

**BACHELOR OF SCIENCE WITH EDUCATION (MATHEMATICS) WITH HONOURS  
 PROGRAMME STRUCTURE (SHPMH)  
 INTAKE 2024/2025**

**YEAR 1**
**Semester 1**

SHPP1012	Psychology of Education	2
SHPP1032	Telecommunication and Computer Network	2
SHPP2882	Co-curriculum Management, Sports and Games	2
SHPN1012	Science & Mathematics Curriculum	2
SSCM1023	Mathematical Methods I	3
SSCM1103	Statistics	3
UHLB1112 (MUET 1-3)	English Communication Skills	2 (HL)
ULRS1182	Appreciation of Ethics and Civilization	2
<b>TOTAL</b>		<b>16</b>

**Semester 2**

SHPP1002	Educational Philosophy	2
SHPP1042	Educational Technology	2
SHPP1022	Teacher Professionalism	2
SHPM2332	Mathematics Education Laboratory	2
SSCM1033	Mathematical Method II	3
SSCM1523	Linear Algebra	3
ULRS1032	Integrity and Anti-Corruption Course	2
URLS1022	Philosophy and Current Issues	2
<b>TOTAL</b>		<b>18</b>

**YEAR 2**
**Semester 1**

SHPP2002	Fundamental of Pedagogy	2
SHPP4722	Online Learning & Teaching Method	2
SHPN1022	Science & Mathematics Learning	2
SHPN2052	Laboratory Safety & Management	2
SHPM2312	Teaching Methods in Mathematics	2
*SSCM1703	Differential Equation 1	3
*SSCM 2423	Numerical Methods I	3
UHLB2122	Academic Communication Skills	2
<b>TOTAL</b>		<b>18</b>

**Semester 2**

SHPP3042	Research Methods in Education	2
SHPP3303	Creative Multimedia Technology	3
SHPM4342	Mathematics Education	2
SHPP2333	Development of Digital Learning Object and Mobile Application	3
SHPP2343	Information Management System & Database Development	3
*SSCC1003	Principles of Chemistry	3
ULRF2XX2	Co-Curriculum Service Learning Elective (CCSL)	2
<b>TOTAL</b>		<b>18</b>

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

