



Celebrating 50 Years of Excellence

Symbiosis Statistical Institute, Pune
Master of Science (Applied Statistics)
Programme Structure 2020-22

1.	OBJECTIVE	To Provide a sound foundation and exposure to statistical ideas. To steer students towards developing a keen interest in statistical thinking. To instill the rational that Statistics is important for scientific research which forms the basic grounds of decision making in every aspect of life.			
2.	DURATION (IN MONTHS)	24 (Full Time)			
3.	INTAKE	45			
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 minimum of 50% marks (45% for Scheduled Caste/ Scheduled Tribes) in 1. B.Sc. with Statistics as principal and Mathematics at subsidiary level 2. B.Sc. with Mathematics as principal and Statistics at subsidiary level 3. B.Sc. in Actuarial Science with Mathematics and Statistics at subsidiary level 4. B.Sc. with Statistics as one of the subjects 5. B.C.S. with Statistics as one of the subjects 6. B.C.A. with Statistics as one of the subjects 7. B.E. with Mathematics/Statistics at subsidiary level			
6.	SELECTION PROCEDURE	Selection of students is based on: 1. Academic record with minimum 50 percent (45% for SC/ST) at graduation level 2. Performance at the "Writing Aptitude Test (Technical and Academic)" (WAT) and Personal Interaction (PI) which will be conducted in Kolkata, Noida and Pune. WAT is a written test that will be scheduled along with a comprehensive Personal Interaction (PI). 3. Technical and Academic Writing Test - Essay type written test on a general topic to comprehend the writing skills of the candidate. Personal Interaction - Interaction with a panel of experts			
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



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		Indian Students	210000	10000	220000
		International Students (USD equivalent to INR)	315000	10000	325000
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% external component [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 Science (Applied Statistics) will be awarded at the end of semester IV examination by taking into consideration the performance of all semester examinations after obtaining minimum CGPA of 4 out of maximum of 10 CGPA			
14.	NATURE WISE DISTRIBUTION OF CREDITS				

Semester	Generic Core	Generic Elective	Specialization Core	Specialization Elective	Open Elective	Audit	Total
1	22	0	0	0	0	1*	22
2	23	0	0	0	0	0	23
3	16	4	3	0	0	1*	23
4	8	0	0	4	0	0	12
Total	69	4	3	4	0	0	80

* Satisfactory completion of the non letter grade courses 'Integrated Disaster Management' and 'Research Publication' is mandatory for award of degree.

The revised programme structure supersedes the previously approved programme structure dated 09/06/2020 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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