

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

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B. Arch. Scheme Structure & Semester-Wise Credit Distribution (Under Flexible Curriculum)

General Definition:

Category Code	Course category
L	Lecture
T	Tutorial
P/ST	Practical / Studio
DC	Departmental(Professional) Core
BSAE	Building Science & Applied Engineering
DE	Departmental(Professional) Elective
PAEC	Professional Ability Enhancement Course
SEC	Skill Enhancement Course
MAC	Mandatory Audit Course

Definition of Credit:

As per Council of Architecture (CoA) Recommendation

1 Lecture period/ hour	1 Credit
2 Lab/ Workshop/ Studio Exercise Periods/ Hours	1 Credit
1 Design Studio/ Construction Studio/ Project/ Thesis Period/ Hour	1.5 Credit

Credit Requirements & Guidelines for MOOCs

- As per the recommendation and Council of Architecture (CoA), Provision 260 credits have been made to pass the B. Architecture course of five Years.
- Note: In partial fulfillment of the flexible curriculum, a mandate provision to earn credits through E-Learning (NPTEL/MOOC etc.) based Departmental Core/Elective (DC/DE) has been introduced.
- Up to 52 credits out of total 260 credits for B. Architecture students can be earned through SWAYAM /NPTEL / MOOC platform based learning for the award of UG degree in Architecture
- The guidelines regarding “credit transfer from MOOCs” by All India Council of Technical Education (AICTE) and the affiliating university, i.e RGPV Bhopal, as issued from time to time will be binding on the institute.
- The list of courses which the students can opt from the SWAYAM /NPTEL / MOOC platform against DE courses in the scheme will be displayed on the website well in advance, (in November & June) so that students can select the courses of their choice. Each such Course must be of minimum 2 credits.
- For the courses opted under MOOC, the equivalent credit weightage will be given to the students, for the credits earned in online examination on SWAYAM/NPTEL platform

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and other similar platforms as approved by the authorized bodies (BoS, AC etc) , in the credit plan of the program w.e.f. 2017-18 admitted batch onwards.

Proposed Structure of Bachelor of Architecture (B.Arch.) program

Category Code	Course Category	Weightage in terms of credits as per CoA norms (2017 regulations)	No of courses	Total credits	Weightage in terms of credits achieved
DC	Departmental(Professional) Core	45%	20	124	48%
BSAE	Building Science & Applied Engineering	20%	14	55	21%
DE	Departmental(Professional) Elective	10%	8	23	9%
PAEC	Professional Ability Enhancement Course	15%	7	36	14%
SEC	Skill Enhancement Course	5%	12	18	7%
CLC	Novel engaging course	-	4	4	1%
TOTAL		100%	65	260	100%
MC	Mandatory Audit Course	5%	4	8	3 %

MCQ: Multiple Choice Question

AO: Assignment + Oral

OB: Open Book

PP: Pen Paper

#compulsory registration for one online course using SWAYAM/NPTEL/ MOOC, evaluation through attendance, assignments and presentation

***subjects which are of more theoretical in nature**

****subjects which are of more designing/algorithmic/computational in nature**

*****subjects which are of partially computational/design /programming nature (i.e. conceptual building part can be covered in online mode + computing /design part in offline mode or for MOOC based courses, the mentoring slot can be treated as offline mode delivery of partial contents to make the teaching learning “Blended”)**

§Proficiency in course/subject – includes the weightage towards ability/ skill/ competence /knowledge level /expertise attained /attendance etc. in that particular course/subject

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Masters of Urban Planning FIRST YEAR FIRST SEMESTER

For 2022 batch Onwards

S.No	Subject Code	Subject Name	Maximum Marks Allotted					Teaching Hours per Week			Total credits	Total Marks
			Theory			Practical		Lectures (L)	Tutorials (T)	Practical/Studios (P/S)		
			End Sem	Mid Sem Test	Assignment/Quiz	End Sem	Studio Work/Sessional					
1.	670112	Planning Principles and Theory	70	20	10	-	-	2	1	-	3	100
2.	670113	Socio-Economic Basis for Planning	70	20	10	-	-	2	1	-	3	100
3.	670114	Planning Techniques	70	20	10	-	-	2	1	-	3	100
4.	670116	Infrastructure and Transportation Planning	70	20	10	-	-	2	1	-	3	100
5.	670117	Housing	70	20	10	-	-	2	1	-	3	100
6.	670118	GIS Lab	-	-	-	60	40	-	-	3	3	100
7.	670119	Studio - Local Level/ Sub-City Level Planning	-	-	-	120	80	-	-	9	9	200
			350	100	50	180	120	10	5	12	27	800

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Masters of Urban Planning SECOND YEAR FIRST SEMESTER

For 2022 batch Onwards

S.No	Subject Code	Subject Name	Maximum Marks Allotted					Teaching Hours per Week			Total credits	Total Marks
			Theory			Practical		Lectures (L)	Tutorials (T)	Practical/Studios (P/S)		
			End Sem	Mid Sem Test	Assignment/Quiz	End Sem	Studio Work/Sessional					
1.	670212	City and Metropolitan Planning	70	20	10	-	-	2	1	-	3	100
2.	670213	Design of Human Settlement	70	20	10	-	-	2	1	-	3	100
3.	670214	Urban Development Finance & Project Planning	70	20	10	-	-	2	1	-	3	100
4.	670215	Statistics and Population Studies	70	20	10	-	-	2	1	-	3	100
5.	-	Elective - I	70	20	10	-	-	2	1	-	3	100
6.	670218	Seminar (Social Research/ Report Writing)	-	-	-	60	40	-	-	3	3	100
7.	670219	Studio - City Level Planning	-	-	-	120	80	-	-	9	9	200
			350	100	50	180	120	10	5	12	27	800

S no	Elective	Sub code	Sub Name	Remark
1.	Elective - I	670216	Urban Heritage Conservation	

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		670217	Governance and Management in Planning	
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Masters of Urban Planning THIRD YEAR SECOND SEMESTER

For 2022 batch Onwards

S.No	Subject Code	Subject Name	Maximum Marks Allotted					Teaching Hours per Week			Total credits	Total Marks
			Theory			Practical		Lectures (L)	Tutorials (T)	Practical/Studios (P/S)		
			End Sem	Mid Sem Test	Assignment/Quiz	End Sem	Studio Work/Sessional					
1.	670315	Planning Legislation & Professional Practice	70	20	10	-	-	2	1	-	3	100
2.	670316	Regional Planning & Development	70	20	10	-	-	2	1	-	3	100
3.		Elective -II	70	20	10	-	-	2	1	-	3	100
4.	670319	Pre- Dissertation	-	-	-	60	40	-	-	3	3	100
5.	670320	Studio - District or Regional Level Planning	-	-	-	120	80	-	-	9	9	200
			210	60	30	180	120	6	3	12	21	600

S no	Elective	Sub code	Sub Name	Remark
1.	Elective - II	670317	Planning for Land Economics & Management	
		670318	Public Policies in Planning	

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Masters of Urban Planning FOURTH YEAR SECOND SEMESTER

For 2022 batch Onwards

S.No	Subject Code	Subject Name	Maximum Marks Allotted					Teaching Hours per Week			Total credits	
			Theory			Practical		Lectures (L)	Tutorials (T)	Practical/Studios (P/S)		
			End Sem	Mid Sem Test	Assignment/Quiz	End Sem	Studio Work/Sessional					
1.	670401	Dissertation	-	-	-	200	300	-	-	20	20	500
		TOTAL	-	-	-	200	300	-	-	20	20	500