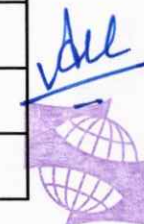


Name of Institute – SIIB

Name of programme - M.B.A. (Energy and Environment)

Revision in Syllabus

Programme Code	Program Name	Catalog Course Code	Catalog Course Name	Course Type	Change in T-Code Yes / No	Batch 2020	Batch 2021	Change in course/ Nature	Change in Pedagogy	Change in evaluation	Change in instruction method	Add on course	Changes Yes: Revised No: Not Revised
20243	M.B.A. (Energy and Environment)	F2001	Introduction to Meta Skills	Core	Yes		Yes				Yes		Yes
20243	M.B.A. (Energy and Environment)	GEN003	Internship	Core	No								No
20243	M.B.A. (Energy and Environment)	GEN004	Dissertation	Core	No		Yes			Yes			Yes
20243	M.B.A. (Energy and Environment)	T0100	Research Publication	Core	No								No
20243	M.B.A. (Energy and Environment)	T2003	Financial Accounting	Core	No		Yes		Yes				Yes
20243	M.B.A. (Energy and Environment)	T2006	Cost Accounting	Core	No								No
20243	M.B.A. (Energy and Environment)	T2034	Financial Management	Core	No								No
20243	M.B.A. (Energy and Environment)	T2036	Financial Management	Core	Yes		Yes	yes					Yes
20243	M.B.A. (Energy and Environment)	T2114	Essentials of Marketing Management	Core	No		Yes			yes			yes
20243	M.B.A. (Energy and Environment)	T2145	Sustainable Marketing	Elective	No								No
20243	M.B.A. (Energy and Environment)	T2152	Business to Business Marketing	Core	NO								No
20243	M.B.A. (Energy and Environment)	T2170	Sustainable Supply Chain	Elective	No								No
20243	M.B.A. (Energy and Environment)	T2193	Project Management	Elective	No								No
20243	M.B.A. (Energy and Environment)	T2216	Business Statistics	Core	No								No



Program Code	Program Name	Catalog Course Code	Catalog Course Name	Course Type	Change in T-Code Yes / No	Batch 2020	Batch 2021	Change in course/ Nature	Change in Pedagogy	Change in evaluation	Change in instruction method	Add on course	Changes Yes: Revised No: Not Revised
20243	M.B.A. (Energy and Environment)	T2220	Operations Research	Core	No								No
20243	M.B.A. (Energy and Environment)	T2224	Research Methodology	Core	No								No
20243	M.B.A. (Energy and Environment)	T2239	Business Communication	Core	No								No
20243	M.B.A. (Energy and Environment)	T2255	Advanced Strategic Management	Core	No								No
20243	M.B.A. (Energy and Environment)	T2385	Export Import Management	Core	No								No
20243	M.B.A. (Energy and Environment)	T2387	Global Business Environment	Core	No								No
20243	M.B.A. (Energy and Environment)	T2401	Contracting in Energy Sector	Elective	Yes		Yes						Yes
20243	M.B.A. (Energy and Environment)	T2403	Business and Social Impact Management	Elective	No								No
20243	M.B.A. (Energy and Environment)	T2405	Environment Management Systems	Core	No								NO
20243	M.B.A. (Energy and Environment)	T2408	Non Renewable Energy Sources	Core	No								NO
20243	M.B.A. (Energy and Environment)	T2409	Electricity Regulatory Issues and Mechanisms	Elective	No								NO
20243	M.B.A. (Energy and Environment)	T2412	Climate Change, Carbon Markets and Financing	Core	No								NO
20243	M.B.A. (Energy and Environment)	T2413	Energy Audits and Energy Management	Core	Yes		Yes						Yes
20243	M.B.A. (Energy and Environment)	T2414	Environment Modelling and GIS	Elective	No								NO
20243	M.B.A. (Energy and Environment)	T2415	Green Buildings and Rating Systems	Elective	Yes		yes	Yes					Yes

Programme Code	Program Name	Catalog Course Code	Catalog Course Name	Course Type	Change in T-Code Yes / No	Batch 2020	Batch 2021	Change in course/ Nature	Change in Pedagogy	Change in evaluation	Change in instruction method	Add on course	Changes Yes: Revised No: Not Revised
20243	M.B.A. (Energy and Environment)	T2416	Sustainability Standards - Application, Analysis and Reporting	Core	No		Yes			yes			yes
20243	M.B.A. (Energy and Environment)	T2442	Environment Impact Assessment	Core	No								NO
20243	M.B.A. (Energy and Environment)	T2443	Oil and Gas Economies	Core	No								NO
20243	M.B.A. (Energy and Environment)	T2444	Public Private Partnerships	Elective	Yes		yes						Yes
20243	M.B.A. (Energy and Environment)	T2446	Governance and Corporate Sustainability	Core	No								NO
20243	M.B.A. (Energy and Environment)	T2513	Marketing Research	Core	No		Yes			Yes			Yes
20243	M.B.A. (Energy and Environment)	T2528	Management of Operations	Core	No								NO
20243	M.B.A. (Energy and Environment)	T2572	Human Resource Management	Core	No								NO
20243	M.B.A. (Energy and Environment)	T2573	Organizational Behaviour	Core	No								NO
20243	M.B.A. (Energy and Environment)	T2655	Renewable Energy Project Development and Finance	Elective	No								NO
20243	M.B.A. (Energy and Environment)	T2767	Industrial Ecology and Waste management	Core	No								NO
20243	M.B.A. (Energy and Environment)	T2778	Basics of Financial Management	Core	No		Yes		yes				yes
20243	M.B.A. (Energy and Environment)	T2814	Business and Natural Capital Management	Core	No								NO
20243	M.B.A. (Energy and Environment)	T2815	Advanced Energy Management	Core	No								NO

Program Code	Program Name	Catalog Course Code	Catalog Course Name	Course Type	Change in T-Code Yes / No	Batch 2020	Batch 2021	Change in course/ Nature	Change in Pedagogy	Change in evaluation	Change in instruction method	Add on course	Changes Yes: Revised No: Not Revised
20243	M.B.A. (Energy and Environment)	T2816	Renewable Energy Sources and Technologies	Core	No		Yes			yes			yes
20243	M.B.A. (Energy and Environment)	T2828	Six Sigma	Core	No								NO
20243	M.B.A. (Energy and Environment)	T2862	Business Statistics with R	Elective	No								NO
20243	M.B.A. (Energy and Environment)	T2899	Environmental Life Cycle Assessment	Core	No								NO
20243	M.B.A. (Energy and Environment)	T2999	Circular Economy	Elective	Yes		yes					Yes	Yes
20243	M.B.A. (Energy and Environment)	T3392	ERP-Business Process Integration	Core	No					Yes			Yes
20243	M.B.A. (Energy and Environment)	T3439	Advanced Data Driven Decision Making	Core	No								NO
20243	M.B.A. (Energy and Environment)	T3517	Energy Analytics	Core	No		Yes			yes			yes
20243	M.B.A. (Energy and Environment)	T4005	Integrated Disaster Management	Core	No								NO
20243	M.B.A. (Energy and Environment)	T4665	Well for Life	Core	No								NO
20243	M.B.A. (Energy and Environment)	T6012	Basic German I	Elective	No								NO
20243	M.B.A. (Energy and Environment)	T6013	Basic German II	Elective	No								NO
20243	M.B.A. (Energy and Environment)	T6014	Basic French I	Elective	No								NO
20243	M.B.A. (Energy and Environment)	T6015	Basic French II	Elective	No								NO
20243	M.B.A. (Energy and Environment)	T6016	Basic Spanish I	Elective	No								NO



Programme Code	Program Name	Catalog Course Code	Catalog Course Name	Course Type	Change in T-Code Yes / No	Batch 2020	Batch 2021	Change in course/ Nature	Change in Pedagogy	Change in evaluation	Change in instruction method	Add on course	Changes Yes: Revised No: Not Revised
20243	M.B.A. (Energy and Environment)	T6017	Basic Spanish II	Elective	No								NO
20243	M.B.A. (Energy and Environment)	T6075	Managerial Economics	Core	No								NO
20243	M.B.A. (Energy and Environment)	T6674	Basic Japanese I	Elective	No								NO
20243	M.B.A. (Energy and Environment)	T6675	Basic Japanese II	Elective	No								NO
20243	M.B.A. (Energy and Environment)	TM2004	Industrial Safety and Health management	Core	No		Yes		Yes				Yes
20243	M.B.A. (Energy and Environment)	F2002	Sustainable Finance and ESG Investment	Core	Yes		Yes						Yes
20243	M.B.A. (Energy and Environment)		ESG and Sustainable Finance	Core	Yes		Yes					Yes	Yes
20243	M.B.A. (Energy and Environment)	TH4272	Certificate in COVID-19 Care for the Community	Core	Yes	Yes	Yes	yes					Yes

Total No of Courses - 66
Revision in No of courses - 20
Revision % 30.30%


Dr. Asmita Chitnis
Director



**SYMBIOSIS INSTITUTE OF INTERNATIONAL BUSINESS (SIIB)**is a constituent of **SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY (SIU))**

(Estd. Under section 3 of the UGC act 1956, notification no. F-9-12/2001-U-3 of the Govt. of India)

Accredited by NAAC with 'A' grade

Percentage of program where syllabus revision was carried out

from 2020- 2022 to 2021-2023

Name of the Institute: Symbiosis Institute of International Business

Name of Programme : Master of Business Administration
(Energy and Environment)

INDEX

Sr. No.	Content	Page Number
1	Approval Letter- 21.23	7 – 8
2	PS 2021 - 2023	9 - 14
3	Approval Letter- 20.22	15
4	PS 2020 - 2022	16 – 21

Dr. Asmita Chitnis

Director
SIIBDr. Asmita Chitnis
Director

Fwd: Revision Lettter

Inbox



Director-SIIB

10:36 AM (9
minutes ago)

to Dr.Prakash, Academic

FYI & A

Regards,

Dr. Asmita Chitnis

Director,

Symbiosis Institute of International Business [SIIB]

G.No. 174/1, Hinjewadi Taluka - Mulshi, Dist - Pune - 411057.

www.siib.ac.in | www.siu.edu.in

----- Forwarded message -----

From: [head academics@siu.edu.in](mailto:head_academics@siu.edu.in) <[head academics@siu.edu.in](mailto:head_academics@siu.edu.in)>

Date: Tue, 5 Apr 2022 at 10:33

Subject: Revision Lettter

To: <director@siib.ac.in>, <coe@siu.edu.in>, <pradipkumar.borate@siu.edu.in>, <[head academics@siu.edu.in](mailto:head_academics@siu.edu.in)>, <[ar academics@siu.edu.in](mailto:ar_academics@siu.edu.in)>

SIU/ACAD/2022/1685

Date: 05/04/2022

To

The Director

Symbiosis Institute of International Business, Pune

Subject: Revised Programme Structure.

Dear Sir/Madam,

Reference to SIU letter no SIU/U-110(SIIB, Pune)/2021/5217 dated 27/12/2021 regarding approval of programme structure of batch 2021-2023. The details of the revision are as follows:

Academic Year : 2021-2022

Sr.No.	Programme	Batch
1	Master of Business Administration (Energy and Environment) (Revision 02)	2021-2023

The revised programme structure supersedes the previously approved programme structures referred in the above letters.

You are requested to download the same using your Login Credentials the link is :

<http://eduwiz.intechsolutionspune.in/eduwiz/login.html>

Path: Academics->Catalogue->Programme Structure-> View Course Structure -> Select Institute -> Select Academic Year -> Select Programme -> Select Batch -> Select Revision-> Show Course Structure -> Print Programme Structure.

Thanking you.

Sincerely,

Dr. Pravin Dange
Head- Academics

Copy to: Controller of Examinations, SIU

1 Of 1



This email is governed by the Disclaimer Terms of SIU which may be viewed at <http://www.siu.edu.in/downloads/email-disclaimer.php>



Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment)
Programme Structure 2021-23

1.	OBJECTIVE	To train students for a rewarding career in business management in the upcoming sector of Energy and Environment				
2.	DURATION (IN MONTHS)	24 (Full Time)				
3.	INTAKE	30				
4.	RESERVATION	I. Within the sanctioned intake	a) SC (In Percentage)	b) ST (In Percentage)	c) Differently abled (In Percentage)	d) Defence (In Percentage)
			15	7.5	3	0
		II. Over and above the sanctioned intake	a) Kashmiri Migrants (In Seats)		b) International Students (In Percentage)	
			2		15	
5.	ELIGIBILITY	Bachelor of Engineering/ Technology/ Architecture/ Bachelor of Science (Environmental Science) from any recognised University/ Institution of National Importance with a minimum of 50% marks or equivalent grade (45% marks or equivalent grade for Scheduled Caste/ Scheduled Tribes).				
6.	SELECTION PROCEDURE	Symbiosis National Aptitude Test Score, Group Exercise, Personal Interaction and Writing Ability Test (GE-PIWAT)				
7.	MEDIUM OF INSTRUCTION	English				
8.	PROGRAMME PATTERN	Semester				
9.	COURSE & SPECIALIZATION	As per Annexure A				
10.	FEE		Academic Fee p.a	Institute Deposit	Total	
		Indian Students	575000	20000	595000	
		International Students (USD equivalent to INR)	865000	20000	885000	
11.	ASSESSMENT	All internal courses will have 100% component as internal evaluation at the institute level. All external courses will have 60% internal component and 40% component as external [University] examination.				
12.	STANDARD OF PASSING	The assessment of the student for each examination is done, based on relative performance. Maximum Grade Point (GP) is 10 corresponding to O (Outstanding). For all courses, a student is required to pass both internal and external examination separately with a minimum Grade Point of 4 corresponding to Grade P. Students securing less than 40% absolute marks in each head of passing will be declared FAIL. The University awards a degree to the student who has achieved a minimum				

		CGPA of 4 out of maximum of 10 CGPA for the programme.					
13.	AWARD OF DEGREE/ DIPLOMA/ CERTIFICATE	Master of Business Administration (Energy and Environment) will be awarded at the end of semester IV examination by taking into consideration the performance of all semester examinations after obtaining minimum 4.00 CGPA out of 10 CGPA.					
14.	CLASSIFICATION OF CREDITS						
Semester	Generic Core	Generic Elective	Specialization Core	Specialization Elective	Open Elective	Audit	Total
1	30	2	0	0	0	1*	32
2	28	2	0	0	0	1*	30
3	22	4	0	0	0	1*	26
4	8	4	0	0	0	0	12
Total	88	12	0	0	0	0	100

* Satisfactory completion of the non letter grade courses 'Integrated Disaster Management', 'Research Publication' 'Certificate in COVID-19 Care for the Community' is mandatory for award of degree.

The revised programme structure supersedes the previously approved programme structure dated 27/12/2021 for the programme.

This Programme Structure is aligned with the norms laid down by the University and is approved by the Academic Council. Hereafter changes (if any) which conform to the policy on "Curriculum Development and Review" would be permissible, subject to revision of the Programme Structure, following the specified processes.

Head - Academics

THIS IS SYSTEM GENERATED DOCUMENT AND REQUIRES NO SIGNATURE.



Celebrating 50 Years of Excellence

Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment)
Programme Structure 2021-23

Annexure A

Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
Semester : 1							
Generic Core Courses							
T2408	0202430101	Non Renewable Energy Sources		3	90	60	150
T2816	0202430102	Renewable Energy Sources and Technologies		3	90	60	150
T3439	0202430103	Advanced Data Driven Decision Making		2	100	0	100
T2778	0202430104	Basics of Financial Management		2	60	40	100
T2239	0202430105	Business Communication		2	60	40	100
T2412	0202430106	Climate Change, Carbon Markets and Financing		2	60	40	100
T2442	0202430107	Environment Impact Assessment		2	60	40	100
T6075	0202430108	Managerial Economics		2	60	40	100
T2572	0202430109	Human Resource Management		2	60	40	100
T2446	0202430110	Governance and Corporate Sustainability		2	100	0	100
T2216	0202430111	Business Statistics		2	60	40	100
T2114	0202430112	Essentials of Marketing Management		2	60	40	100
T2003	0202430113	Financial Accounting		2	60	40	100
T4665	0202430114	Well for Life		1	50	0	50
T2224	0202430115	Research Methodology		1	50	0	50
TH4272	0202430120	Certificate in COVID-19 Care for the Community *		0	0	0	Non Letter Grade
Total				30	1020	480	1500
Generic Elective Courses Group							
T6012	0202430116	Basic German I		2	60	40	100
T6014	0202430117	Basic French I		2	60	40	100
T6016	0202430118	Basic Spanish I		2	60	40	100
T6674	0202430119	Basic Japanese I		2	60	40	100
Total Required Credits				2	60	40	100
Semester : 2							
Generic Core Courses							
TM2095	0202430201	Energy Audits and Energy Management		3	150	0	150
T2814	0202430202	Business and Natural Capital Management		2	60	40	100
T2006	0202430203	Cost Accounting		2	60	40	100



Celebrating 50 Years of Excellence

Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment)
Programme Structure 2021-23

Annexure A

Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
T2405	0202430204	Environment Management Systems		2	60	40	100
T2385	0202430205	Export Import Management		2	60	40	100
T2034	0202430206	Financial Management		2	60	40	100
T2387	0202430207	Global Business Environment		2	60	40	100
T2528	0202430208	Management of Operations		2	60	40	100
T2220	0202430209	Operations Research		2	60	40	100
T2573	0202430210	Organizational Behaviour		2	60	40	100
T2152	0202430211	Business to Business Marketing		2	100	0	100
T2416	0202430212	Sustainability Standards - Application, Analysis and Reporting		2	100	0	100
T2513	0202430213	Marketing Research		2	60	40	100
F2001	0202430214	Introduction to Meta Skills		1	50	0	50
T4005	0202430215	Integrated Disaster Management *		0	0	0	Non Letter Grade
Total				28	1000	400	1400
Generic Elective Courses Group							
T6013	0202430216	Basic German II		2	60	40	100
T6015	0202430217	Basic French II		2	60	40	100
T6017	0202430218	Basic Spanish II		2	60	40	100
T6675	0202430219	Basic Japanese II		2	60	40	100
Total Required Credits				2	60	40	100
Semester : 3							
Generic Core Courses							
T2905	0202430301	Internship		5	250	0	250
T2815	0202430302	Advanced Energy Management		3	90	60	150
T3392	0202430303	ERP-Business Process Integration		2	60	40	100
T2828	0202430304	Six Sigma		2	100	0	100
T3517	0202430305	Energy Analytics		2	60	40	100
F0002	0202430306	Flexi-Credit Course		2	100	0	100
T2255	0202430307	Advanced Strategic Management		2	100	0	100
T2899	0202430308	Environmental Life Cycle Assessment		2	60	40	100
TM2004	0202430309	Industrial Safety and Health management		2	60	40	100
T0100	0202430310	Research Publication *		0	0	0	Non Letter Grade
Total				22	880	220	1100



Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment)
Programme Structure 2021-23

Annexure A

Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
Generic Elective Courses Group							
T2193	0202430311	Project Management		2	60	40	100
T2655	0202430312	Renewable Energy Project Development and Finance		2	60	40	100
T2170	0202430313	Sustainable Supply Chain		2	60	40	100
T2862	0202430314	Business Statistics with R		2	60	40	100
T2415	0202430315	Green Buildings and Rating Systems		2	60	40	100
T2999	0202430316	Circular Economy		2	60	40	100
Total Required Credits				4	120	80	200
Semester : 4							
Generic Core Courses							
T2703	0202430401	Dissertation		3	150	0	150
T2767	0202430402	Industrial Ecology and Waste management		2	60	40	100
F0002	0202430403	Flexi-Credit Course		2	100	0	100
T2801	0202430404	Project		1	50	0	50
Total				8	360	40	400
Generic Elective Courses Group							
T2403	0202430405	Business and Social Impact Management		2	60	40	100
T2409	0202430406	Electricity Regulatory Issues and Mechanisms		2	60	40	100
T2145	0202430407	Sustainable Marketing		2	60	40	100
T2414	0202430408	Environment Modelling and GIS		2	60	40	100
Total Required Credits				4	120	80	200



Celebrating 50 Years of Excellence

Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment)
Programme Structure 2021-23

Semester	Internal Credits	External Credits	Total Credits	Total Marks
Semester 1	6	26	32	1600
Semester 2	8	22	30	1500
Semester 3	11	15	26	1300
Semester 4	6	6	12	600
Total	31	69	100	5000

Dear Sir/Madam,

Reference to SIU letter no SIU/U-110(SIIB, Pune)/2021/2656(A) dated 15/07/2021 regarding approval of programme structure of batch 2020-2022. The details of the revision are as follows:

Academic Year : 2020-2021

Sr.No.	Programme	Batch
1	Master of Business Administration (Energy and Environment) (Revision 05)	2020-2022

The revised programme structure supersedes the previously approved programme structures referred in the above letters.

You are requested to download the same using your Login Credentials the link is :

<http://eduwiz.intechsolutionspune.in/eduwiz/login.html>

Path: Academics->Catalogue->Programme Structure-> View Course Structure -> Select Institute -> Select Academic Year -> Select Programme -> Select Batch -> Select Revision-> Show Course Structure -> Print Programme Structure.

Thanking you.

Sincerely,

Dr. Pravin Dange
Head- Academics

Copy to: Controller of Examinations, SIU

1 Of 1





Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment)
Programme Structure 2020-22

1.	OBJECTIVE	To train students for a rewarding career in business management in the upcoming sector of Energy and Environment			
2.	DURATION (IN MONTHS)	24 (Full Time)			
3.	INTAKE	30			
4.	RESERVATION	I. Within the sanctioned intake	a) SC (In Percentage)	b) ST (In Percentage)	c) Differently abled (In Percentage)
			15	7.5	3
		II. Over and above the sanctioned intake	a) Kashmiri Migrants (In Seats)	b) International Students (In Percentage)	
			2	15	
5.	ELIGIBILITY	Graduate from any recognised University / Institution of National Importance with a minimum of 50% marks or equivalent grade (45% marks or equivalent grade for Scheduled Caste /Scheduled Tribes).			
6.	SELECTION PROCEDURE	Symbiosis National Aptitude Test Score, Group Exercise, Personal Interaction and Writing Ability Test (GE-PIWAT)			
7.	MEDIUM OF INSTRUCTION	English			
8.	PROGRAMME PATTERN	Semester			
9.	COURSE & SPECIALIZATION	As per Annexure A			
10.	FEE		Academic Fee p.a	Institute Deposit	Total
		Indian Students	555000	20000	575000
		International Students (USD equivalent to INR)	835000	20000	855000
11.	ASSESSMENT	All internal courses will have 100% component as internal evaluation at the institute level. All external courses will have 60% internal component and 40% component as external [University] examination.			
12.	STANDARD OF PASSING	The assessment of the student for each examination is done, based on relative performance. Maximum Grade Point (GP) is 10 corresponding to O (Outstanding). For all courses, a student is required to pass both internal and external examination separately with a minimum Grade Point of 4 corresponding to Grade P. Students securing less than 40% absolute marks in each head of passing will be declared FAIL. The University awards a degree to the student who has achieved a minimum CGPA of 4 out of maximum of 10 CGPA for the programme.			
13.	AWARD OF DEGREE/	Master of Business Administration (Energy and Environment) will be awarded at			

	DIPLOMA/ CERTIFICATE	the end of semester IV examination by taking into consideration the performance of all semester examinations after obtaining minimum 4.00 CGPA out of 10 CGPA.					
14. NATURE WISE DISTRIBUTION OF CREDITS							
Semester	Generic Core	Generic Elective	Specialization Core	Specialization Elective	Open Elective	Audit	Total
1	30	2	0	0	0	0	32
2	28	2	0	0	0	1*	30
3	22	4	0	0	0	2*	26
4	8	4	0	0	0	0	12
Total	88	12	0	0	0	0	100

* Satisfactory completion of the non letter grade courses 'Integrated Disaster Management', 'Research Publication' 'Certificate in COVID-19 Care for the Community' is mandatory for award of degree.

The revised programme structure supersedes the previously approved programme structure dated 15/07/2021 for the programme.

This Programme Structure is aligned with the norms laid down by the University and is approved by the Academic Council.
Hereafter changes (if any) which conform to the policy on "Curriculum Development and Review" would be permissible, subject to revision of the Programme Structure, following the specified processes.

Head - Academics

THIS IS SYSTEM GENERATED DOCUMENT AND REQUIRES NO SIGNATURE.



Celebrating 50 Years of Excellence

Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment)
Programme Structure 2020-22

Annexure A

Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
Semester : 1							
Generic Core Courses							
T2408	0202430101	Non Renewable Energy Sources		3	90	60	150
T2816	0202430102	Renewable Energy Sources and Technologies		3	90	60	150
T3439	0202430103	Advanced Data Driven Decision Making		2	100	0	100
T2778	0202430104	Basics of Financial Management		2	60	40	100
T2239	0202430105	Business Communication		2	60	40	100
T2216	0202430106	Business Statistics		2	60	40	100
T2412	0202430107	Climate Change, Carbon Markets and Financing		2	60	40	100
T2442	0202430108	Environment Impact Assessment		2	60	40	100
T2114	0202430109	Essentials of Marketing Management		2	60	40	100
T2003	0202430110	Financial Accounting		2	60	40	100
T2446	0202430111	Governance and Corporate Sustainability		2	100	0	100
T2572	0202430112	Human Resource Management		2	60	40	100
T6075	0202430113	Managerial Economics		2	60	40	100
T2224	0202430114	Research Methodology		1	50	0	50
F2001	0202430115	Introduction to Meta Skills		1	50	0	50
Total				30	1020	480	1500
Generic Elective Courses Group							
T6012	0202430116	Basic German I		2	60	40	100
T6014	0202430117	Basic French I		2	60	40	100
T6016	0202430118	Basic Spanish I		2	60	40	100
T6674	0202430119	Basic Japanese I		2	60	40	100
Total Required Credits				2	60	40	100
Semester : 2							
Generic Core Courses							
T2413	0202430201	Energy Audits and Energy Management		3	90	60	150
T2034	0202430202	Financial Management		2	60	40	100
T2814	0202430203	Business and Natural Capital Management		2	60	40	100
T2006	0202430204	Cost Accounting		2	60	40	100



Celebrating 50 Years of Excellence

Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment)
Programme Structure 2020-22

Annexure A

Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
T2405	0202430205	Environment Management Systems		2	60	40	100
T2385	0202430206	Export Import Management		2	60	40	100
T2387	0202430207	Global Business Environment		2	60	40	100
T2528	0202430208	Management of Operations		2	60	40	100
T2220	0202430209	Operations Research		2	60	40	100
T2573	0202430210	Organizational Behaviour		2	60	40	100
T2416	0202430211	Sustainability Standards - Application, Analysis and Reporting		2	100	0	100
T2513	0202430212	Marketing Research		2	60	40	100
T2152	0202430213	Business to Business Marketing		2	100	0	100
T4005	0202430214	Integrated Disaster Management *		0	0	0	Non Letter Grade
T4665	0202430219	Well for Life		1	50	0	50
Total				28	940	460	1400
Generic Elective Courses Group							
T6013	0202430215	Basic German II		2	60	40	100
T6015	0202430216	Basic French II		2	60	40	100
T6017	0202430217	Basic Spanish II		2	60	40	100
T6675	0202430218	Basic Japanese II		2	60	40	100
Total Required Credits				2	60	40	100
Semester : 3							
Generic Core Courses							
T2905	0202430301	Internship		5	250	0	250
T2815	0202430302	Advanced Energy Management		3	90	60	150
T2255	0202430303	Advanced Strategic Management		2	100	0	100
T3392	0202430304	ERP-Business Process Integration		2	60	40	100
T2828	0202430305	Six Sigma		2	100	0	100
T3517	0202430306	Energy Analytics		2	60	40	100
T2899	0202430307	Environmental Life Cycle Assessment		2	60	40	100
T2443	0202430308	Oil and Gas Economies		2	100	0	100
TM2004	0202430309	Industrial Safety and Health management		2	60	40	100
T0100	0202430310	Research Publication *		0	0	0	Non Letter Grade



Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment)
Programme Structure 2020-22

Annexure A

Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
TH4272	0202430317	Certificate in COVID-19 Care for the Community *		0	0	0	Non Letter Grade
Total				22	880	220	1100
Generic Elective Courses Group							
T2401	0202430311	Contracting in Energy Sector		2	60	40	100
T2193	0202430312	Project Management		2	60	40	100
T2444	0202430313	Public Private Partnerships		2	60	40	100
T2655	0202430314	Renewable Energy Project Development and Finance		2	60	40	100
T2170	0202430315	Sustainable Supply Chain		2	60	40	100
T2862	0202430316	Business Statistics with R		2	60	40	100
Total Required Credits				4	120	80	200
Semester : 4							
Generic Core Courses							
T2703	0202430401	Dissertation		3	150	0	150
T2767	0202430402	Industrial Ecology and Waste management		2	60	40	100
F2002	0202430403	Sustainable Finance and ESG Investment		2	100	0	100
T2801	0202430404	Live Project		1	50	0	50
Total				8	360	40	400
Generic Elective Courses Group							
T2403	0202430405	Business and Social Impact Management		2	60	40	100
T2409	0202430406	Electricity Regulatory Issues and Mechanisms		2	60	40	100
T2414	0202430407	Environment Modelling and GIS		2	60	40	100
T2145	0202430408	Sustainable Marketing		2	60	40	100
Total Required Credits				4	120	80	200



Celebrating 50 Years of Excellence

Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment)
Programme Structure 2020-22

Semester	Internal Credits	External Credits	Total Credits	Total Marks
Semester 1	6	26	32	1600
Semester 2	5	25	30	1500
Semester 3	11	15	26	1300
Semester 4	6	6	12	600
Total	28	72	100	5000