

# MGM University, Chhatrapati Sambhajnagar



**Name of Faculty:** Basic and Applied Science

**Name of the College/Institute/Department/School:** University department of Basic and Applied Science

**Name of the Programme:** B.Sc./B.Sc. (Hons) Environmental Science /B.Sc. (Hons) with Research in Environmental Science

**Programme Type (UG/PG):** UG

**Duration:** 6/8 Semester

First Year - Semester I												
Course Category	Course Code	Course Title	Nature of Course	No. of Credits	Teaching (Contact hrs/week)		Evaluation Scheme (Marks)			Minimum Passing (Marks)		
					L	P	Internal	External	Total	Internal	External	Total
MM	BSE43MML101	Foundation of Environment	L	2	2	-	30	20	50		08	20
MM	BSE43MML102	Natural Resource Management	L	2	2	-	30	20	50		08	20
IKS	MGMXXIKLXXX	*Indian Knowledge system	L	2	2	-	30	20	50		08	20
AEC	MGM54AELXXX	*Ability Enhancement Course	L	2	2	-	30	20	50		08	20
OE	MGMXXOELXXX	*Open Elective – I	L	2	2	-	30	20	50		08	20
VSC	BSE43VSL101	\$ Qualitative and Quantitative analysis of Water Pollution I	L	2	2	-	30	20	50		08	20
VEC	MGMXXVELXXX	*Value Education course 1	L	2	2	-	30	20	50		08	20
SEC	BSE43SEL101	\$ Qualitative and Quantitative analysis of Water Pollution II	P	2	-	4	30	20	50		08	20
OE	MGMXXOELXXX	Open Electives – II	P	2	-	4	30	20	50		08	20
MM	BES43MMP101	ES Lab Course I & II	P	2	-	4	30	20	50		08	20
CC	MGMXXCCPXXX	Co – curricular course I	P	2	-	4	30	20	50		08	20
<b>Total</b>				<b>22</b>	<b>14</b>	<b>16</b>			<b>550</b>			

**Note: Nature of Course:** L- Lecture, P-Practical, S-Seminar, J-Project, I-Internship, D-Dissertation,

**Course Category:** MM-Major Mandatory, ME-Major Elective, MI-Minor, OE-Generic / Open electives, VSC-Vocational skill course, SEC-Skill Enhancementcourse, AEC-Ability Enhancement course, IKS-Indian Knowledge system, VEC-Value Education course, OJT-On Job Training / Internship / Apprenticeship, FP-Field project, CEP-Community engagement and service, CC-Co – curricular course, RM-Research methodology, RP-Research project

**\*To be chosen from MGM University Basket**

NEP Incharge

HOD  
Environmental Science

Director  
School of Basic & Applied Science

Dean  
Faculty of Basic & Applied Science

## MGM University, Chhatrapati Sambhajinagar

First Year- Semester II												
Course Category	Course Code	Course Title	Nature of Course	No. of Credits	Teaching (Contact hrs/ week)		Evaluation Scheme (Marks)			Minimum Passing (Marks)		
					L	P	Internal	External	Total	Internal	External	Total
MM	BSE43MML103	Solid & Hazardous Waste Management	L	2	2	-	30	20	50		08	20
MM	BSE43MML104	Chemical Aspects of Environment	L	2	2	-	30	20	50		08	20
MI	MGMXXMIXXX	*Minor 1	L	2	2	-	30	20	50		08	20
AEC	MGM54AEL1XX	Ability Enhancement Course II	L	2	2	-	30	20	50		08	20
OE	MGMXXOELXXX	*Open Electives – III	L	2	2	-	30	20	50		08	20
VSC	BSE43VSL102	Qualitative and Quantitative analysis of Air Pollution I	L	2	2	-	30	20	50		08	20
VEC	MGMXXVELXXX	*Value Education course II	L	2	2	-	30	20	50		08	20
SEC	BSE43SEP102	Qualitative and Quantitative analysis of Air Pollution II	P	2	-	4	30	20	50		08	20
OE	MGMXXOELXXX	*Open Electives – IV	P	2	-	4	30	20	50		08	20
MM	BSE43MMP102	ES Lab Course III & IV	P	2	-	4	30	20	50		08	20
CC	MGMXXCCP1XX	*Co – curricular course II	P	2	-	4	30	20	50		08	20
<b>Total</b>				<b>22</b>	<b>14</b>	<b>16</b>			<b>550</b>			

## MGM University, Chhatrapati Sambhajinagar

**Name of Faculty: Basic and Applied Sciences**

**Name of the College/Institute/Department/School:** University Department of Basic and Applied Science

**Name of the Programme:** M.Sc. Environmental Science

**Programme Type (PG):** PG

**Duration: 2 year**

<b>First Year - Semester I</b>												
Course Category	Course Code	Course Title	Nature of Course	No. of Credits	Teaching (Contact hrs/ week)		Evaluation Scheme (Marks)			Minimum Passing (Marks)		
					L	P	Internal	External	Total	Internal	External	Total
MM	MSE43MML501	Foundation Course on Environment	L	2	2	-	30	20	50	-	08	20
MM	MSE43MML502	Physical and chemical Aspects of Environment	L	3	3	-	60	40	100	-	16	40
MM	MSE43MML503	Techniques in Environment and Analysis	L	3	3	-	60	40	100	-	16	40
ME	MSE43MELXXX	*Elective I	L	4	4	-	60	40	100	-	16	40
RM	MSE43RML501	Research Methodology	L	4	4	-	60	40	100	-	16	40
MM	MSE43MMP501	ES Lab 1	P	2	-	4	30	20	50	-	08	20
MM	MSE43MMP502	ES Lab 2	P	2	-	4	30	20	50	-	08	20
MM	MSE43MMP503	ES Lab 3	P	2	-	4	30	20	50	-	08	20
		<b>Total</b>		<b>22</b>	<b>16</b>	<b>12</b>			<b>600</b>			

**Note:**

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First Year- Semester II												
Course Category	Course Code	Course Title	Nature of Course	No. of Credits	Teaching (Contact hrs/ week)		Evaluation Scheme (Marks)			Minimum Passing (Marks)		
					L	P	Internal	External	Total	Internal	External	Total
MM	MSE43MML504	Environmental Engineering & Technology	L	3	3	-	60	40	100		16	40
MM	MSE43MML505	Application of Green Technology	L	3	3	-	60	40	100		16	40
MM	MSE43MML506	Environmental Biotechnology	L	2	2	-	30	20	50		08	20
ME	MSE43MELXXX	Elective II	L	4	4	-	60	40	100		16	40
FP	MSE43FPJ501	Field projects	J	4	-	8	60	40	100		16	40
MM	MSE43MMP504	ES Lab 4	P	2	-	4	30	20	50		08	20
MM	MSE43MMP505	ES Lab 5	P	2	-	4	30	20	50		08	20
MM	MSE43MMP506	ES Lab 6	P	2	-	4	30	20	50		08	20
<b>Total</b>					<b>22</b>	<b>12</b>	<b>20</b>			600		

**Note:**

**\*To be chosen from department basket**

**Nature of Course:** L- Lecture, P-Practical, S-Seminar, J-Project, I-Internship, D-Dissertation,

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**Exit option: PG Diploma (44 Credits) after Three Year UG Degree**