

Bachelor of Science with Education (Chemistry)-SHPC

Year	Semester I			Semester II		
	Code	Course	Credit	Code	Course	Credit
1	UHS 1022/ UHLM 1012	Philosophy and Current Issues (Local Students)/ Malay Communication 2 (International Students)	2	UHLB 1112	English Communication Skills	2
				UHIT 2302	Scientific and Technological Thinking	2
	UHMT 1012	Success Graduate Attribute	2	UHMS 1182	Appreciation of Ethics and Civilizations	2
	SHPP 1032	Telecommunication & Computer Network	2	SHPP 1042	Educational Technology	2
	SHPP 1012	Psychology of Education	2	SHPP 1002	Educational Philosophy	2
	SHPP2882	Co Curriculum Management, Sport and Games	2	SHPP 1022	Teaching Professionalism	2
	SSCK 1603 SSCK 1831	Organic Chemistry Functional Group Organic Chemistry Practical I	3 1	SHPN 1012	Science & Mathematics Curriculum	2
		Program Elective Courses	4	SSCC 1713	Main Group Elements	3
				SSCC 1851	Inorganic Chemistry Practical I	1
	Total	18		Total	18	

Year	Semester I			Semester II		
	Code	Course	Credit	Code	Course	Credit
2	UBSS 1032	Introduction to Entrepreneurship	2	UHLB 2122	Advanced Academic English Skills	2
	SHPP 2002	Fundamental of Pedagogy	2	UKQF 2XX2	Co-curriculum Service Learning (Uniform Unit)	2
	SSSC 2413	Chemical Thermodynamics	3	SHPP 3042	Research Methods in Education	2
	SSSC 2831	Physical Chemistry Practical I	1	SSCK 1213	Analytical Chemistry and Instrumentation	3
	SHPN 1022	Science & Mathematics Learning	2	SSCK 1891	Analytical Chemistry Practical	1
		Program Elective Courses	8	SHPK 2113	Teaching and Assessment Method in Chemistry	3
				SHPK 2121	Practical in Chemistry Education I	1
					Program Elective Courses	4
	Total	18		Total	18	

Year	Semester I			Semester II		
	Code	Course	Credit	Code	Course	Credit
3	UKQT 3001	Extracurricular Experiential Learning	1	SHPA 3008	Teaching Practice	8
	ULAB 3162	English for Professional Purposes	2			
	UHLX 1112	Foreign Language Elective	2			
	SHPP 2032	Measurement & Evaluation in Education	2			
	SHPP 4722	Online Learning & Teaching Techniques	2			
	SHPK 3131	Practical in Chemistry Education II	1			
	SSSC 2453 SHPN 2052	Chemical Kinetics & Electrochemistry Laboratory Safety & Management	3 2			

	SHPA 2001	Microteaching	1			
	Total		16		Total	8

Year	Semester I			Semester II		
	Code	Course	Credit	Code	Course	Credit
4	SHPP 4052	Sociology of Education	2	UHAK 2XX2	Generic Skills Elective/Broaden Knowledge Elective	2
	SHPP 4502	Counselling & Guidance	2	SHPP 4043	Teacher Development	3
	SHPU 4902	Undergraduate Project I	2	SHPU 4904	Undergraduate Project II	4
	SHPK 4143	Issues and Innovation in Chemistry Education	3		Open Elective Courses	8
		Program Elective Courses	6			
		Open Elective Courses	2			
	Total		17	Total		17