PROGRAMME STRUCTURE

1	Programme Name	**Bachelor of Mobile Game Development (Hons)**
2	MoHE Approval	**N/0211/6/0004**
3	MQA Accreditation	**MQA/PA 15925**
4	Award	**Bachelor of Mobile Game Development (Hons)**
5	Duration	**3.5 years**

YEAR 1: SEMESTER 1

NO	CODE	COURSE	CLASSIFICATION	CREDIT
1	CMD3113	Logic, Math & Physics for Mobile Games	Core	3
2	CMD3123	Fundamentals of Game Development	Core	3
3	CMD3133	Game Analysis & Design Concept	Core	3
4	CSS3113	Introduction to Programming	Core	3
5	CSS3513	Data Communication & Networking	Core	3
6	MPU3412	Co-curriculum	MQA Compulsory Course	2
7	UCS3**2	University Compulsory Subject I	University Compulsory Course	2
				19

YEAR 1: SEMESTER 2

NO	CODE	COURSE	CLASSIFICATION	CREDIT
1	CMD3213	Mobile Games Design: Documentation, Concept and Preproduction	Core	3
2	CMD3223	Digital Imaging	Core	3
3	CMD3233	Animation Principles	Core	3
4	CMD3243	3D Modelling	Core	3
5	CSS3123	Data Structure and Algorithms	Core	3
6	CSS3133	Object Oriented Programming	Core	3
				18

YEAR 2: SEMESTER 1

NO	CODE	COURSE	CLASSIFICATION	CREDIT
1	CMD3**3	Elective I	Elective	3
2	CMD3313	Mobile Games Design: Production and Testing	Core	3
3	CMD3323	Game Business & Marketing	Core	3
4	CMD3333	Mobile Games Engines	Core	3
5	CMD3343	Game Programming	Core	3
6	CMD3353	Professional Development and Leadership Skills	Core	3
				18

YEAR 2: SEMESTER 2

NO	CODE	COURSE	CLASSIFICATION	CREDIT
1	CMD3**3	Elective II	Elective	3
2	CMD3413	Mobile Games Design: QA, Review and Documentation	Core	3
3	CMD3423	Research Methodology	Core	3
4	CMD3434	Mobile Game Development and Deployment	Core	4

Note: - *Programme structure is subject to changes as per approved by UTS Senate*
   - *Elective courses are subject to availability.*
   - *Amended Date: 23th February 2023*

PROGRAMME STRUCTURE

5	CMD3443	Project Management	Core	3
6	UCS3**2	University Compulsory Subject II	University Compulsory Course	2
				18

YEAR 2: SEMESTER 3 (*Short Semester***)**

NO	CODE	COURSE	CLASSIFICATION	CREDIT
1	MPU3183	Penghayatan Etika dan Peradaban (*Appreciation of Ethics and Civilisations*) *	MQA Compulsory Course	3
2	MPU3193	Falsafah dan Isu Semasa (*Philosophy and Current Issues*)	MQA Compulsory Course	3
3	MPU3312	Malaysia Economy	MQA Compulsory Course	2
4	UCS3412	University Compulsory Subject III (Bahasa Kebangsaan)	University Compulsory Course	AU
5	MPU3143	Bahasa Melayu Komunikasi 2 **	MQA Compulsory Course	3
				8

*For Local Student ONLY   **For International Student ONLY*

YEAR 3: SEMESTER 1

NO	CODE	COURSE	CLASSIFICATION	CREDIT
1	CMD3**3	Elective III	Elective	3
2	CMD3516	Final Year Project I	Core	6
3	CMD3523	Artificial Intelligence for Games	Core	3
4	UCS3**2	University Compulsory Subject IV	University Compulsory Course	2
5	MPU3212	Entrepreneurship Skills	MQA Compulsory Course	2
				16

YEAR 3: SEMESTER 2

NO	CODE	COURSE	CLASSIFICATION	CREDIT
1	CMD3**3	Elective IV	Elective	3
2	CMD3616	Final Year Project II	Core	6
3	CMD3623	Product & Innovation Management	Core	3
4	CMD3633	Human Computer Interaction for Mobile Games	Core	3
5	UCS3**2	University Compulsory Subject V	University Compulsory Course	2
				17

YEAR 4: SEMESTER 1 (*Short Semester***)**

NO	CODE	COURSE	CLASSIFICATION	CREDIT
1	CMD3716	Industrial Training	Industrial Training	6
				6
			Total Credits:	**120**

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PROGRAMME STRUCTURE

ELECTIVE COURSES

NO	CODE	COURSE	CLASSIFICATION	CREDIT
1	CMD3813	2D and 3D Game Art Development	Elective	3
2	CMD3823	Mobile Games Graphic, Modelling, Texture and Animation	Elective	3
3	CMD3833	Multiplayer Game Design	Elective	3
4	CMD3843	Extended Reality	Elective	3
5	CMD3853	Game Analytics	Elective	3

UNIVERSITY COMPULSORY SUBJECT

Cluste	NO	CODE	COURSE	CREDIT
(BK)	1	UCS3412	Bahasa Kebangsaan	-
(EL)	2	UCS3132	Fundamental English	2
	3	UCS3152	Business English	2
	4	UCS3142	Academic English	2
(VM)	5	UCS3212	Creativity and Innovation	2
	6	UCS3312	Green Technology	2
(IL)	7	UCS3512	Mandarin 1	2
	8	UCS3522	Mandarin 2	2
	9	UCS3532	Intermediate Mandarin 1	2
	10	UCS3542	Intermediate Mandarin 2	2
	11	UCS3552	Intermediate Mandarin 3	2
	12	UCS3562	Intermediate Mandarin 4	2
	13	UCS3572	Advanced Mandarin 1	2
	14	UCS3582	Advanced Mandarin 2	2
	15	UCS3592	Advanced Mandarin 3	2

Level – Basic : 1BK + 3EL + select 1 from VM or IL cluster

Level – Independent User : 1BK + 2EL + select 2 from VM and/or IL cluster

Level – Proficient User : 1BK + Choose any 4 from EL or VM or IL cluster

✓ *International students are NOT required to take Bahasa Kebangsaan.*
✓ *Basic level students need to take Fundamental English first.*
✓ *Independent and Proficient level students NOT eligible for Fundamental English.*

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