AMITY UNIVERSITY R A J A S T H A N

CBCS – Admission Year_2023
Summary
MINOR TRACKS FOR UG STUDENTS & OPEN ELECTIVES FOR PG STUDENTS

Dept./ Inst.	No.	Name of Minor Track	Total Credits	Name of Open Elective	Total Credits
ASET	1	Chemical Engineering	15	NIL	
	2	Civil Engineering	15		
	3	Thermal & Mechanics	15		
	4	Production Engineering	15		
	5	Power System Engineering	15		
	6	Computer Programming & Application Development	15		
	7	Software Engineering & Management	15		
ASL	8	English Literature	15	Shakespearean Literature	06
	9	France Through Cinema and Visual Media	15	West African Francophone Literature (contemporary texts)	06
	10	French Culture Through Interactive Lectures in English	15		
	11	Spanish Society & Culture in English	15		
	12	China Society & Culture through lectures in English	15		
	13	Applied Hindi and Literature (व्यवहारिक हिंदी और साहित्य)	15		
AIBAS	14	Applied Psychology	15	Psychological	06
	15	Universal Human Values	15		
AIB	16	Food Processing	15	Food Technology	06
	17	Introductory Bioinformatics	15	Biotechnology	06
ABS	18	Management: Basics of Management-Marketing	15	Management	06
	19	Entrepreneurship	15		
ASH	20	Hospitality Management	15	Travel & Tourism Management	06
AIIT	21	Web Designing	12	NIL	NIL
ALS	22	Law & Legal Studies	15	NIL	NIL
ASFA	23	Fine Arts	15	NIL	NIL
ASAP	24	Graphics Skills	15	NIL	NIL
ASFT	25	Basics of Fashion Designing	15	NIL	NIL
ASCo	26	Journalism	15	Mass Communication	06
	27	Graphics Design and Audio-Visual Editing	15	NIL	NIL
COAST	28	Climate Science	15	COAST	05
ASLA	29	Political Science	15	NIL	NIL
ASAS	30	Advanced Physics	15	Applied Mathematics	06
				Applied Chemistry	06

MINOR TRACKS FOR UG STUDENTS

ASET_07(Minor Tracks)

1. ASET: Chemical Engineering

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBOE201	Optimization Techniques	3	-	-	3
MTBTH303	Chemical Process Calculations	3	-	-	3
MTBTH403	Mechanical Operations	3	-	-	3
MTBTH503	Heat Transfer	3	-	-	3
MTBTH603	Mass Transfer	3	-	-	3

2. ASET: Civil Engineering

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBTV206	Basic Civil Engineering	3	-	-	3
MTBTV304	Building Technology	3	-	-	3
MTBTV404	Transportation Engineering – I (Highway Engineering)	3	-	-	3
MTBTV508	Hydrology & Flood Control	3	-	-	3
MTBTV604	Concrete Technology	3	-	-	3

3. ASET: Thermal & Mechanics

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBOE201	Optimization Techniques	3	-	-	3
MTBME302	Thermodynamics	3	-	-	3
MTBME401	Kinematics and Dynamics of Machines	3	-	-	3
MTBME503	Heat & Mass Transfer	3	-	-	3
MTBME604	Automotive Engineering	3	-	-	3

4. ASET: Production Engineering

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBOE201	Optimization Techniques	3	-	-	3
MTBME304	Manufacturing Process	3	-	-	3
MTBME405	Materials Science and Metallurgy	3	-	-	3
MTBME502	Mechanics of Metal Cutting	3	-	-	3
MTBME602	Operational Research	3	-	-	3

5. ASET: Power System Engineering

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBOE201	Optimization Techniques	3	-	-	3
MTBEL304	Electrical Machine - I	3	-	-	3
MTBEL406	Power Plant Engineering	3	-	-	3
MTBEL502	Transmission & Distribution System	3	-	-	3
MTBEL602	Power System Analysis	3	-	-	3

6. ASET: Computer Programming & Application Development

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBCS204	Data Structures Using C	3	-	-	3
MTBCS304	Object Oriented Programming using C++	3	-	-	3
MTBCS407	E-Commerce and ERP	3	-	-	3
MTBCS502	Software Engineering	3	-	-	3
MTBCS602	Software Testing & Quality Assurance	3	-	-	3

7. ASET: Software Engineering & Management

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBCS204	Data Structures Using C	3	-	-	3
MTBCS302	Database Management System	3	-	-	3
MTBIT401	Management Information System	3	-	-	3
MTBCS502	Software Engineering	3	-	-	3
MTBCS602	Software Testing & Quality Assurance	3	-	-	3

8. ASL: English Literature

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBEG211	Indian Short Fiction	3	-	-	3
MTBEG305	Post-Colonial Literature	3	-	-	3
MTBEG411	African- American Writing	3	-	-	3
MTBEG505	Women Writing in General in 19th& 20th Century	3	-	-	3
MTBEG606	American Literature	3	-	-	3

9. ASL: France Through Cinema and Visual Media

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBFR201	Revolutionary France	3	-	-	3
MTBFR301	France and Environment	3	-	-	3
MTBFR401	Relationship of Love and Hatred	3	-	-	3
MTBFR501	Contemporary France	3	-	-	3
MTBFR601	France through French Songs	3	-	-	3

10. ASL- French Culture Through Interactive Lectures in English

Course Code	Course Title	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBFR 207	France and French History (French Revolution onwards)	3	-	-	3

MTBFR 304	France & the World -I	3	-	-	3	
MTBFR 404	France & the World -II	3	-	-	3	
MTBFR 540	French Literature	3	-	-	3	
MTBFR 640	Francophone Literature	3	-	-	3	

ASL_06 (Minor Tracks)

11. ASL: Spanish Society & Culture in English

Course Code	Cours e	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBSP204	Contemporary Spain	3	-	-	3
MTBSP304	Latin America and the United States	3	-	-	3
MTBSP404	Reading Spanish and Contemporary Texts(Films and Literature)	3	-	-	3
MTBSP504	Food and Social Life in the Hispanic World	3	-	-	3
MTBSP604	Spanish Golden age Literature	3	-	-	3

12.ASL: CHINESE STUDIES

Code	Course	L	T	P	Credit
MTCHI 204	China and Chinese Society	3	0	0	3
MTCHI 304	China's Military And its Modernization Program	3	0	0	3
MTCHI 404	China's Political System	3	0	0	3
MTCHI 504	Sino-Indian Relations (1949 onwards to present)	3	0	0	3
MTCHI 604	Chinese Economy	3	0	0	3

13. ASL:Applied Hindi and Literature (व्यवहारिक हिंदी और साहित्य)

Course Code	Course	Lecture (L) hours Per Week	Tutorial (T) Hours Per Week	Practical(P) Hours Per Week	Credit
MTHIN 201	प्रयोजनमूलक हिंदी, व्याकरण एव नाटक सोहित्य	3	-	-	3
MTHIN 301	एकांकी और कार्यालयी हिंदी	3	-	-	3
MTHIN 401	आधुनिक हिंदी कविता और प्रयोजनमूलक हिंदी	3	-	-	3

MTHIN 501	समाचार, सम्भाषण और कहानी	3	-	-	3
MTHIN 601	विज्ञापन, बाजार और हिंदी पत्रकारिता	3	-	-	3

AIBAS_02(Minor Track)

14. AIBAS: Applied Psychology					
Course Code	**Course**	**Lectures (L) Hours Per Week**	**Tutorial (T) Hours Per Week**	**Practical (P) Hours Per Week**	**Credit**
MTPSY201	Life Span Development	2	1	-	3
MTPSY304	Theories of Personality	2	1	-	3
MTPSY401	Educational Psychology	2	1	-	3
MTPSY503	Organizational Psychology	2	1	-	3
MTPSY604	Environmental Psychology	2	1	0	3

15. AIBAS: Universal Human Values					
Course Code	**Course**	**Lectures (L) Hours Per Week**	**Tutorial (T) Hours Per Week**	**Practical (P) Hours Per Week**	**Credit**
MTUHV201	Gender Dynamics and Gender Studies	2	1	-	3
MTUHV301	Science of Happiness	2	1	-	3
MTUHV401	Psychology of Peace	2	1	-	3
MTUHV501	Human Rights, Values and Ethics	2	1	-	3
MTUHV601	Positive Psychology	2	1	0	3

AIB_02(Minor Tracks)

16. AIB: Food Processing

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBTD233	Confectionary and Sugar Technology	3	-	-	3
MTBTD301	Principles of Food Processing	3	-	-	3
MTBTD432	Enzymes in Food Processing	3	-	-	3
MTBTD501	Food Quality-Analysis & Assurance	3	-	-	3
MTBTD631	Advanced food Technology	3	-	-	3

17. AIB: Introductory Bioinformatics

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBTF231	Biological Information and Databases	3	-	-	3
MTBTF332	Basics of PERL programming I	3	-	-	3
MTBTF432	Basics of PERL programming II & Python	3	-	-	3
MTBTF504	Molecular Modeling & Drug Designing	3	-	-	3
MTBTF632	Biocomputing Methods of Bioinformatics	3	-	-	3

ABS_02(Minor Track)
18.ABS: Management: Basics of Management-Marketing

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBBA203	Organizational Behavior	2	1	-	3
MTBBA304	Marketing Management-I	2	1	-	3
MTBBA402	Marketing Management- II	2	1	-	3
MTBBA501	Operations Management	2	1	-	3
MTBBA601	Business Policy & Strategic Management	2	1	-	3

19.ABS: Entrepreneurship

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTENP201	Foundation of Management & Entrepreneurship	2	1	-	3
MTENP301	Management skill for Entrepreneurs & Value creation	2	1	-	3
MTENP401	Social Entrepreneurship & Business	2	1	-	3
MTENP501	Creating and Sustaining enterprise model	2	1	-	3
MTENP601	Start-up Establishment	2	1	-	3

ASH_01(Minor Track)
20.ASH: Hospitality Management

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBHO204	Accommodation Operation	1	2	-	3
MTBHO301	Food Production & Culinary Art-III	2	1	-	3
MTBHO403	Front Office Operation	1	2	-	3
MTBHO502	Food Beverage Management & Control	2	1	-	3

	Meeting, Conferences & Exhibition Management				
MTBHO608		2	1	-	3

AIIT_01(Minor Track)

21.AIIT: Web Designing

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBCI233	Emerging Technologies in IT	2	1	-	3
MTBCI332	Web Designing	2	1	-	3
MTBCI432	Introduction to Open Source Technologies (PHP, MySQL)	2	1	-	3
MTBCA538	E-Waste Management	2	1	-	3

ALS_01(Minor Track)

22.ALS: Law & Legal Studies

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTLOE202	LEGAL FACET OF BUSINESS	2	1	-	3
MTLOE302	Family Law	2	1	-	3
MTLOE403	Constitutional Law	2	1	-	3
MTLOE505	Biodiversity and Law	2	1	-	3
MTLOE606	Introduction to Criminal Law in India	2	1	-	3

ASFA_01(Minor Track)

23.ASFA: Fine Arts

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBFO215	Basic Painting and Landscape	1	1	2	3
MTBFO315	Basics of Drawing and Monochrome Folk Composition	1	1	2	3
MTBFO415	Advance Painting and Modern	1	1	2	3

	Sculpture				
MTBFO515	Advance Drawing and Rendering with Ink	1	1	2	3
MTBFO615	Advance Illustration	1	1	2	3

ASAP_01(Minor Track)

24.ASAP: Graphics Skills

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTARC 204	Graphics Skills – I	3	-	-	3
MTARC 304	Graphics Skills –II	3	-	-	3
MTARC 404	Graphics Skills –III	3	-	-	3
MTARC 504	Graphics Skills –IV	3	-	-	3
MTARC 604	Graphics Skills –V	3	-	-	3

ASFT_01(Minor Track)

25.ASFT: Basic of Fashion Design

Course Code	Course Name	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBFD232	Craft & Design - I: Art & Design Elements	2	-	1	3
MTBFD332	Craft & Design - II: Print Making & Paper Designing	2	-	1	3
MTBFD432	Craft & Design - III: Woven Textiles	2	-	1	3
MTBFD531	Fashion Marketing & Merchandising	3	-	-	3
MTBFD631	Contemporary Fashion Studies	3	-	-	3
MTBFD731	Consumer Behavior & Fashion Marketing	3	-	-	3

ASCo_02(Minor Track)

26.ASCo: Journalism					
Course Code	**Cou rse**	**Lectures (L)** **Hours Per Week**	**Tutorial (T)** **Hours Per Week**	**Practical (P)** **Hours Per Week**	**Credit**
MTBJM201	Advertising Principles and Practice	3	-	-	3
MTBJM303	Public Relations	2	1	-	3
MTBJM405	Corporate Communication	2	-	2	3
MTBJM503	Event management	2	-	2	3
MTBJM611	News & Current Affairs	2	1	-	3

27.ASCo- Graphics Design and Audio-Visual Editing					
Course Code	**Course Title**	**Lectures (L)** **Hours per week**	**Tutorial (T)** **Hours per week**	**Practical (P)** **Hours per week**	**Total Credits**
MTBAV201	Print Media Design and Production	2	-	2	3
MTBAV308	Digital Story Telling	2	-	2	3
MTBAV409	Digital Editing	2	-	2	3
MTBAV503	Sound Editing	2	-	2	3
MTBAV607	Brand Designing	2	-	2	3
	Total Credits				**15**

COAST_01(Minor Track)

28.COAST: Climate Science

Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
MTBOA201	Introduction of Atmospheric Physics	2	1	-	3
MTBOA301	Synoptic Meteorology	2	1		3
MTBOA401	Tropical Climate	3	-		3
MTBOA501	Climate Variability	3	-		3
MTBOA601	Climate Modeling	2	-	2	3

ASLA_01(Minor Track)

29.ASLA: Political Science

Course Code	Course Title	Lectures(L) Hours per week	Tutorial(T) Hours per week	Practical (P) Hours per week	Credit
MTBPS202	GOVERNMENT AND POLITICS ININDIA	3	0	0	3
MTBPS302	WESTERN POLITICAL THOUGHT	3	0	0	3
MTBPS403	INTERNATIONAL RELATIONS	3	0	0	3
MTBPS503	INDIA'S FOREIGN POLICY	3	0	0	3
MTBPS602	MODERN POLITICAL ANALYSIS	3	0	0	3

30. ASAS_01- (Minor Track)

(Minor Track)- Advanced Physics (FOR UG)

Course Code	Course	Lectures (L) Hours per Week	Tutorial (T) Hours per Week	Practical (P) Hours per Week	Credits
MTMAP201	Nano Science & Technology	3	-	-	3
MTMAP301	Physics of Engineering Materials	3	-	-	3
MTMAP401	Cosmology and Astrophysics	3	-	-	3
MTMAP501	Materials for Nuclear Engineering Applications	3	-	-	3
MTMAP601	Quantum Information and Computing	3	-	-	3

AMITY UNIVERSITY R A J A S T H A N
CBCS – Admission Year_2023
OPEN ELECTIVES FOR PG STUDENTS

ASL_01(OPEN ELECTIVE)

1. ASL: Shakespearean Literature					
Course Code	**Course**	**Lectures (L)** Hours Per Week	**Tutorial (T)** Hours Per Week	**Practical (P)** Hours Per Week	**Credit**
OEMEG211	Comedies & Poems (1595 to 1601)	3	-	-	3
OEMEG 305	Tragedies	3	-	-	3
OEMEG 405	Later Plays	3	-	-	3

AIBAS_01(OPEN ELECTIVE)

2.AIBAS: Psychological					
Course Code	**Course**	**Lectures (L)** Hours Per Week	**Tutorial (T)** Hours Per Week	**Practical (P)** Hours Per Week	**Credit**
OEMCP201	Advanced Social Psychology	3	-	-	3
OEMCP305	Methods & Approaches in Counselling	3	-	-	3

AIB_02(OPEN ELECTIVE)

3.AIB: Food Technology					
Course Code	**Course**	**Lectures (L)** Hours Per Week	**Tutorial (T)** Hours Per Week	**Practical (P)** Hours Per Week	**Credit**
OEMSD203	Functional Foods and Nutraceuticals	3	-	-	3
OEMSD304	Food Safety and Quality Management	3	-	-	3

4. AIB: Biotechnology					
Course Code	**Course**	**Lectures (L)** **Hours Per Week**	**Tutorial (T)** **Hours Per Week**	**Practical (P)** **Hours Per Week**	**Credit**
OEMSB230	Environment Biotechnology	3	-	-	3
OEMSB331	Tissue Engineering	3	-	-	3

ABS_02(OPEN ELECTIVE)

5. ABS: Management					
Course Code	**Course**	**Lectures (L)** **Hours Per Week**	**Tutorial (T)** **Hours Per Week**	**Practical (P)** **Hours Per Week**	**Credit**
OEMBA201	Human Resource Management	2	0	2	3
OEMBA301	Strategic Management Behavior	2	0	2	3

ASH_01(OPEN ELECTIVE)

6.ASH: Travel & Tourism Management					
Course Code	**Course**	**Lectures(L)** **Hours Per Week**	**Tutorial(T)** **Hours Per Week**	**Practical(P)** **Hours Per Week**	**Credit**
OEMTO205	Fundamental of Tourism	3	-	-	3
OEMTO 305	Travel Agency & Tour Operations	3	-	-	3
OEMTO215	Conference & Event Management	3	-	-	3
OEMTO311	Geography & International Tourism	3	-	-	3

ASCo_01(OPEN ELECTIVE)

7.ASCo: Mass Communication					
Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
OEMJM205	Event Management: Concept & Techniques	2	-	2	3
OEMJM301	Corporate Communication	2	-	2	3

COAST_01(OPEN ELECTIVE)

8.COAST (01):					
Course Code	Course	Lectures (L) Hours Per Week	Tutorial (T) Hours Per Week	Practical (P) Hours Per Week	Credit
OEMOA201	Tropical Meteorology	3	-	-	3
OEMOA301	Earth System Modeling	3	-	-	3

ASL (01) (OPEN ELECTIVE)

9. ASL (01) West African Francophone Literature (Contemporary Texts)					
Code	Course	L	T	P	Credits
OEMFR 205	West African literature (Pre-independence texts)	3	0	0	3
OEMFR 305	West African literature (post-independence texts)	3	0	0	3

10. ASAS (02) (Open Elective)

10. ASAS (01) Applied Mathematics					
Course Code	Course	Lectures (L) Hours per Week	Tutorial (T) Hours per Week	Practical (P) Hours per Week	Credits
OEMAM201	Maths and Statistics-I	3	-	-	3
OEMAM301	Maths and Statistics-II	3	-	-	3
11. ASAS (02) Applied Chemistry					
OEMAC201	Applications of Chemistry in Glass and Oil	2	-	2	3
OEMAC301	Chemistry Used in Dyes and Polymers	2	-	2	3