



**BACHELOR OF TECHNOLOGY WITH EDUCATION (CIVIL ENGINEERING) WITH HONOURS
PROGRAMME STRUCTURE (SHPAH)
INTAKE 2024/2025**

YEAR 1

Semester 1

ULRS1022	Philosophy and Current Issues	2
ULRS1182	Appreciation of Ethics and Civilizations	2
SHPP1032	Telecommunications and Computer Network	2
SHPP1012	Psychology of Education	2
SHPE1013	Engineering Drawing	3
SHPE1033	Workshop Safety and Management	3
SSCM1803	Engineering Mathematics	3
TOTAL		17

Semester 2

ULRS1032	Integrity and Anti-Corruption Course	2
UHLB1112	English Communication Skills * <i>MUET Band 1-3</i>	HL
SXXXXXX3	Free Elective	3
SHPP1002	Educational Philosophy	2
SHPP1042	Educational Technology	2
SHPP1022	Teacher Professionalism	2
SHPE1102	Woodworking Practices	2
SHPE1352	Introduction to Civil Engineering and Construction	2
TOTAL		15

YEAR 2

Semester 1

UHLB2122	Professional Communication Skills 1	2
SHPP2022	Fundamental of Pedagogy	2
SHPE2022	Fundamental of TVE	2
SHPE2112	Computer Assisted Design	2
SHPQ2032	Water Treatment	2
SHPQ2022	Mechanics of Materials and Structures	2
SHPQ2012	Engineering Survey	2
SHPE1322	Building Materials and Cost Estimation	2
SHPE2312	Brickwork and Finishing	2
TOTAL		18

Semester 2

ULRF2XX2	Service Learning and Community Engagement Course	2
SHPP2032	Educational Measurement and Evaluation	2
SHPP2882	Co-curriculum Management, Sport and Games	2
SHPE2012	Teaching Methods in TVE	2
SHPE2622	Industrial Design	2
SHPE3102	Domestic Plumbing	2
SHPE3032	Building Drawing	2
SBEC2742	Construction Safety	2
TOTAL		16



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YEAR 3

Semester 1

UHXL1112	Foreign Language Electives	2
UHLB3132	Professional Communication Skills 2	2
ULRS3032	Entrepreneurship and Innovation	2
SHPP3042	Research Methodology in Education	2
SHPP4722	Online Learning and Teaching Techniques	2
SHPA2001	Micro Teaching	1
SHPE3022	Industry and TVE	2
SEAA2012	Civil Engineering Lab	2
SBEC4643	Construction Plant and Temporary Works	3
TOTAL		18

Semester 2

SHPA3008	Teaching Training	8
TOTAL		8

Semester 3

SHPA3113	Industrial Training	3
TOTAL		3

YEAR 4

Semester 1

SHPP4062	Sociology of Education	2
SHPU4902	Undergraduate Project I	2
SHPL4403	Invention	3
SHPE4173	Assessment and Measurement Based on Job Competency	3
SHPQ4013	Construction Technology, Contract, and Estimation	3
SHPQ4032	Theory of Structures	2
SBEC4182	Sustainable Construction	2
TOTAL		17

Semester 2

SHPP4043	Teacher Development (BIG)	3
SHPP4502	Guidance and Counselling	2
SHPU4904	Undergraduate Project II	4
SHPQ4042	Reinforced Concrete Design	2
SHPQ4052	Basic Principles of Traffic and Highway	2
SBEC4763	Construction Site Management	3
TOTAL		16

Total Credit 130
Counted Credit 128

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