Doctor of Philosophy Field of Research: By Research

Doctor of Philosophy
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University General Course		
Uxxx xxx3	Uxxx xxx3 University General Course (3 Credits) Students are free to choose any one course enlisted as university elective course. Please refer to the SPS website for the list of university elective courses https://sps.utm.my/academic-related-resources/ *Students are advised to take this subject at the beginning of their study	3 credits
Faculty Compulsory Course (3 course)		
UHPP 0010	Research Methodology and Data Analysis *(*pre requisite for proposal assessment)*	HW
MPPU 1070	Critical Analysis	HW
MPPU 1080	Academic Writing	HW
Registration of Research Code		
Semester 1 Year 1 (Semester 1) Semester 2 Year 1 (Semester 2) Semester 1 Year 2 (Semester 3) Semester 2 Year 2 (Semester 4) Semester 2 Year 3 (Semester 5) Semester 1 Year 3 (Semester 6) Semester 2 Year 4 (Semester 7) Semester 1 Year 4 (Semester 8) Semester 2 Year 5 (Semester 9) Semester 1 Year 5 (Semester 10) Semester 2 Year 6 (Semester 11) Semester 1 Year 6 (Semester 12) Semester 2 Year 7 (Semester 13) Semester 1 Year 7 (Semester 14) Semester 2 Year 8 (Semester 15) Semester 2 Year 8 (Semester 16)		PPPT1100 PPPT1200 PPPT2100 PPPT2200 PPPT3100 PPPT3200 PPPT4100 PPPT4200 PPPT5100 PPPT5200 PPPT6100 PPPT6200 PPPT7100 PPPT7200 PPPT8100 PPPT8200
1st Assessment		
First Stage		3nd Semester
Evaluation		
Progress Report		Every Semester

Duration of Study	
Full Time	6 – 16 semester

	DOCTOR OF PHILOSOPHY BY RESEARCH	
1	Doctor of Philosophy Field of Research: Management and Administration in Education	PPPAA3AJA
	Doctor of Philosophy Field of Research: Guidance and Counselling in Education	PPPBA3AJA
	Doctor of Philosophy Field of Research: Curriculum and Instruction	PPPCA3AJA
	Doctor of Philosophy Field of Research: Education and Development	PPPDA3AJA
	Doctor of Philosophy Field of Research: Educational Psychology	PPPEA3AJA
	Doctor of Philosophy Field of Research: Physics Education	PPPFA3AJA
	Doctor of Philosophy Field of Research: Chemistry Education	PPPKA3AJA
	Doctor of Philosophy Field of Research: Mathematics Education	PPPMA3AJA
	Doctor of Philosophy Field of Research: Educational Technology	PPPPA3AJA
	Doctor of Philosophy Field of Research: Measurement and Evaluation in Education	PPPUA3AJA
	Doctor of Philosophy Field of Research: Technical and Vocational Education	PPPVA3AJA
	Doctor of Philosophy Field of Research: Teaching English as Second Language	PPPZA3AJA PPPZA3AkA
2	Doctor of Philosophy	PPPGA3AJA