

YEARLY SCHEDULE OF FACILITY AND SUSTAINABLE BUILDING MANAGEMENT (FSBM) CLASSES 2024-2025 (REQUIRED COURSES ONLY)

CERTIFICATE OF ACHIEVEMENT (COA)= 25 Units

Course	DESCRIPTION	SUMMER	FALL	WINTER	SPRING
BUS 56	Human Relations in the Workplace (5 Units)	X	X	X	X
BUS 65	Leadership (5 Units)		X	X	
BUS 85	Business Communication (3 Units)	X	X	X	X
ES 58	Introduction to Green Building (1 Unit)		X	X	X
ES 69A	Introduction to Facilities Management (3 Units)		X		X (SPRING ONLY-First 8 Weeks)
ES 70	Introduction to Energy (2 Unit)		X (Fall Only- First 6 weeks)		
ES 71	Introduction to Sustainable Buildings (2 Units)		X (Fall Only-Last 6 Weeks)		
ES 78	Energy Management Systems and Controls (2 Units)			X (WINTER ONLY-Last 8 Weeks)	
ES 82	Project Management and Technical Report Writing (2 Units)		X (FALL ONL-Last 6 Weeks)		

CERTIFICATE OF ACHIEVEMENT - ADVANCED (COA-A)= 14 Units ; COA + COA-A = 39 Units

Course	DESCRIPTION	SUMMER	FALL	WINTER	SPRING
ACCT 1A	Financial Accounting I (5 Units)	X	X	X	X
BUS 10	Introcution to Business (5 Units)	X	X	X	X
ES 81	New Title- Sustainability Assessments and Building Codes (2 Units)			X (WINTER ONLY- Last 6 Weeks)	
ES 83	Energy Management Return on Investment (2 Units)				X (SPRING ONLY- First 6 Weeks)

YEARLY SCHEDULE OF ENERGY MANAGEMENT AND BUILDING SCIENCE (EMBS) CLASSES 2024-2025 DEGREE (REQUIRED COURSES ONLY)

CERTIFICATE OF ACHIEVEMENT (COA) 19 Units

Course	DESCRIPTION	SUMMER	FALL	WINTER	SPRING
ES 4	Energy, the Environment and Society (4 Units)	X	X	X	X
ES 58	Introduction to Green Building (1 Unit)		X	X	X
ES 64	No longer part of EMBS 2024-2025 degree - For Previous Catalog Years- FALL		X		
ES 69	New Title- Introduction to Energy Management (2 Units)				X (SPRING ONLY- Last 6 Weeks)
ES 70	Introduction to Energy (2 Units)- Pre-Req for ES 51A		X (FALL ONLY- First 6 Weeks)		
ES 71	Introduction to Sustainable Buildings (2 Units) Pre-Req for ES 51B AND ES 81C		X (FALL ONLY- Last 6 Weeks)		
ES 76	Energy Star- Not Offered (Condensed into ES 81-Offered in Winter)			X Take ES 81 WINTER ONLY	
ES 78	Energy Management Systems and Controls (2 Units)			X (WINTER ONLY- Last 8 Weeks)	
ES 79	New Title- Introduction to Sustainable Energy (2 Units)			X (WINTER ONLY- First 6 Weeks)	
ES 82	Project Management and Technical Report Writing (2 Units)		X (FALL ONLY- Last 6 Weeks)		
ES 83	Energy Management Return on Investment (2 Units)				X (SPRING ONLY- First 6 Weeks)

CERTIFICATE OF ACHIEVEMENT - ADVANCED (COA-A) 18 Units ; COA + COA-A = 37 Units

Course	DESCRIPTION	SUMMER	FALL	WINTER	SPRING
ES 51A	Sustainable Energy Systems (4 Units) Pre-requisites- ES 70 & ES 79				X (SPRING ONLY- Last 6 Weeks)
ES 51B	Energy Efficient Buildings (3 Units) Pre-requisites- ES 71			X (WINTER ONLY- First 6 Weeks)	
ES 51C	Building Automation Systems (3 Units) - Pre -requisite ES 78				X (SPRING ONLY- Last 8 Weeks)
ES 69A	Introduction to Facilities Management (3 Units)				X (SPRING ONLY-First 8 Weeks)
ES 76A	Solar Thermal Systems (Not Offered- Condensed into ES 81C- Offered in Winter)				
ES 81	New Title-Sustainability Assessments and Building Codes (2 Units)			X (WINTER ONLY- Last 6 Weeks)	
ES 81C	New Class -Passive Solar Buildings (3 Units) Pre -Req ES 51B			X WINTER ONLY - Last 6 Weeks)	

Sample student Schedule To Earn AS Degree in EMBS

Sample Schedule to Earn AS Degree In FSBM

FALL	FALL		
ES 4 (4)	ES 4 (4)		
ES 58 (1)	ES 58 (1)		
ES 70 (2) - (First 6 Weeks) Pre req for ES 51A	ES 70 (2) - (First 6 Weeks) Pre req for ES 51A		
ES 71 (2)- (Last 6 Weeks) Pre-Req for ES 51B and ES 81C	ES 71 (2)- (Last 6 Weeks) Pre-Req for ES 51B and ES 81C		
ES 82 (2) (Last 6 Weeks)	ES 82 (2) (Last 6 Weeks)		
Total Units FALL = 11 Units	Total Units Fall = 11 Units		
WINTER	WINTER		
ES 51B (3)- (First 6 Weeks- Must have taken ES 71)	BUS 65 (5)		
ES 78 (2)- (Last 8 Weeks)- Pre-Req for ES 51C	BUS 85 (3)		
ES 79 (2) (First 6 Weeks)	ES 78 (2) (Last 8 Weeks)		
ES 81 (3) (Last 6 Weeks)	ES 81 (3) (Last 6 Weeks)		
ES 81C (3) (Last 6 Weeks- Must have taken ES 51B or taking concurrently)			
Total Units WINTER= 13 Units	Total Units Winter= 13 Units)		
SPRING	SPRING		
ES 51A (4)- Last 6 Weeks- Must have taken ES 70 and ES 79)	ACCT 1A (5)		
ES 51C (2)-Last 8 Weeks- Must have taken ES 78)	BUS 10 (5)		
ES 69 (2) (Last 6 Weeks)	ES 69A (3) (First 8 Weeks)		
ES 69A (3) (First 8 Weeks)	ES 83 (2) (First 6 Weeks)		
ES 83 (2) (First 6 Weeks)			
Total Units SPRING = 13 Units	Total Units SPRING= 15 Units		
Total Units for Academic Year= 37 Units	Total Units for Academic Year = 39 Units		