SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act, 1956)
Re-accredited by NAAC with 'A++' Grade | Awarded Category – I by UGC
Founder: Prof. Dr. S. B. Mujumdar, M. Sc., Ph. D. (Awarded Padma Bhushan and Padma Shri by President of India)

Environment and Climate Courses offered in Programme Structures
Academic Year 2022-23

Sr. No.	Course Code	Course Name	Credits	Faculty	Institute Name	Programme	Batch	Semester	Nature of Course (Core / Elective)
1	T2491	Business and Environmental Management	3	Management	SCMS, Pune	Bachelor Of Business Administration	2021	3	Elective
2	T2491	Business and Environmental Management	3	Management	SCMS, Pune	Bachelor Of Business Administration	2021	3	Core
3	T2491	Business and Environmental Management	3	Management	SCMS, Bengaluru	Bachelor of Business Administration	2021	3	Elective
4	T2491	Business and Environmental Management	3	Management	SCMS, Bengaluru	Bachelor of Business Administration	2021	3	Core
5	T2484	Core Environmental Studies	4	Management	SSE, Pune	B.Sc. (Economics) Honours	2022	1	Core
6	T2883	Core Environmental Studies		Medical and Health Sciences	SSPAD, Nagpur	Bachelor of Design	2020	5	Core
7	T2883	Core Environmental Studies		Medical and Health Sciences	SICSR, Pune	Bachelor of Business Administration (Information Technology)	2021	3	Core
8	T2883	Core Environmental Studies		Medical and Health Sciences	SIHS, Pune	Bachelor of Science (Medical Technology)	2021	3	Core
9	T2883	Core Environmental Studies		Medical and Health Sciences	SIHS, Pune	Bachelor of Science (Radiotherapy)	2021	3	Core
10	T2883	Core Environmental Studies		Medical and Health Sciences	SSCA, Pune	Bachelor of Science (Hospitality & Culinary Management)	2022	1	Core
11	T2883	Core Environmental Studies		Medical and Health Sciences	SICSR, Pune	Bachelor of Computer Applications	2021	3	Core
12	T2883	Core Environmental Studies		Medical and Health Sciences	SCMS, Nagpur	Bachelor Of Business Administration	2021	3	Core
13	T2883	Core Environmental Studies		Medical and Health Sciences	SSCA, Pune	Bachelor of Science (Culinary arts)	2022	1	Core
14	T2883	Core Environmental Studies		Medical and Health Sciences	SID, Pune	Bachelor Of Design	2022	1	Core
15	T2883	Core Environmental Studies		Medical and Health Sciences	SCMC, Pune	Bachelor of Arts (Mass Communication)	2022	1	Core
16	T2883	Core Environmental Studies		Medical and Health Sciences	SCMS, Noida	Bachelor Of Business Administration	2022	2	Core
17	TH4027	Environment Health	4	Health and Biological Sciences	SIHS, Pune	Master of Public Health	2022	1	Core
18	T2442	Environment Impact Assessment	2	Management	SIIB, Pune	Master of Business Administration (Energy & Environment)	2022	1	Core
19	T2492	Environment Impact Assessment	3	Management	SCMS, Pune	Bachelor Of Business Administration	2020	5	Core
20	T2492	Environment Impact Assessment	3	Management	SCMS, Pune	Bachelor Of Business Administration	2020	5	Elective
21	T2414	Environment Modelling and GIS	2	Management	SIIB, Pune	Master of Business Administration (Energy & Environment)	2021	4	Elective
22	T6324	Environment, Ecology and Society	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	7	Elective
23	TH4102	Environmental Biotechnology	2	Medical and Health Sciences	SSBS, Pune	Master of Science (Biotechnology)	2021	3	Elective
24	TMC5082	Environmental Documentation & conservation	2	Media and Communication	SSVAP, Pune	Bachelor of Arts (Visual Arts and Photography)	2021	4	Elective
25	T6144	Environmental Economics	4	Humanities and Social Sciences	SSE, Pune	B.Sc. (Economics) Honours	2020	6	Core
26	T7416	Environmental Engineering I	3	Engineering	SIT, Pune	Bachelor of Technology (Civil ENGINEERING)	2020	5	Core
27	T7417	Environmental Engineering I Lab	1	Engineering	SIT, Pune	Bachelor of Technology (Civil ENGINEERING)	2020	5	Core
28	T7419	Environmental Engineering II	3	Engineering	SIT, Pune	Bachelor of Technology (Civil ENGINEERING)	2020	6	Core
29	TE7185	Environmental Fluid Mechanics	3	Engineering	SIT, Pune	Bachelor of Technology (Civil ENGINEERING)	2020	5	Core
30	TE7420	Environmental Geotechniques	3	Engineering	SIT, Pune	Bachelor of Technology (Civil ENGINEERING)	2019	7	Elective
31	TE7186	Environmental Geotechnology	3	Engineering	SIT, Pune	Bachelor of Technology (Civil ENGINEERING)	2019	7	Elective
32	T8163	Environmental Graphic Design	2	Architecture and Design	SID, Pune	Bachelor Of Design	2020	6	Core
33	T8163	Environmental Graphic Design	2	Architecture and Design	SSPAD, Nagpur	Bachelor of Design	2020	6	Core
34	TE7421	Environmental Impact Assessment	3	Engineering	SIT, Pune	Bachelor of Technology (Civil ENGINEERING)	2019	7	Elective
35	T1479	Environmental Law	4	Law	SLS, Noida	Bachelor Of Business Administration & Bachelor Of Laws	2020	6	Core
36	T1479	Environmental Law	4	Law	SLS, Noida	Bachelor Of Arts & Bachelor Of Laws	2020	6	Core
37	T1480	Environmental Law	3	Law	SLS, Pune	Bachelor of Laws	2022	1	Core
38	T1609	Environmental Law	3	Law	SLS, Pune	Bachelor of Arts & Bachelor of Laws (Honours)	2022	2	Core
39	T1609	Environmental Law	3	Law	SLS, Pune	Bachelor of Business Administration & Bachelor of Laws (Honours)	2022	2	Core
40	T2486	Environmental Law	4	Management	SLS, Nagpur	Bachelor of Business Administration and Bachelor of Laws	2019	8	Core
41	T2486	Environmental Law	4	Management	SLS, Nagpur	Bachelor of Arts and Bachelor of Laws	2019	8	Core
42	T2486	Environmental Law	4	Management	SLS, Hyderabad	Bachelor of Arts & Bachelor of Laws	2019	8	Core
43	T2486	Environmental Law	4	Management	SLS, Hyderabad	Bachelor Of Business Administration & Bachelor Of Laws	2019	8	Core
44	T2482	Environmental Law and Governance	1	Management	SIDTM, Pune	Master of Business Administration (Digital and Telecom Management)	2022	2	Core
45	TE7187	Environmental Laws and Policy	3	Engineering	SIT, Pune	Bachelor of Technology (Civil			Elective

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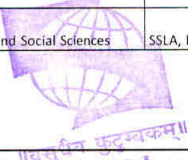
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Environment and Climate Courses offered in Programme Structures
Academic Year 2022-23

Sr. No.	Course Code	Course Name	Credits	Faculty	Institute Name	Programme	Batch	Semester	Nature of Course (Core / Elective)
						ENGINEERING)			
46	T2899	Environmental Life Cycle Assessment	2	Management	SIIB, Pune	Master of Business Administration (Energy & Environment)	2021	3	Core
47	T2487	Environmental Pollution	3	Management	SCMS, Pune	Bachelor Of Business Administration	2020	5	Elective
48	T2483	Environmental Risk Management	3	Management	SCMS, Pune	Bachelor Of Business Administration	2020	6	Core
49	T2483	Environmental Risk Management	3	Management	SCMS, Pune	Bachelor Of Business Administration	2020	6	Elective
50	TE7188	Environmental Science	2	Engineering	SIT, Nagpur	Bachelor of Technology (Computer Science and Engineering)	2022	2	Elective
51	TE7188	Environmental Science	2	Engineering	SIT, Nagpur	Bachelor of Technology (Computer Science and Engineering)	2022	1	Elective
52	TE7188	Environmental Science	2	Engineering	SIT, Pune	Bachelor of Technology (Artificial Intelligence & Machine Learning)	2022	2	Core
53	TE7188	Environmental Science	2	Engineering	SIT, Pune	Bachelor of Technology (Civil ENGINEERING)	2022	1	Core
54	TE7188	Environmental Science	2	Engineering	SIT, Pune	Bachelor of Technology (Computer Science and ENGINEERING)	2022	2	Core
55	TE7188	Environmental Science	2	Engineering	SIT, Pune	Bachelor of Technology (Robotics and Automation)	2022	1	Core
56	TE7188	Environmental Science	2	Engineering	SIT, Pune	Bachelor of Technology (Electronics & Telecommunication ENGINEERING)	2022	1	Core
57	TE7188	Environmental Science	2	Engineering	SIT, Pune	Bachelor of Technology (Mechanical ENGINEERING)	2022	1	Core
58	T2484	Environmental Studies	4	Management	SCMS, Bengaluru	Bachelor of Business Administration	2022	2	Core
59	T2484	Environmental Studies	4	Management	SCMS, Pune	Bachelor Of Business Administration	2022	2	Core
60	TE7190	Environmental Systems	3	Engineering	SIOM, Nashik	Master of Business Administration (Operations Management)	2021	4	Elective
61	TE7190	Environmental Systems	3	Engineering	SIT, Pune	Bachelor of Technology (Civil ENGINEERING)	2020	5	Core
62	T1590	EU Environmental Law	2	Law	SLS, Pune	Bachelor of Arts & Bachelor of Laws (Honours)	2020	5	Elective
63	T1590	EU Environmental Law	2	Law	SLS, Pune	Bachelor of Business Administration & Bachelor of Laws (Honours)	2020	5	Elective
64	T1590	EU Environmental Law	2	Law	SLS, Pune	Master Of Laws	2022	2	Elective
65	T1590	EU Environmental Law	2	Law	SLS, Pune	Master Of Laws	2022	1	Elective
66	T1590	EU Environmental Law	2	Law	SLS, Pune	Bachelor of Arts & Bachelor of Laws (Honours)	2019	7	Elective
67	T1590	EU Environmental Law	2	Law	SLS, Pune	Bachelor of Business Administration & Bachelor of Laws (Honours)	2019	7	Elective
68	T2494	Global Environmental Challenges	3	Management	SCMS, Pune	Bachelor Of Business Administration	2021	3	Elective
69	T2494	Global Environmental Challenges	3	Management	SSVAP, Pune	Bachelor of Arts (Visual Arts and Photography)	2021	4	Core
70	T2494	Global Environmental Challenges	3	Management	SCMS, Bengaluru	Bachelor of Business Administration	2021	3	Elective
71	T5479	Health, Environment, Science and Technology Reporting	2	Media and Communication	SCMC, Pune	Bachelor of Arts (Mass Communication)	2020	5	Core
72	T2487	Introduction to Environmental Pollution	3	Management	SCMS, Pune	Bachelor Of Business Administration	2020	5	Elective
73	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	7	Elective
74	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	8	Elective
75	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	8	Elective
76	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	7	Elective
77	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	8	Elective
78	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	7	Elective
79	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	8	Elective
80	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	7	Elective
81	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	8	Elective
82	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	5	Elective
83	T6558	Politics of Ecology and Environment in	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours /	2020	5	Elective

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Environment and Climate Courses offered in Programme Structures
Academic Year 2022-23

Sr. No.	Course Code	Course Name	Credits	Faculty	Institute Name	Programme	Batch	Semester	Nature of Course (Core / Elective)
		Developing Countries				Bachelor of Science (Liberal Arts) Honours			
84	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	6	Elective
85	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	5	Elective
86	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	6	Elective
87	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	6	Elective
88	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	5	Elective
89	T6558	Politics of Ecology and Environment in Developing Countries	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	6	Elective
90	T8515	Society, Environment and Design	1	Architecture and Design	SSPAD, Nagpur	Bachelor of Design	2022	2	Core
91	T8515	Society, Environment and Design	1	Architecture and Design	SID, Pune	Bachelor Of Design	2022	2	Core
92	T6647	Trade and Environment	2	Humanities and Social Sciences	SSE, Pune	Master Of Science (Economics)	2021	3	Elective
93	T1628	Trade and Environment Law in EU	2	Law	SLS, Pune	Master Of Laws	2022	1	Elective
94	T1628	Trade and Environment Law in EU	2	Law	SLS, Nagpur	Bachelor of Business Administration and Bachelor of Laws	2019	8	Elective
95	T6536	Urban Energy and Environment	2	Humanities and Social Sciences	SSE, Pune	Master Of Science (Economics)	2021	4	Elective
96	T6341	Women and Environment Eco-feminism	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	7	Elective
97	T6341	Women and Environment Eco-feminism	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	8	Elective
98	T6341	Women and Environment Eco-feminism	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	5	Elective
99	T6341	Women and Environment Eco-feminism	4	Humanities and Social Sciences	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	6	Elective
100	TM2016	Climate Change and Business	3	Management	SCMS, Pune	Bachelor Of Business Administration	2020	6	Elective
101	T2653	Climate Change and Infrastructure	1	Management	SCMHRD, Pune	Master of Business Administration (Infrastructure Management)	2022	1	Core
102	T2412	Climate Change,Carbon Markets andFinancing	2	Management	SIIB, Pune	Master of Business Administration (Energy & Environment)	2022	1	Core
103	T1695	Climate Justice: Law, Governance, Management and Policy (EU and Asia)	2	Law	SLS, Nagpur	Master of Laws	2022	2	Elective
104	T1721	Comparative Climate Justice	2	Law	SLS, Pune	Master Of Laws	2022	1	Elective
105	T1721	Comparative Climate Justice	2	Law	SLS, Pune	Master Of Laws	2022	1	Elective
106	T1721	Comparative Climate Justice	2	Law	SLS, Pune	Bachelor of Business Administration & Bachelor of Laws (Honours)	2022	1	Elective
107	T1721	Comparative Climate Justice	2	Law	SLS, Pune	Bachelor of Arts & Bachelor of Laws (Honours)	2019	7	Elective
108	T1721	Comparative Climate Justice	2	Law	SLS, Pune	Bachelor of Business Administration & Bachelor of Laws (Honours)	2019	7	Elective
109	T1721	Comparative Climate Justice	2	Law	SLS, Pune	Bachelor of Business Administration & Bachelor of Laws (Honours)	2020	5	Elective
110	T1721	Comparative Climate Justice	2	Law	SLS, Pune	Bachelor of Arts & Bachelor of Laws (Honours)	2020	5	Elective
111	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	7	Elective
112	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	8	Elective
113	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	7	Elective
114	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	8	Elective
115	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	6	Elective
116	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	5	Elective

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Environment and Climate Courses offered in Programme Structures
Academic Year 2022-23

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117	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	5	Elective
118	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	6	Elective
119	TM2005	Environmental Studies: Our Common Earth	2	Management	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2022	1	Core
113	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	7	Elective
114	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Science / Arts (Liberal Arts)	2019	8	Elective
115	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	6	Elective
116	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	5	Elective
117	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	5	Elective
118	T2879	Living with Climate Change	4	Management	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2020	6	Elective
119	TM2005	Environmental Studies: Our Common Earth	2	Management	SSLA, Pune	Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours	2022	1	Core

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Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment) Programme Structure 2022-24

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	633000	20000	653000
		International Students (USD equivalent to INR)	950000	20000	970000
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	0	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' is mandatory for award of degree.

The revised programme structure supersedes the previously approved programme structure dated 01/06/2022 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

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Symbiosis Institute of International Business, Pune
Master of Business Administration (Energy and Environment)
Programme Structure 2022-24

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	60	40	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 andFinancing		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
			Total	**30**	**980**	**520**	**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	90	60	150
T2814	0202430202	Business and Natural Capital Management		2	100	0	100
T2006	0202430203	Cost Accounting		2	60	40	100
TM2110	0202430204	Environment Management Systems and Audits		3	150	0	150

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Annexure A

Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
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
TM2091	0202430211	Electric Vehicle (EV) Mobility and Business		1	50	0	50
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**	**1020**	**380**	**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
T2193	0202430306	Project Management		2	60	40	100
T2255	0202430307	Advanced Strategic Management		2	100	0	100
T2899	0202430308	Environmental Life Cycle Assessment		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
		Total		**22**	**880**	**220**	**1100**
Generic Elective Courses Group							

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Annexure A

Catalog Course Code	Course Code	Course Title	Specialization	Credit	Internal Marks	External Marks	Total Marks
T2443	0202430311	Oil and Gas Economies		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
T2152	0202430316	Business to Business Marketing		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**

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Semester	Internal Credits	External Credits	Total Credits	Total Marks
Semester 1	4	28	32	1600
Semester 2	9	21	30	1500
Semester 3	11	15	26	1300
Semester 4	6	6	12	600
Total	**30**	**70**	**100**	**5000**