

COURSES VS PROGRAMME LEARNING OUTCOME (PLO) MATRIX

Table 1: Professional Education Course Matrix versus Program Learning Outcomes

Bil	Name and Course code	Credit Value	Programme Learning Outcomes (PLO)											Academic Staff
			PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	
1.	KPF3012 The Development of Education in Malaysia: Philosophy and Policies	2	/	/	/									1. Prof. Dr. Amir Hasan Dawi 2. En. Zaini Abdullah 3. En. Abu Bakar Yusuf
2.	KPC3011 Management in Co-curriculum	1					/			/				Dr. Mohd Syaubari Othman
3.	KPS3023 Sociology in Education	3	/	/			/				/			Dr. Izazol Idris
4.	KPP3023 Psychology in Education	3	/		/		/							Dr. Norliza Abdul Majid
5.	KPK3012 Inclusive Education	2	/	/			/							1. PM Dr. Mohd Nazir Zabir 2. Dr. Hishamuddin Ahmad 3. Dr. Mazarul Hasan Mohamad Hanapi 4. Dr. Kama Shaffeei 5. Dr. Mohd Syaubari Othman 6. Dr. Nor Junainah Md Isa 7. PM Dr. Mohamed Yusof
6.	KPD3036 Instructional Design, Implementation and Technology.	6	/	/			/	/	/					Ts. Dr. Faridah Hanim Yahya

7.	KPG3013 Professional Teachers	3		/	/					/				PM Dr. Rosnidar Mansor
8	KPR3072 Teacher's Apprentice	2	/	/		/				/				Dr. Tajul Rosli Shuib
9.	SBP3013 Execution Teaching in Biology (MAJOR field)	3		/			/				/		/	1. Profesor Madya Dr. Che Nidzam binti Che Ahmad 2. Dr. Mohamad Termizi bin Borhan 3. Dr. Muhamad Ikhwan bin Mat Saad
10.	**** Execution Teaching Minor (MINOR field)	3												<i>* Bergantung kepada pilihan minor pelajar</i>
11.	KPR3012 Seminar on Reflection in Teaching Practice	2		/						/			/	PM Dr. Norwaliza Abd Wahab
12.	KPR3068 Teaching Practice	8		/	/					/			/	Dr. Tajul Rosli Shuib

Table 2: Major Core Course Matrix versus Program Learning Outcomes

Bil	Name and Course Code	Credit Value	Programme Learning Outcomes (PLO)											Academic Staff
			PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	
1.	Cell Biology (SBC 3013)	3	√		√		√	√						Pn. Marina Binti Mokhtar
2.	Biodiversity (SBB 3053)	3	√		√	√							√	PM Dr Fatimah binti Mohamed, Dr. Azi Azeyanty binti Jamaludin, Dr Noraine binti Salleh Hudin, En Azmi bin Ibrahim
3.	Ecology (SBV 3013)	4		√		√				√			√	Profesor Madya Dr Husni Ibrahim Dr Noraine Salleh Hudin
4.	Plant Anatomy and Morphology (SBC3063)	3		√	√				√		√			Prof. Madya Dr Nor Nafizah Binti Mohd Noor; Prof Madya Dr Fatimah Binti Mohamed Dr Azi Azianty Binti Jamaluddin
5.	Animal Anatomy and Histology (SBC3053)	3		√	√			√			√			PM Dr Haniza Hanim Mohd Zain Dr. Alene Tawang
6.	Principles of Microbiology (SBB3033)	3		√	√		√			√				PM Dr. Muhammad Aqil Aryan Wong, Dr. Hamidah Binti Idris
7.	Developmental Biology (SBC3043)	3	√		√			√					√	Dr Alene Tawang Dr Jameel Rabee Jameel Al-Obaidi
8.	Genetics (SBU3033)	3	√	√	√								√	Dr Adibah Abu Bakar

9.	Principles of Biochemistry (SBK3013)	3		√	√	√		√						PM Dr. Rosmilah Misnan, PM Dr. Shakinaz Desa
10.	Principles of Biotechnology (SBT3023)	3		√	√	√							√	Dr. Nurhaida Binti Kamaruddin
11.	Physiological processes in animals (SBF3014)	3	√		√					√	√			Profesor Madya Dr. Syakirah binti Samsudin Dr. Muhammad Hakimi bin Mohd Kassim
12.	Research Methodology (SPR3003)	3	√	√		√			√					Dr Noraine Salleh Hudin
13.	Physiological processes in plants (SBF3053)	3		√	√		√					√		Dr. Fatimah Azzahra Ahmad Rashid, Dr. Jameel Rabee Jameel Al-Obaidi, En. Zahid Mat Saad
14	Research Project I (SBR3913)	3		√	√		√						√	Dr. Mohamad Termizi Borhan Dr. Muhamad Ikhwan Mat Saad PM Dr. Che Nidzam Che Ahmad
15.	Research Project II (SBR3923)	3		√			√		√				√	Dr Noraine Salleh Hudin