

MDes Program
June 2024, IDC School of Design IIT Bombay
(2024 - 2026) Batch

Industrial Design - 1st Semester – (Autumn)

Course No.	Course Name	L	T	ST	Total Credits
DE 603	Presentation and communication skills	0	0	2	2.0
DE 605	Workshop skills	0	0	2	4.0
DE 607	Studies in form 1	0	0	4	6.0
DE 609	Product design 1	1	0	4	6.0
DE 610	Nature of materials and processes	2	0	2	6.0
DE 611	Elements of design	1	0	4	6.0
DE 627	Indian thought and tradition	1	0	4	4.0
DE 663	Sketching 1	2	0	0	4.0
Total Credits for Semester 1					38.0

2nd Semester – (Spring)

Course No.	Course Name	L	T	ST	Total Credits
DE 614	Design Workshop	0	0	2	2.0
DE 602	Product interface design	1	0	2	4.0
DE 604	Introduction to product ergonomics	2	0	0	4.0
DE 606	Studies in form 2	1	0	4	6.0
DE 608	Product design 2	1	0	4	6.0
DE 612	Design issues	2	0	0	4.0
DE 654	Sketching 2	0	0	4	4.0
DE 680	Product Detailing	1	0	2	4.0
Elective 1					4.0
Total Credits for Semester 2					38.0

3rd Semester - (Autumn)

Course No.	Course Name	L	T	ST	Total Credits
DE 702	Arts design and society 1	2	0	0	4.0
DE 804	Qualitative Design Research Methods	2	0	2	6.0
DEP 701	M.Des Project 1 (Mid May - Mid June, 6 credits)				6.0
DEP 702	M.Des Project 2 (Mid July - End November, 18 credits)				18.0
Elective 2					4.0
Elective 3					4.0
Total Credits for					42.0

4th Semester – (Spring)

Course No.	Course Name	L	T	ST	C	Total Credits
Soft Core		0	0	12	12	12.0
DEP703	M.Des Project 3 (From Dec to May) (Stage 1 & 2)					30.0 (12+18)
Elective*						
Total Credits for Semester 4						42.0
Total Credits for M.Des Program						160.0

Soft Core

DEP 706 / DE 687	Design research seminar Design Exploration Seminar I	Select any one of the two courses of 12 credits
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*In semester 4, there will be an option to overload up to 8 credits. If the student opts for this, she/he can take the course DE 703 Arts design and society 2 and/or any Elective in the spring semester. Total Credits for M Des Programme in Industrial Design will be 160 to 168.

Communication Design (Visual Communication)

1st Semester – (Autumn)

Course No.	Course Name	L	T	ST	Total Credits
DE 613	Visual Language Syntactics	0	0	4	4.0
DE 615	Studies in Typography	1	0	2	4.0
DE 617	Introduction to Advanced photography	0	0	4	4.0
DE 619	The Speaking Image	1	0	2	4.0
DE 621	Media Technology	1	0	2	4.0
DE 623	Visual Design	0	0	4	4.0
DE 625	Introduction to Filmmaking	0	0	4	4.0
DE 627	Indian thought and tradition	2	0	0	4.0
DE 688	Sketching for Communication Design	1	0	2	4.0
Total Credits for Semester 1					36.0

2nd Semester – (Spring)

Course No.	Course Name	L	T	ST	Total Credits
DE 614	Design Workshop	0	0	2	2.0
DE 616	Introduction to user studies	0	0	2	2.0
DE 618	Semantics and communication theory	2	0	2	6.0
DE 612	Design Issues	2	0	0	4.0
DEP 602	Communication Design Project				18.0
Elective 1					4.0
Total Credits for Semester 2					36.0

3rd Semester – (Autumn)

Course No.	Course Name	L	T	ST	Total Credits
DE 701	Visual Ergonomics and Human Perception	1	0	2	4.0
DE 702	Arts design and society 1	2	0	0	4.0
DE 804	Qualitative Design Research Methods	2	0	2	6.0
DEP 701	M.Des Project 1 (Mid May-Mid June)				6.0
DEP 702	M.Des Project 2 (July – Nov)				18.0
Electives 2					4.0
Electives 3					4.0
Total Credits for Semester 3					46.0

4th Semester – (Spring)

Course No.	Course Name	L	T	ST	C	Total Credits
Soft Core		0	0	12	12	12.0
DEP703	M.Des Project 3 (From Dec to May) (Stage 1 & 2)					30.0 (12+18)
Elective*						
Total Credits for Semester 4						42.0
Total Credits for M.Des Program						160.0

Soft Core

DEP 706 / DE 687	Design research seminar Design Exploration Seminar I	Select any one of the two courses of 12 credits
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*In semester 4, there will be an option to overload up to 8 credits. If the student opts for this, she/he can take the course DE 703 Arts design and society 2 and/or any Elective in the spring semester. Total Credits for M Des Programme in Communication Design will be 160 to 168.

Interaction Design

1st Semester – (Autumn)

Course No.	Course Name	L	T	ST	Total Credits
DE 708	Introduction to Interface Design	2	0	2	6.0
DE 689	Theoretical Perspectives in Design	2	0	2	6.0
DE 637	User Studies	0	0	4	4.0
DE 641	Interaction, media, senses	2	0	2	6.0
DE 710	Design Evaluation	1	0	4	6.0
DE 630	Trends in Interactive Technologies	0	0	4	4.0
DE 627	Indian thought and tradition	2	0	0	4.0
Total Credits for Semester 1					36.0

2nd Semester – (Spring)

Course No.	Course Name	L	T	ST	Total Credits
DE 626	Human factors in interaction design	2	1	0	4.0
DE 318	Interaction Techniques	1	0	4	6.0
DE 628	Interaction Design	2	0	2	6.0
DE 614	Design Workshop	0	0	2	2.0
DE 803	Quantitative Design Research Methods	2	0	2	6.0
DE 712	Immersive Media Design	2	0	2	6.0
DE 612	Design Issues	2	0	0	4.0
Elective 1					4.0
Total Credits for Semester 2					38.0

Summer (DRS/DES)

Course No.	Course Name	
DEP 706 / DE 687	Design research seminar Design Exploration Seminar I	Select any one of the two courses of 12 credits

3rd Semester – (Autumn)

Course No.	Course Name	L	T	ST	Total Credits
DE 702	Arts Design and Society 1	2	0	0	4.0
DE 714	Design Fiction	2	0	2	6.0
DE 804	Qualitative Design Research Methods	3	0	0	6.0
DEP702	M.Des Project 2 (Mid July – November)				18.0
DEP 706 / DE 687	Design research seminar Design Exploration Seminar I	0	0	12	12
Elective 2					4.0
Elective 3					4.0
Total Credits for Semester 3					54.0

4th Semester – (Spring)

Course No.	Course Name	L	T	ST	C	Total Credits
DEP703	M.Des Project 3 (From Dec to May) (Stage 1 & 2)					30.0 (12+18)
	Elective*					
	Total Credits for Semester 4					30.0
	Total Credits for M.Des Program					158.0

**In semester 4, there will be an option to overload up to 8 credits. If the student opts for this, she/he can take the course DE 703 Arts design and society 2 and/or any Elective in the spring semester. Total Credits for MDes Programme in Interaction Design will be 162 to 164.

*In semester 4, there will be an option to overload up to 8 credits. If the student opts for this, she/he can take the course DE 703 Arts design and society 2 and/or any Elective in the spring semester. Total Credits for M Des Programme in Interaction Design will be 158 to 166.

Animation

1st Semester – (Autumn)

Course No.	Course Name	L	T	ST	Total Credits
DE 643	Digital Animation 1	1	0	0	2.0
DE 645	Animation Theory 1	1	0	2	4.0
DE 613	Visual Language Syntactics	0	0	4	4.0
DE 647	Animation Principles 1	2	0	2	6.0
DE 649	Animation design 1	2	0	2	6.0
DE 627	Indian thought and tradition	2	0	0	4.0
DE 651	Sketching & Anatomy 1	1	0	2	4.0
DE 323	Stop Motion Animation	1	0	4	6.0
Total Credits for Semester 1					36.0

2nd Semester – (Spring)

Course No.	Course Name	L	T	ST	Total Credits
DE 614	Design Workshop	0	0	2	2.0
DE 624	Introduction to filmmaking	0	0	2	2.0
DE 632	Acting and staging	1	0	0	2.0
DE 634	Digital Animation 2	1	0	0	2.0
DE 636	Animation theory 2	1	0	2	4.0
DE 638	Animation Principles 2	2	0	2	6.0
DE 640	Animation design 2	2	0	2	6.0
DE 612	Design Issues	2	0	0	4.0
DE 642	Sketching and Anatomy 2	1	0	2	4.0
DE 709	Sound and Camera	1	0	2	4.0
Elective 1					4.0
Total Credits for Semester 2					40.0

3rd Semester – (Autumn)

Course No.	Course Name	L	T	ST	Total Credits
DE 702	Arts design and society 1	2	0	0	4.0
DE 711	Animation Production	1	0	2	4.0
DEP 701	M.Des Project 1 (Mid May- Mid June)				6.0
DEP 702	M.Des Project 2 (Mid July – Nov)				18.0
Elective 2					4.0
Elective 3					4.0
Total Credits for Semester 3					40.0

4th Semester – (Spring)

Course No.	Course Name	L	T	ST	C	Total Credits
Soft Core		0	0	12	12	12.0
DEP703	M.Des Project 3 (From December to May) (Stage 1 & 2)					30.0 (12+18)
Elective*						
Total Credits for Semester 4						42.0
Total Credits for M.Des Program						158.0

Soft Core

DEP 706 / DE 687	Design research seminar Design Exploration Seminar I	Select any one of the two courses of 12 credits
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*In semester 4, there will be an option to overload up to 8 credits. If the student opts for this, she/he can take the course DE 703 Arts design and society 2 and/or any Elective in the spring semester. Total Credits for M Des Programme in Animation will be 156 to 164.

Mobility and Vehicle Design

1st Semester – (Autumn)

Course No.	Course Name	L	T	ST	Total Credits
DE 601	Introduction to studio photography	0	0	2	2.0
DE 653	Material and manufacturing	1	0	0	2.0
DE 655	Automobile engineering and technology	1	0	2	4.0
DE 657	Vehicle Ergonomics	1	0	2	4.0
DE 659	Forms space and order	0	0	6	6.0
DE 661	Mobility Design 1	2	0	2	6.0
DE 627	Indian thought and tradition	2	0	0	4.0
DE 675	Sketching for Mobility Design	0	0	4	4.0
DE 665	Model Making 1	0	0	4	4.0
Total Credits for Semester 1					36.0

2nd Semester – (Spring)

Course No.	Course Name	L	T	ST	Total Credits
DE 644	Exposure to grid system in visual design	0	0	2	2.0
DE 646	CAID modeling for automotive design	0	0	4	4.0
DE 648	History of transportation and automobile design	1	0	0	2.0
DE 614	Design Workshop	0	0	2	2.0
DE 650	Studies in 3D Form	0	0	6	6.0
DE 652	Mobility Design 2	2	0	2	6.0
DE 612	Design Issues	2	0	0	4.0
DE 676	Rendering for Mobility Design	0	0	4	4.0
DE 656	Model Making 2	0	0	4	4.0
Elective 1					4.0
Total Credits for Semester 2					38.0

3rd Semester – (Autumn)

Course No.	Course Name	L	T	ST	Total Credits
DE 702	Arts design and society 1	2	0	0	4.0
DE 713	Seminar and Critical Writing	1	0	2	4.0
DEP 701	M.Des Project 1 (Mid May – Mid June)				6.0
DEP 702	M.Des Project 2 (Mid July – Nov)				18.0
Elective 2					4.0
Elective 3					4.0
Total Credits for Semester 3					40.0

4th Semester – (Spring)

Course No.	Course Name	L	T	S T	C	Total Credits
Soft Core		0	0	12	12	12.0
DEP703	M.Des Project 3 (From December to May) (Stage 1 & 2)					30.0 (12+18)
Elective*						
Total Credits for Semester 4						42.0
Total Credits for M.Des Program						156.0

Soft Core

DEP 706 / DE 687	Design research seminar Design Exploration Seminar I	Select any one of the two courses of 12 credits
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*In semester 4, there will be an option to overload up to 8 credits. If the student opts for this, she/he can take the course DE 703 Arts design and society 2 and/or any Elective in the spring semester. Total Credits for M Des Programme in Mobility and Vehicle Design will be 156 to 164.

Electives :**2nd Semester Electives 1 - (Spring)**

Course No.	Course Name	L	T	ST	Total Credits
DE 658	Advanced Typography	2	0	0	4.0
DE 660	Graphic Narratives	1	0	2	4.0
DE 662	Handmade books and Book Structures	0	0	4	4.0
DE 664	Information Graphics	1	0	2	4.0
DE 666	Craft creativity and Post modernism	1	0	2	4.0
DE 668	Instructional Design	1	0	2	4.0
DE 670	Field Study and Design	0	0	4	4.0
DE 672	Design Detailing	1	0	2	4.0
DE 674	Introduction to World Cinema: Filmmaker Perspectives	1	0	2	4.0
DE 706	Story and Narrative	1	0	2	4.0
DE 704	Interaction Design for Development	1	0	2	4.0
DE 685	Human Factors in Technological Systems (Institute Elective)	2	1	0	6.0
DE 686	Handmade Character Design	0	0	4	4.0
DE 683	Sustainable Design	1	1	2	4.0
DE 677	Design for Virtual Reality-Basic	1	0	2	4.0
DE 695	Explainer Video Design	1	0	2	4.0
DE 690	Interaction Design in Complex Systems	1	1	0	4.0
DE 691	Human Behaviour and Design	2	0	0	4.0
DE 692	Advanced Topics in Service Design	1	0	2	4.0
DE 717	Service design	1	0	2	4.0
DE 725	Design games for children	1	0	2	4.0

3rd Semester Electives 2 - (Autumn)

Course No.	Course name	L	T	ST	Total Credits
DE 715	Pattern language for interaction design	1	0	2	4.0
DE 719	Computer game design	1	0	2	4.0
DE 721	Representation Techniques for Animation	1	0	2	4.0
DE 723	Design Management and Professional Practice	1	0	2	4.0
DE 727	Product Semantics	2	0	0	4.0
DE 731	On way of seeing	2	0	0	4.0
DE 669	Packaging and Label Design	0	0	4	4.0
DE 671	Experiential Learning	2	0	0	4.0
DE 678	Structures and Spaces (Furniture Design)	2	0	4	4.0
DE 679	Experimental Animation	0	0	4	4.0
DE 667	Design and Social Entrepreneurship	1	0	2	4.0
DE 681	Design for Immersive Media-Advanced	1	0	2	4.0
DE 682	Advanced Service Design	1	0	2	4.0
DE 414	Innovation Design				
DE 680	Product Detailing	1	0	2	4.0
DE 666	Craft creativity and Postmodernism				
DE 693	Experimental Film	1	0	2	4.0
DE 696	Unending Media Consumption	1	0	2	4.0
DE 705	Interactive data visualization	1	0	2	4.0

