

THE EEG - PART 3a

TECHNICAL MBA PROGRAMME CURRICULUM



31 October 2024

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 Engineering	7
Master of Business Administration (MBA) in Applied ICT	8

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	FIN ₄₁
Sep / Feb (2) ²	Marketing Management	36	5	MA ₄₁
Sep / Feb (2)	Research Methods Introduction (Final Project)	9	(FP)	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	(FP)	GA ₄₁
Feb / Sep (1)	Smart Grids	36	5	TEC ₄₁
Apr / Oct (2)	Business Statistics	36	5	GA ₄₂
Apr / Oct (1)	Renewable Energy: Solar, Wind, Hydro	36	5	TEC ₄₂
May / Dec (1)	Zero-Energy Buildings & Energy Transition	36	5	TEC ₄₄
May / Dec (2)	Strategic Management	36	5	SM ₄₁
Semester 2 (1 & 2)	Project Module (3 Project Weeks)		5	PW ₄₁
Total Year 1			60 Credits	
Year 2 (1 Semester / Term)				
3 Blocks (18 weeks - See Part 8)	Final Project	N/A	30	GA ₄₁
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	FIN ₄₁
Sep / Feb (2) ⁴	Marketing Management	36	5	MA ₄₁
Sep / Feb (2)	Research Methods Introduction (Final Project)	9	(FP)	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	(FP)	GA ₄₁
Feb / Sep (1)	Artificial Intelligence in Business	36	5	IM ₄₆
Apr / Oct (2)	Business Statistics	36	5	GA ₄₂
Apr / Oct (1)	New Smart Economy	36	5	TEC ₄₆
May / Dec (1)	Cyber Security in Integrated Autonomous Business Operations	36	5	TEC ₄₉
May / Dec (2)	Strategic Management	36	5	SM ₄₁
Semester 2 (1 & 2)	Project Module (3 Project Weeks)		5	PW ₄₁
Total Year 1			60 Credits	
Year 2 (1 Semester / Term)				
3 Blocks (18 weeks – See Part 8)	Final Project	N/A	30	GA ₄₁
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 (Part-time Semester)	Module / Subject	Contact Hours	ECs	Module Code
Sep / Feb (1) ⁷	Management Accounting & Finance	36	5	FIN ₄₁
Sep / Feb (2) ⁸	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)	Cyber Security Application & Implementation	36	5	TEC ₄₁₂
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)	Cyber Security in Integrated Autonomous Business Operations	36	5	TEC ₄₉
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	

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

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

Master of Business Administration (MBA) in Engineering				
Year 1, Semester 1				
Block (Part-time Semester)	Module / Subject	Contact Hours	ECs	Module Code
Sep / Feb (1) ⁹	Management Accounting & Finance	36	5	FIN ₄₁
Sep / Feb (2) ¹⁰	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)	Engineering Project Management	36	5	SM ₄₉
Apr / Oct (2)	Technical Innovation & Product Development	36	5	TEC ₄₁₃
Apr / Oct (1)	Business Statistics	36	5	GA ₄₂
May / Dec (1)	Strategic Management	36	5	SM ₄₁
May / Dec (2)	Zero-Energy Buildings & Energy Transition	36	5	TEC ₄₄
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	

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

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

Master of Business Administration (MBA) in Applied ICT				
Year 1, Semester 1				
Block (Part-time Semester)	Module / Subject	Contact Hours	ECs	Module Code
Sep / Feb (1) ¹¹	Management Accounting & Finance	36	5	FIN ₄₁
Sep / Feb (2) ¹²	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)	Digital Innovation & Business Transformation	36	5	SM ₄₆
Apr / Oct (2)	Advanced Case Studies in ICT	36	5	TEC ₄₁₄
Apr / Oct (1)	Business Statistics	36	5	GA ₄₂
May / Dec (1)	Strategic Management	36	5	SM ₄₁
May / Dec (2)	ICT Project Management	36	5	SM ₄₁₀
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	

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

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