 | Numerical Method ll | 3 |
| **TOTAL** | **18** |

 **\*\***PRISM course: for students with a CGPA of 3.3 and above
 \*\*\* Optional courses for students who cannot take PRISM

**Total Credit 130**

**Counted Credit 128**

Prepared by : Approved by :

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Program Coordinator of SHPMH Director Science, Mathematics and Creative Multimedia