

BACHELOR OF SCIENCE WITH EDUCATION (MATHEMATICS) WITH HONOURS
PROGRAMME STRUCTURE (SHPMH)
INTAKE 2022/2023

September Intake

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
ULRS1022	Philosophy and Current Issues	2
ULRS1182	Appreciation of Ethics and Civilization	2
TOTAL		18

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
ULRS1012	Value and Identity	2
UHLB1112 (MUET 1-3)	English Communication Skills	2 (HL)
TOTAL		16

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
SSCM3533	Logic and Set Theory	3
SSCM 2423	Numerical Methods I	3
UHLB2122	Academic Communication Skills	2
TOTAL		18

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
TOTAL		18

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YEAR 3

Semester 1

SHPP2032	Measurement & Evaluation in Education	2
SHPA2001	Microteaching	1
SSCM2793	Vector Calculus	3
SSCP1103	Mechanics	3
SSCM2103	Mathematical Statistics	3
UHLB3132	Professional Communication Skills	2
ULRS3032	Entrepreneurship and Innovation	2
UHLX1112	Foreign Language Electives	2
TOTAL		18

Semester 2

SHPA3008	Teaching Practice	8
TOTAL		8

YEAR 4

Semester 1

SHPP4062	Sociology of Education	2
SHPP4502	Guidance and Counselling	2
SHPP1702	Multimedia Design and Human 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
TOTAL		18

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
TOTAL		14

Total Credit: 128
Counted Credit: 128


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 Director,
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