

THE EEG - PART 3a

TECHNICAL MBA PROGRAMME CURRICULUM



31 August 2023

CONTENTS

TECHNICAL MBA PROGRAMME CURRICULUM 1

CONTENTS 2

Master of Business Administration (MBA) in Clean tech..... 3

Master of Business Administration (MBA) in Smart Industry 4

Master of Business Administration (MBA) in Applied Artificial Intelligence 5

Master of Business Administration (MBA) in Cyber Security..... 6

Master of Business Administration (MBA) in Clean tech				
Year 1, Semester 1				
Block (Part-time Semester)	Module / Subject	Contact Hours	ECs	Module Code
Sep / Feb ⁽¹⁾ ¹	Management Accounting & Finance	36	5	FIN41
Sep / Feb ⁽²⁾ ²	Marketing Management	36	5	MA41
Sep / Feb ⁽²⁾	Research Methods Introduction (Final Project)	9	(FP)	GA41
Oct / Apr ⁽¹⁾	Human Resource Management	36	5	MO41
Oct / Apr ⁽²⁾	Operations Management	36	5	MO42
Dec / May ⁽¹⁾	International Management	36	5	SM44
Dec / May ⁽²⁾	Information Management	36	5	IM41
Year 1, Semester 2				
Feb / Sep ⁽²⁾	Research Methods (Final Project)	27	(FP)	GA41
Feb / Sep ⁽¹⁾	Smart Grids	36	5	TEC41
Apr / Oct ⁽²⁾	Business Statistics	36	5	GA42
Apr / Oct ⁽¹⁾	Renewable Energy: Solar, Wind, Hydro	36	5	TEC42
May / Dec ⁽¹⁾	Zero-Energy Buildings and Energy Transition	36	5	TEC44
May / Dec ⁽²⁾	Strategic Management	36	5	SM41
Semester 2 ^(1 & 2)	Project Module (3 Project Weeks)		5	PW41
Total Year 1			60 Credits	
Year 2 (1 Semester / Term)				
3 Blocks (18 weeks - See Part 8)	Final Project	N/A	30	GA41
Total Year 2			30 Credits	
Total Credits MBA			90 Credits	

¹(1) is Semester 1 for part-time students

²(2) is Semester 2 for part-time students

Master of Business Administration (MBA) in Smart Industry				
Year 1, Semester 1				
Block (Part-time Semester)	Module / Subject	Contact Hours	ECs	Module Code
Sep / Feb ^{(1)³}	Management Accounting & Finance	36	5	FIN41
Sep / Feb ^{(2)⁴}	Marketing Management	36	5	MA41
Sep / Feb ⁽²⁾	Research Methods Introduction (Final Project)	9	(FP)	GA41
Oct / Apr ⁽¹⁾	Human Resource Management	36	5	MO41
Oct / Apr ⁽²⁾	Operations Management	36	5	MO42
Dec / May ⁽¹⁾	International Management	36	5	SM44
Dec / May ⁽²⁾	Information Management	36	5	IM41
Year 1, Semester 2				
Feb / Sep ⁽²⁾	Research Methods (Final Project)	27	(FP)	GA41
Feb / Sep ⁽¹⁾	Artificial Intelligence in Business	36	5	IM46
Apr / Oct ⁽²⁾	Business Statistics	36	5	GA42
Apr / Oct ⁽¹⁾	New Smart Economy	36	5	TEC46
May / Dec ⁽¹⁾	Cyber Security in Integrated Autonomous Business Operations	36	5	TEC49
May / Dec ⁽²⁾	Strategic Management	36	5	SM41
Semester 2 ^(1 & 2)	Project Module (3 Project Weeks)		5	PW41
Total Year 1			60 Credits	
Year 2 (1 Semester / Term)				
3 Blocks (18 weeks – See Part 8)	Final Project	N/A	30	GA41
Total Year 2			30 Credits	
Total Credits MBA			90 Credits	

³(1) is Semester 1 for part-time students

⁴(2) is Semester 2 for part-time students

Master of Business Administration (MBA) in Applied Artificial Intelligence

Year 1, Semester 1

Block (Part-time Semester)	Module / Subject	Contact Hours	ECs	Module Code
Sep / Feb ⁽¹⁾ ⁵	Management Accounting & Finance	36	5	FIN ₄₁
Sep / Feb ⁽²⁾ ⁶	Marketing Management	36	5	MA ₄₁
Sep / Feb ⁽²⁾	Research Methods Introduction (Final Project)	9	(-)	GA ₄₁
Oct / Apr ⁽¹⁾	Human Resource Management	36	5	MO ₄₁
Oct / Apr ⁽²⁾	Operations Management	36	5	MO ₄₂
Dec / May ⁽¹⁾	International Management	36	5	SM ₄₄
Dec / May ⁽²⁾	Information Management	36	5	IM ₄₁

Year 1, Semester 2

Feb / Sep ⁽²⁾	Research Methods (Final Project)	27	5	GA ₄₁
Feb / Sep ⁽¹⁾	Artificial Intelligence in Business	36	5	IM ₄₆
Apr / Oct ⁽²⁾	Digital Security & Crisis Management	36	5	IM ₄₈
Apr / Oct ⁽¹⁾	Business Statistics	36	5	GA ₄₂
May / Dec ⁽¹⁾	Strategic Management	36	5	SM ₄₁
May / Dec ⁽²⁾	Problem Solving with AI	36	5	TEC ₄₁₁
Semester 2 ^(1 & 2)	Project Module (3 Project Weeks, linked to Final Project)	60	5 out of 30	PW ₄₁

Total Year 1

65 Credits

Year 2 (1 Semester / Term)

3 Blocks (18 weeks – See Part 8)	Final Project	N/A	25 out of 30	GA ₄₃
--	---------------	-----	--------------	------------------

Total Year 2

25 Credits

Total Credits MBA

90 Credits

⁵(1) is Semester 1 for part-time students

⁶(2) is Semester 2 for part-time students

Master of Business Administration (MBA) in Cyber Security				
Year 1, Semester 1				
Block <small>(Part-time Semester)</small>	Module / Subject	Contact Hours	ECs	Module Code
Sep / Feb ⁽¹⁾ 7	Management Accounting & Finance	36	5	FIN41
Sep / Feb ⁽²⁾ 8	Marketing Management	36	5	MA41
Sep / Feb ⁽²⁾	Research Methods Introduction (Final Project)	9	(-)	GA41
Oct / Apr ⁽¹⁾	Human Resource Management	36	5	MO41
Oct / Apr ⁽²⁾	Operations Management	36	5	MO42
Dec / May ⁽¹⁾	International Management	36	5	SM44
Dec / May ⁽²⁾	Information Management	36	5	IM41
Year 1, Semester 2				
Feb / Sep ⁽²⁾	Research Methods (Final Project)	27	5	GA41
Feb / Sep ⁽¹⁾	Cyber Security Application & Implementation	36	5	TEC412
Apr / Oct ⁽²⁾	Digital Security & Crisis Management	36	5	IM48
Apr / Oct ⁽¹⁾	Business Statistics	36	5	GA42
May / Dec ⁽¹⁾	Strategic Management	36	5	SM41
May / Dec ⁽²⁾	Cyber Security in Integrated Autonomous Business Operations	36	5	TEC49
Semester 2 ^(1 & 2)	Project Module (3 Project Weeks, linked to Final Project)	60	5 out of 30	PW41
Total Year 1			65 Credits	
Year 2 (1 Semester / Term)				
3 Blocks (18 weeks – See Part 8)	Final Project	N/A	25 out of 30	GA43
Total Year 2			25 Credits	
Total Credits MBA			90 Credits	

⁷(1) is Semester 1 for part-time students

⁸(2) is Semester 2 for part-time students