|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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 |
| SHPN1012 | Science & Mathematics  Curriculum | 2 | SHPP1022 | Teacher Professionalism | | 2 |
| SSCP1103 | Mechanics | 3 | 1XX3 | Free Elective | | 3 |
| SSCP1303 | Sound, Wave and Optics | 3 | SSCP1503 | Modern Physics | | 3 |
| SSCP1101 | Physics Practical I | 1 | SSCP1201 | Physics Practical II | | 1 |
| UHLB1112  (MUET 1-3) | English Communication Skills | 2 | ULRS1012 | Value and Identity | | 2 |
| ULRS1182 | Appreciation of Ethics and Civilization | 2 | SHPP2002 | Fundamental of Pedagogy | | 2 |
| **TOTAL** | | **15** | **TOTAL** | | | **17** |
| **YEAR 2** |  |  |  |  |  |  |  |
| **Semester 1** |  |  |  | **Semester 2** |  | |  |
| ULRS1022 | Philosophy and Current Issues | 2 |  | SHPP3042 | Research Methods in Education | | 2 |
| SHPP2882 | Co-curriculum Management, Sports and Games | 2 | SHPP2032 | Measurement and Evaluation in Education | | 2 |
| SHPN1022 | Science & Mathematics Learning | 2 | SHPP3303 | Creative Multimedia Technology | | 3 |
| SHPN2052 | Laboratory Safety & Management | 2 | SSCP1113 | Basic of Electronics | | 3 |
| SHPF2212 | Teaching Methods in Physics | 2 | SSCP1403 | Thermodynamics | | 3 |
| SSCM1103 | Statistics | 3 | SSCP3303 | Energy and Environmental Physics | | 3 |
| SSCP1203 | Electricity & Magnetism | 3 | ULRF2XX2 | Co-Curriculum Service Learning Elective (CCSL) | | 2 |
| UHLB2122 | Academic Communication Skills | 2 |  |  | |  |
| **TOTAL** | | **18** | **TOTAL** | | | **18** |

YEAR 3

Semester 1 Semester 2

|  |  |  |
| --- | --- | --- |
| SHPP4722 | Online Learning and  Teaching Techniques | 2 |
| SHPA2001 | Microteaching | 1 |
| SHPN2221 | Physics Education Laboratory I | 1 |
| SSCP2101 | Physics Practical III | 1 |
| SHPP2333 | Development of Digital Learning Object and Mobile Application | 3 |
| SHPP 1702 | Multimedia Design and Human Computer Interaction | 2 |
| SHPN4442 | Integrated STEM Education | 2 |
| UHLB3132 | Professional Communication Skills 2 | 2 |
| ULRS3032 | Entrepreneurship and Innovation | 2 |
| UHLX1112 | Foreign Language Electives | 2 |
| **TOTAL** | | **18** |

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

YEAR 4

Semester 1 Semester 2

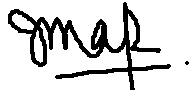
|  |  |  |
| --- | --- | --- |
| SHPP4043 | Teacher Development | 3 |
| SHPU4904 | Undergraduate Project II | 4 |
| SHPP4502 | Guidance and Counselling | 2 |
| SHPE3512 | Basic Robotics and Mechatronics | 2 |
| SHPN3422 | Nature of Science and Mathematics | 2 |
| SSCP2201 | Physics Practical IV | 1 |
| SSCM1023 | Mathematical Methods 1 | 3 |
| **TOTAL** | | **17** |

|  |  |  |
| --- | --- | --- |
| SHPP4052 | Sociology of Education | 2 |
| SHPP2102 | Basic Programming | 2 |
| SHPN3231 | Physics Education Laboratory II | 1 |
| SHPF5113 | Teaching and Learning in Physics\*/ Nuclear Physics | 3 |
| SHPN4243 | Physics Education | 3 |
| SHPU4902 | Undergraduate Project I | 2 |
| SHPU5013 | Innovation in Teaching and Learning\*/ Information Management System and Database Development | 3 |
| **TOTAL** | | **16** |

Total Credit : 129

Counted Credit : 127

Disediakan Oleh : Disahkan Oleh :



(Mdm. Marlina binti Ali) (Assoc. Prof. Dr. Noor Dayana binti Abd Halim)

Program Coordinator of SHPFH Director Science, Mathematics and Creative Multimedia)