

# ST. XAVIER'S COLLEGE MAPUSA - GOA

Managed by the Diocesan Society of Education  
Affiliated to Goa University  
Recognised by Government of Goa



- Awarded “College with Potential for Excellence ” by UGC [2004]
- Accredited by NAAC with Grade ‘A’ 4th Cycle [2019]
- Awarded the DBT Star College Scheme [2021]
- Best College for Sports for men and women “ 2023-2024”

**PROSPECTUS  
2026-27**

# ST. XAVIER'S COLLEGE

## MAPUSA - GOA

### COURSES FOR ACADEMIC YEAR 2026-27

#### B.A.

- Economics
- English
- Hindi
- History
- Konkani
- Marathi
- Philosophy
- Political Science
- Portuguese
- Psychology
- Sociology
- Mass Communication & Journalism (Self Financed)

#### BBA

- General (Self Financed)

#### BBA

- Travel & Tourism (Self Financed)

#### B.Com.

- Banking & Financial Services
- Business Management
- Cost Accounting
- Financial Accounting

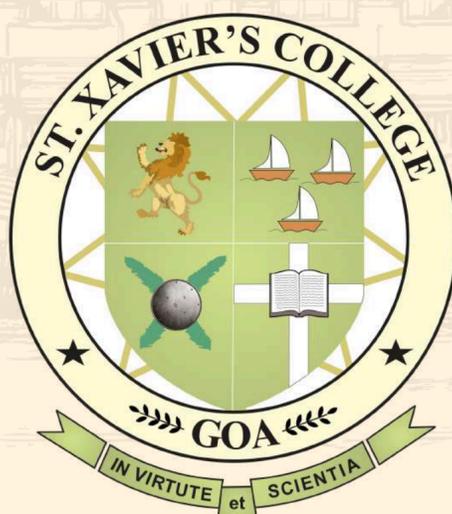
#### BCA

- Computer Applications (Self Financed)

#### B.Sc.

- Botany
- Chemistry
- Computer Science
- Electronics
- Mathematics
- Microbiology
- Physics
- Biotechnology (Self Financed)

### SPORTS AND EXTRA CURRICULAR ACTIVITIES



## PROCEDURE FOR ADMISSION

- Pass XIIth (Any Stream)
- Visit SAMARTH Portal to register and apply online
- Visit the College website regularly for Merit list updates  
<https://xavierscollegegoa.ac.in>
- Attend Counselling session in the College premises along with Parent / Guardian.
- Carry physical copy of the documents submitted online
- Once admitted, proceed to pay the fees in the College Office

### Documents Required:

- Std XII Marksheet
- Std X Marksheet
- HSS Leaving Certificate
- AADHAR Card (Linked to Student Mobile number)
- Latest Passport Size Photograph (Strictly in formals with 80% face coverage)
- Student Signature on white paper
- Valid E-mail ID and WhatsApp number
- Valid Caste Certificate (If Applicable)
- Valid EWS / PwD Certificate (If Applicable)
- Provisional Eligibility Certificate from Goa University (only for students who have passed XII from Boards other than Goa Board.

## BA PROGRAMME STRUCTURE UNDER NEP 2020 (OA-38):

Three-year (120 Credits) UG Programmes offered by the College:

- UG Degree Programmes with Single Major (60 Credits in Major (Core))
- UG Degree Programmes with Double Major (Minimum of 60 % of Major(Core)Credits in the first Major and 40 % of Major(Core) Credits in the second Major (Core))

### Under Graduate Programme Structure for Arts Semester I and II

FYBA	MAJOR	MINOR	SEC	VAC	MC	AEC
<b>SEMESTER I</b>						
	PSYCHOLOGY PSY100: Essentials of Psychology	HISTORY HIS 111: Resistance to Colonial rule in Goa	PSYCHOLOGY PSY141: Personality Development	VAC 100: Environmental Studies I	BOTANY BOT 131: Kitchen Gardening	<b>ENGLISH</b>
	HINDI HIN100: हिंदी कहानी साहित्य: परिचयात्मक अध्ययन (Hindi Kahani Sahitya: Parichayatmak Adhyayan )	ECONOMICS ECO 111: Political Economy	HINDI HIN 141: वृत्तचित्र लेखन एवं निर्माण (Vruttachitra Lekhan Evam Nirmaan)	VAC 108: Introduction to the Folk Tales of India	GEOGRAPHY GOG131: Astronomical Geography	
	POLITICAL SCIENCE POL100: Introduction to Political Theory	PHILOSOPHY PHI 111: Environmental Philosophy	POLITICAL SCIENCE POL 141: Leadership Skills in Politics	VAC 114: Health and Wellness	MATHEMATICS MAT 131: Mathematical Techniques in Competitive Exams	
	MARATHI MAR 100: मराठी कथेच्या प्रांगणात(In the Paradise of Marathi Stories)	ENGLISH ENG 111: Science fiction in English	MARATHI MAR 141: संप्रेषण कौशल्य: सूत्रसंचालन (Documentary Writing and Production)	VAC 104: Constitutional Values and Obligations	COMPUTER SCIENCE CSC 131: Emerging Trends in Computers	
	PHILOSOPHY PHI 100: Introduction to Philosophy	SOCIOLOGY SOC 111: Crime and Society	PHILOSOPHY PHI 141: Introduction to Logic	VAC 106: NCC (Army)	MICROBIOLOGY MIC131: Introduction to Microbial World	

<p><b>HISTORY</b> HIS 100: History of Goa (From Early Times to Liberation)</p>	<p><b>KONKANI</b> KON111: Konkani Vinodhi nibandha (कोंकणी विनोदी निबंद)</p>	<p><b>ECONOMICS</b> ECO 142: Introduction to Entrepreneurship</p>	<p>VAC 110: Awareness of Cyber Crime and Security</p>	<p><b>ELECTRONICS</b> ELE 131: Introduction to Electricity</p>
<p><b>ECONOMICS</b> ECO100: Introduction to Economics</p>	<p><b>PSYCHOLOGY</b> PSY 111: Child Psychology</p>	<p><b>ENGLISH</b> ENG 141: Soft Skills</p>		<p><b>PHYSICS</b> PHY 131: History of Physics</p>
<p><b>SOCIOLOGY</b> SOC 100: Invitation to Sociology</p>	<p><b>HINDI</b> HIN 111: हिंदी नाट्य साहित्य: परिचयात्मक अध्ययन (Hindi Natya Sahitya: Parichayatmak Adhyayan)</p>	<p><b>KONKANI</b> KON 141: Mahitipat lekhan ani nirmiti prakriya (म्हयतीपट लेखन आनी निर्मिती प्रक्रिया)</p>		<p><b>COMMERCE</b> COM132: Fundamentals of Stock Market COM 133: Marketing for Beginners COM 137: Tourism and Hospitality Management</p>
<p><b>ENGLISH</b> ENG 100: Introduction to English Literature</p>	<p><b>POLITICAL SCIENCE</b> POL 111: Basic Concepts in Political Science</p>	<p><b>SOCIOLOGY</b> SOC 141: Introduction to Tourism</p>		<p><b>CHEMISTRY</b> CHC 131: Introduction to Chemistry</p>
<p><b>KONKANI</b> KON 100: Konkani Katha Parichay (कोंकणी कथा परिचय)</p>	<p><b>MARATHI</b> MAR 111: गोमंतकीय लोकसंस्कृती आणि लोकपरंपरा</p>	<p><b>PORTUGUESE</b> POR 141: Conversational Portuguese for Travel &amp; Tourism</p>		
<p><b>PORTUGUESE</b> POR 100: Portuguese Language &amp; Culture in the World</p>	<p><b>PORTUGUESE</b> POR 111: Portuguese for Beginners</p>	<p><b>GEOGRAPHY</b> GOG 141: Elements of Environmental Impact Assessment (EIA)</p>		
	<p><b>GEOGRAPHY</b> GOG 111: Geography of Sustainable Development</p>			

FYBA	MAJOR	MINOR	SEC	VAC	MC	AEC
<b>SEMESTER II</b>						
	PSYCHOLOGY PSY100: Essentials of Psychology	HISTORY HIS 111: Resistance to Colonial rule in Goa	PSYCHOLOGY PSY142: Stress Management	VAC 100: Environmental Studies I	BOTANY BOT 132: Ecosystem Diversity	
	HINDI HIN100: हिंदी कहानी साहित्य: परिचयात्मक अध्ययन (Hindi Kahani Sahitya: Parichayatmak Adhyayan )	ECONOMICS ECO 111: Political Economy	HINDI HIN 142: समाचार लेखन एवं प्रस्तुतीकरण Samachar Lekhan Evam Prastutikaran	VAC 108: Introduction to the Folk Tales of India	GEOGRAPHY GOG132: Geography of Terrestrial Environment	
	POLITICAL SCIENCE POL100: Introduction to Political Theory	PHILOSOPHY PHI 111: Environmental Philosophy	POLITICAL SCIENCE POL 142: Introduction to Political Reporting	VAC 114: Health and Wellness	MATHEMATICS MAT 131: Mathematical Techniques in Competitive Exams	
	MARATHI MAR 100: मराठी कथेच्या प्रांगणात(In the Paradise of Marathi Stories)	ENGLISH ENG 111: Science fiction in English	MARATHI MAR 142: चित्रपट आस्वाद Film Appreciation	VAC 104: Constitutional Values and Obligations	COMPUTER SCIENCE CSC 133: Cyber Security Essentials	
	PHILOSOPHY PHI 100: Introduction to Philosophy	SOCIOLOGY SOC 112: Religion and Society	PHILOSOPHY PHI 142: Practical Reasoning	VAC 106: NCC and Nation Building (Army)	MICROBIOLOGY MIC132: Microbiology in Everyday Life	
	HISTORY HIS 100: History of Goa ( From Early Times to Liberation)	KONKANI KON111: Konkani Vinodhi nibandha (कोंकणी विनोदी निबंध)	KONKANI KON 142: Sutrasanchalan Prakriya (सुजसंचालन प्रक्रिया)	VAC 110: Awareness of Cyber Crime and Security	ELECTRONICS ELE132: Repair and Maintenance of Domestic Electrical Appliances	
	ECONOMICS ECO100: Introduction to Economics	PSYCHOLOGY PSY 112: Child Psychology	ECONOMICS ECO 144: Fundamentals of Entrepreneurship		PHYSICS PHY 132: Indian Contribution to Physics	ENGLISH
	SOCIOLOGY SOC 100: Invitation to Sociology	HINDI HIN 111: हिंदी नाट्य साहित्य: परिचयात्मक अध्ययन Hindi Natya Sahitya: Parichayatmak Adhyayan	SOCIOLOGY SOC 141: Introduction to Tourism		COMMERCE COM136: Warehouse and Inventory Management COM 137: Tourism and Hospitality Management COM 138: Management of Micro, Small and Medium COM 140: Economics of Financial Investments	
	ENGLISH ENG 100: Introduction to English Literature	POLITICAL SCIENCE POL 111: Basic Concepts in Political Science	ENGLISH ENG 141: Soft Skills		CHEMISTRY CHC 131: Introduction to Chemistry	
	KONKANI KON 100: Konkani Katha Parichay (कोंकणी कथा परिचय)	MARATHI MAR 112: एकांकिका एक वाग्म्य प्रकार(One Act Play- A form of literature)	PORTUGUESE POR 141: Conversational Portuguese for Travel & Tourism			
	PORTUGUESE POR 100: Portuguese Language & Culture in the World	PORTUGUESE POR 112: Elementary Portuguese	GEOGRAPHY GOG 141: Elements of Environmental Impact Assessment (EIA)			
		GEOGRAPHY GOG 112: Geography of Climate Change				

Students may choose Courses from the broad Disciplines of study for MAJOR and MINOR Courses which are as follows:

English  
Konkani  
Hindi  
Marathi  
Portuguese  
Psychology  
Political Science  
Sociology  
Philosophy  
History  
Economics

Select any one subject as MAJOR and one other subject as MINOR from the above list\*

# MAJOR MINOR Course combination will be finalized at the time of counselling on the day of admission.

### **Under Graduate Programme Structure for Arts Semester III / IV / V / VI**

#### **SINGLE MAJOR DEGREE PROGRAM**

1. **MAJOR:** Choose any one subject as MAJOR from among the 4 Courses (2 Major and 2 Minor) studied at Sem I & II (FYBA).
2. **MINOR:** Choose any one MINOR. Minor cannot be same as Major.

#### **Single Major :**

English  
Hindi  
Marathi  
Konkani  
Political Science  
Sociology  
Psychology

3. **SEC:** (Only for Semester III) Choose any one subject from those listed below:  
Psychology, Sociology, Konkani, Hindi, English, Philosophy, Political Science and Economics.
4. **VET:** (Only for Semester IV) Choose any one subject. VET can be same as the Major.
5. **AEC:** (Semester III & IV) Choose any one language course — Hindi / Marathi / Konkani.
6. **MC:** (Only for Semester III) Choose any one subject from those listed below:  
Botany / Chemistry / Computer Science / Commerce (Digital Marketing/ Event Management/ Intellectual Property Rights/ Personal Investment) /Electronics / Microbiology / Mathematics/ Physics

### **DOUBLE MAJOR DEGREE PROGRAM**

1. **MAJOR:** Choose any two subjects as MAJORS from among the 4 Courses (2 Major and 2 Minor) studied at Sem I & II (FYBA).
2. **MINOR:** Choose any one MINOR. Minor cannot be same as Major.

<b>Double Major (60%)</b>	<b>Double Major (40%)</b>
<b>Economics</b>	<b>Psychology</b>
<b>Economics</b>	<b>Political Science</b>
<b>Economics</b>	<b>Sociology</b>
<b>Economics</b>	<b>History</b>
<b>Economics</b>	<b>Hindi</b>
<b>Economics</b>	<b>Marathi</b>
<b>Philosophy</b>	<b>History</b>
<b>Philosophy</b>	<b>Sociology</b>
<b>Philosophy</b>	<b>Psychology</b>
<b>Philosophy</b>	<b>Political Science</b>
<b>Philosophy</b>	<b>Marathi</b>
<b>Philosophy</b>	<b>Hindi</b>
<b>Konkani</b>	<b>History</b>
<b>Konkani</b>	<b>Sociology</b>
<b>Konkani</b>	<b>Psychology</b>

Konkani	Political Science
Konkani	Marathi
Konkani	Hindi
English	Psychology
English	History
English	Sociology
Hindi	History
Hindi	Sociology
Hindi	Marathi
Hindi	English
Political Science	History
Political Science	Marathi
Psychology	Sociology
History	Psychology
Marathi	Psychology
History	English

3. **SEC:** (Only for Semester III) Choose any one subject from those listed below: Psychology, Sociology, Konkani, Hindi, English, Philosophy, Political Science and Economics.

4. **VET:** (Only for Semester IV) Choose any one subject. VET can be same as the Major.

5. **AEC:** (Semester III & IV) Choose any one language course — Hindi / Marathi / Konkani.

6. **MC:** (Only for Semester III) Choose any one subject from those listed below: Botany / Chemistry / Computer Science / Commerce (Digital Marketing/ Event Management/ Intellectual Property Rights/ Personal Investment) /Electronics / Microbiology / Mathematics/ Physics

# BACHELOR OF ARTS (BA) COURSE CONTENT

## COURSES IN ENGLISH

Semester	Category	Paper Code and Title	Number of Credits
I	AEC	ENG 151 Communicative English: Spoken and Written	2
	Major	ENG 100 Introduction to English Literature	4
	Minor	ENG 111 Science Fiction in English	4
	SEC (Arts)	ENG 141 Soft Skills	3
	SEC(Commerce)	ENG 143 English for Competitive Examinations	3
	VAC (Science) (Arts)	VAC 108 Introduction to the Folktales of India	2
II	AEC	ENG 152 Digital Content Creation in English	2
	Major	ENG 100 Introduction to English Literature	4
	Minor	ENG 111 Science Fiction in English	4
	SEC (Arts) (Commerce)	ENG 141 Soft Skills	3
	VAC (Science) (Arts)	VAC 108 Introduction to the Folktales of India	2
III	Major	ENG 200 British Literature: 14th to 17th Century	4
	Major	ENG 201 Goan Literature in English Translation	4
	Minor	ENG 211 World Literatures	4
	SEC	ENG 241 Learning English Language through Literature	4
IV	Major	ENG 202 British Literature: 18th and 19th Century	4
	Major	ENG 203 Ecology and Literature	4
	Major	ENG 204 Diasporic Goan Literature	4
	Major	ENG 205 Dalit Literature	2
	Minor	ENG 221 News Reporting and Editing	4

V	Major	ENG 301 Modern European Drama	4
	Major	ENG 302 British Literature: Early 20th Century	4
	Major	END 300 Literary Criticism: From the Classical to the Modern	4
	Major	ENG303 Modern Indian Writing in English Translation	2
	Minor	ENG 321 Creative Writing	4
VI	Major	ENG 304 Postcolonial Literatures	4
	Major	ENG 305 Women's Writing	4
	Major	ENG 306 Popular Literature	4
	Major	ENG 307 Project	4
	Minor	ENG 322 The Mechanics of Print and Digital Writing	4



## COURSES IN KONKANI

Semester	Category	Credit	Paper Code and Course Title
1	Major	4	KON-100 Konkani katha parichay
	Minor	4	KON -111 Konkani Vinodhi Nibandh
	SEC	1T+2P	KON-141 Mahitipat Lekhan ani Nirmiti Prakriya
2	Major	4	KON-100 Konkani katha parichay
	Minor	4	KON -111 Konkani Vinodhi Nibandh
	SEC	1T+2P	KON -142 Sutrasanchalan Kaushallya
3	Major 1	4	KON-200 Natak: Siddhant ani Upyojan
	Major 2	4	KON-201 Prasar Madyama Khatir Lekhan
	Minor	4	KON-211 Goyemche Paramparik Vevasai
	SEC	1T+2P	KON-241 Karyavall Vevasthapan Kaushallya
	AEC	2	KON-251 Konkani Bhashechem Mullavem Ginyan

4	Major 1	4	KON-202 Kavita: Siddhant ani Upyojan
	Major 2	4	KON-203 Konkani Tiatr: Siddhant ani Upyojan
	Major 3	2	KON-204 Konkani Nemallyancho Itihas
	Major 4	4	KON-205 Konkanintale Balsahitya
	Minor	1T+2P	KON-221 Konkanicho Sanganaki Vapar
	AEC	2	KON-252 Sambhashan Kaushallya
5	Major 1	4	KON-300 Konkani Bhashecho Ugam ani Udargat
	Major 2	4	KON-301 Konkanicho Vyakaranik Abhyas
	Major 3	2	KON-302 Konkanintale Lalittetar Sahitya
	Major 4	4	KON-303 Konkani Kathentale Mukhel Prayog
	Minor	1T+2P	KON-321 Electronic Patrakarita
		2	KON-361 Internship
		4	KON-305 Project
6	Major 1	4	KON-304Pornya Konkani Sahityacho Itihas
		4	KON-305 Project
	Major 2	4	KON-306 Konkani Bolyancho Abhyas
	Major 3	4	KON-307 Konkani Kadambarecho Abhyas
	Minor	1T+2P	KON-322 Prashasakiy Konkani

## COURSES IN MARATHI

Semester	Category	Paper Title Code	Credits
I	MAJOR	MAR 100 : In the Paradise of Marathi Story	4
	MINOR	MAR 111 : Goan Folk Culture & Folk Tradition	4
	SEC	MAR 141 : Communication skill : Compering	3
II	MAJOR	Mar 100 : In the Paradise of Marathi story	4
	MINOR	MAR 112 : One Act Play : A form of Literature	4
	SEC	MAR 142 : Film Appreciation	3
III	MAJOR I	MAR 200 : Poetry : A Form of literature	4
	MAJOR II	MAR 201 : TRAVELOGUE : A Form of	4
	MINOR	MAR 211 : Proof Reading & editing skills	4
	AECC	MAR 251 : Personality Development	2
IV	MAJOR I	MAR 202 : MARATHI GRAMMAR	4
	MAJOR II	MAR 203 : POETICS	4
	MAJOR III	MAR 204 : Character sketch	2
	MAJOR IV	MAR 205 : Goan Freedom Struggle & Marathi	4
	MINOR VET	MAR 221 : Writing Skills for Media	4
	AECC	MAR 252 : BOOK REVIEW	2
V	MAJOR	MAR 300 : Ancient History of Marathi	4
	MAJOR	MAR 301 : Rasa Theory and poetic Appreciation	4
	MAJOR	MAR 302 : Pre – Liberation Goan Magazines	2
	MAJOR	MAR 303 : Marathi Literature Post 1960 period	4
	MINOR	MAR 321 : Dialogues & screenplay Writing	4
VI	MAJOR	MAR 304 : Ancient History of Marathi Literature 1650 to 1818	4
	MAJOR	MAR 305 : Autobiography : A Form of Literature	4
	MAJOR	MAR 306 : Literary Criticism	4
	MAJOR	MAR 307 : PROJECT	4
	MINOR	MAR 322 : Marathi Writing for Web	4

## COURSES IN HINDI

Semester	Category	Credit	Paper Code and Course Title
1	Major	4	HIN-100 Hindi Kahani Sahitya: Parichayatmak Adhyayan
	Minor	4	HIN-111 Hindi Natya Sahitya: Parichayatmak Adhyayan
	Sec	1T+2P	HIN-141 Vruttachitra Lekhan Evam Nirmaan
2	Major	4	HIN-100 Hindi Kahani Sahitya: Parichayatmak Adhyayan
	Minor	4	HIN-111 Hindi Natya Sahitya: Parichayatmak Adhyayan
	Sec	1T+2P	HIN-142 Samachar Lekhan Evam Prastutikaran
	EXT	4	HIN- 161 Devnagari Typing
3	Major	4	HIN- 200 Hindi Gadya: Katha Sahitya Evam Ekanki
	Major	4	HIN-201 Hindi Kavya 1960 Tak
	Minor	4	HIN-211 Hindi Geet Aur Gazal
	AEC	2	HIN-251 Sampreshan Kaushal
	SEC	1T+2p	HIN-241 Anuvaad

4	Major	4	HIN-202 Sathottari Hindi Kavya
	Major	4	HIN-203 Rachanakaar ka Vishesh Adhyayan: Bishm Sahani
	Major	4	HIN-204 Lok sahitya
	Major	2	HIN-205 Hindi Nibandh
	Minor	3T+1P	HIN-221 Prayojanmoolak Hindi
	AEC	2	HIN-252 Sambhashan Kala
	EXT	4	HIN-261 Sutrasanchalan
5	Major	4	HIN-300 Hindi Sahitya Ka Itihaas: Aadikaal Se Ritikaal
	Major	4	HIN- 301 Asmitamoolak Vimarsh
	Major	4	HIN- 302 Rachnatmak Lekhan
	Major	2	HIN-303 Hindi Aatmakatha Sahitya
	Minor	3T+1P	HIN-321 Jansanchar Evam Patrakarita
6	Major	4	HIN 304 Hindi Sahitya Ka Itihaas: Aadhunik Kaal
	Major	4	HIN 305 Bhartiya Sahitya
	Major	4	HIN 306 Sahitya: Vichar Evam Darshan
	Major	4	HIN 307 Prakalp Karya
	Minor	3T+1P	HIN 322 Sahitya Aur Cinema

## COURSES IN POLITICAL SCIENCE

Semester	Paper Code	Paper Title	Credits
I	Major POL 100	Introduction to Political Theory	4
	Minor POL 111	Basic Concepts in Political Science	4
	MC POL 131	Contemporary Issues in India	3
	VAC VAC 104	Constitutional Values and Obligations	2
	SEC POL141	Leadership Skills in Politics	3
II	Major POL 100	Introduction to Political Theory	4
	Minor POL 111	Basic Concepts in Political Science	4
	MC POL 132	Introduction to Human Rights	3
	VAC VAC 104	Constitutional Values and Obligations	2
	SEC POL 142	Introduction to Political Reporting	3
	Exit Course POL 161	Political Communication	4
III	Major-1 POL 200	Indian Constitution	4
	Major-2 POL 201	International Relations	4
	Minor POL 211	Political and Social Issues in India	4
	MC POL 231	Contemporary Global Issues	3
	SEC POL 241	Local Self Governments in Goa	3
IV	Major-1 POL 202	Public Administration	4
	Major-2 POL 203	Government and Politics in Goa	4
	Major-3 POL 204	Gender and Women Empowerment	4
	Major-4 POL 205	Politics in Digital Age	2
	Minor/VET POL 221	Community Engagement and Political Participation	4
	Exit Course POL 261	Political Management and Advocacy	4

V	Major-1 POL 300	India's Defence & Security	4
	Major-2 POL 301	Comparative Government & Politics	4
	Major-3 POL 302	Indian Political Thinkers	4
	Major-4 POL 303	People's Movements in Goa	2
	Minor (VET) POL 322	Democracy & Legal Literacy in India	4
VI	Major-1 POL 304	Western Political Thinkers	4
	Major-2 POL 305	Indian Administration	4
	Major-3 POL 306	India's Foreign Policy	4
	Major-4 POL 307	Project	4
	Minor (VET)	Urban Governance & Appraisal	4



## COURSES IN HISTORY

Semester	Paper Code	Paper Title	Credits
I	Major HIS-100	History of Goa (From Early Times to Liberation)	4
	Minor HIS-111	Resistance to Colonial Rule in Goa	4
	MC HIS-131	Indigenous Heritage of Goa	3
II	Major HIS-100	History of Goa (From Early Times to Liberation)	4
	Minor HIS-112	Goa Since Liberation	4
	MC HIS-132	Women in Goan History	3
III	Major-1 HIS-200	History of India (From Earliest Times to 8th Century CE)	4
	Minor HIS-221	History of Food Culture in India.	4
	MC HIS-231	History of Ecology and Environment in India	3
IV	Major-1 HIS-202	History of India (1206-1707CE)	4
	Major-2 HIS-204	India's Struggle for Freedom (1857-1947)	4
	Major-3 HIS-205	Ancient Civilizations: Egypt and Greece (Earliest Times to 500 CE)	2
	Minor/VET HIS-221	Heritage Tourism in India (VET)	3T+1P
V	Major-1 HIS-300	Rise of the Modern West	4
	Major-2 HIS-302	India Since Independence (1947-2000)	4
	Major-3 HIS-303	Historical Method	2
VI	Major-1 HIS-304	History of Modern Europe(1815-1945)	4
	Major -2 HIS-305	Contemporary World	4
	Minor HIS-332	Studying Films representing History(VET)	3T =1P
	HIS- 307	Project Paper	2

## COURSES IN ECONOMICS

Semester	Paper Code	Paper Title	Credits
I  Arts	Major ECO-100	Introduction to Economics	4
	Minor ECO -111	Political Economy	4
	SEC ECO-142	Introduction to Entrepreneurship	3
I Commerce	MC ECO-131	Sustainable Development	3
II  Arts	Major ECO-100	Introduction to Economics	4
	Minor ECO -111	Political Economy	4
	SEC ECO-144	Fundamentals of Entrepreneurship	3
II Commerce	MC ECO-132	Globalization	3
III  Arts	Major-1 ECO-200	Microeconomics I	4
	Minor ECO-211	Primary Survey and Analysis	4
	SEC ECO-242	Entrepreneurship Development	3
III Commerce	Major-2 COM-200	Public Economics	4

<b>IV</b>  <b>Arts</b>	<b>Major-1</b> <b>ECO-202</b>	<b>Microeconomics II</b>	<b>4</b>
	<b>Major-2</b> <b>ECO-203</b>	<b>Macroeconomics II</b>	<b>4</b>
	<b>Major-3</b> <b>ECO-205</b>	<b>Development Economics I</b>	<b>2</b>
	<b>Minor/VET</b> <b>ECO-222</b>	<b>Financial Economics I</b>	<b>4</b>
<b>IV</b> <b>Commerce</b>	<b>Major-4</b> <b>COM-202</b>	<b>Fundamentals of Macroeconomics for Business</b>	<b>4</b>
<b>V</b>  <b>Arts</b>	<b>Major-1</b> <b>ECO-300</b>	<b>Basic Statistics</b>	<b>4</b>
	<b>Major-2</b> <b>ECO-301</b>	<b>Public Finance</b>	<b>4</b>
	<b>Major-3</b> <b>ECO-303</b>	<b>Development Economics II</b>	<b>2</b>
	<b>Minor</b> <b>ECO-322</b>	<b>Financial Economics II</b>	<b>4</b>
<b>V</b> <b>Commerce</b>	<b>Major-4</b> <b>COM-300</b>	<b>Indian Economy</b>	<b>4</b>
<b>VI</b>  <b>Arts</b>	<b>Major-1</b> <b>ECO-306</b>	<b>International Economics</b>	<b>4</b>
	<b>ECO-307</b>	<b>Project</b>	<b>4</b>
	<b>Minor</b> <b>ECO-324</b>	<b>Indian Financial System</b>	<b>4</b>
<b>VI</b> <b>Commerce</b>	<b>Major-3</b> <b>COM-304</b>	<b>International Economics</b>	<b>4</b>

## COURSES IN SOCIOLOGY

Semester	Paper Code	Paper Title	Credits
I	SOC 100	Invitation to Sociology	4
	SOC 111	Crime and Society	4
	SOC 131	Gender Studies – An Introduction (3)	3
	SOC 141	Tourists, Tourism and Tourist Guides	1T+2P
	SOC 112	Religion and Society	4
II	SOC 132	Health and Society	3
	SOC 100	Invitation to Sociology	4
III	SOC 142	Ethnographic Skills	1T+2P
	SOC-200	Society in India	4
	SOC-201	Social Concerns in India	4
	SOC-211	Juvenile Delinquency	4
	SOC -231	Youth and Social Institutions	3
	SOC-241	Academic Writing	1T+2P
	SOC-202	Understanding Goa	4
IV	SOC-203	Sociology of Social Conflict	4
	SOC-204	Gender and Society	4
	SOC-205	Technology and Self	2
	SOC-221	Social Skills and Etiquette	4

<b>V</b>	<b>SOC-300</b>	<b>Foundations of Sociological Thought</b>	<b>4</b>
	<b>SOC-321</b>	<b>Sociology of Marginalised Groups</b>	<b>4</b>
	<b>SOC-301</b>	<b>Indian Sociology</b>	<b>4</b>
	<b>SOC-302</b>	<b>Sociology of Migration</b>	<b>4</b>
	<b>SOC-303</b>	<b>Introduction to Social Research</b>	<b>2</b>
<b>VI</b>	<b>SOC-304</b>	<b>Modern Sociological Theories</b>	<b>4</b>
	<b>SOC-305</b>	<b>Sociology of Tribes</b>	<b>4</b>
	<b>SOC-306</b>	<b>Sociology of Environment</b>	<b>4</b>
	<b>SOC-322</b>	<b>Sanitation and Waste Management</b>	<b>4</b>
	<b>SOC-307</b>	<b>Project</b>	<b>4</b>



## COURSES IN PSYCHOLOGY

Semester	Paper Code	Paper Title	Credits
I	Major PSY100	Essentials of Psychology	3 + 1
	Minor PSY111	Child Psychology	4
	MC PSY131	Psychology of Adjustment	3
	SEC PSY141	Personality Development	1 + 2
II	Major PSY100	Essentials of Psychology	3 + 1
	Minor PSY111	Child Psychology	4
	MC PSY132	Environmental Psychology	3
	SEC PSY142	Stress Management	1 + 2
	Exit course PSY161	Mindfulness	2 + 2

III	Major PSY200	Attitudes and Social Cognition	3 + 1
	Major PSY201	Health Psychology	4
	Minor PSY211	Adolescent Psychology	4
	MC PSY231	Relationship Psychology	3
	SEC PSY241	Developing Psychological Skills	1 + 2
IV	Major PSY202	Social Influence and Group Processes	3 + 1
	Major PSY203	Positive Psychology	4
	Major-3 PSY204	Human Factors at Work	4
	Major PSY205	Psychology of Aging	2
	Minor/VET PSY221	Sports Psychology	4
V	Major PSY300	Psychological Tests and Measurements	3 + 1
	Major PSY301	Counselling Psychology	4
	Major PSY302	Abnormal Psychology	4
	Major PSY303	Research Methodology	2
	Minor PSY321	Qualitative Data Analysis	4
	PSY361	Internship	2
VI	Major PSY304	Cognitive Psychology	3 + 1
	Major PSY305	Statistics for Psychology	4
	Major PSY306	Criminal Psychology	4
	Major Psy307	Project	4
	Minor PSY322	Educational Psychology	4

## COURSES IN PHILOSOPHY

Semester	Paper Code	Paper Title	Credits
I	Major PHI-100	Introduction to Philosophy	4
	Minor PHI-111	Environmental Philosophy	4
	MC PHI-131	Ethics and contemporary Social issues	3
	SEC PHI-141	Introduction to Logic	3
II	Major PHI-100	Introduction to Philosophy	4
	Minor PHI-111	Environmental Philosophy	4
	MC PHI=132	Introduction to feminist consciousness	3
	SEC PHI-142	Practical Reasoning	3
III	Major-1 PHI-201	Introduction to Epistemology	4
	Minor PHI-211	Philosophy of Values	4
	MC-PHI 231	Philosophy of Human Rights	3
	SEC PHI-241	Critical Reasoning	3
IV	Major-1 PHI-203	Introduction to Metaphysics	4
	Major-2 PHI-204	Ancient Indian Philosophy	4
	Major-3 PHI-205	Pre-Socratic Thinkers	2
	Minor/VET PHI-221	Research Ethics	4

<b>V</b>	<b>Major-1 PHI-300</b>	<b>Introduction to Greek Thought</b>	<b>4</b>
	<b>Major-2 PHI-301</b>	<b>Heterodox Systems of Indian Philosophy</b>	<b>4</b>
	<b>Major-3 PHI-303</b>	<b>Existential Themes</b>	<b>2</b>
	<b>Minor PHI-321</b>	<b>Competitive Logic</b>	<b>4</b>
<b>VI</b>	<b>Major-1 PHI-305</b>	<b>Orthodox Schools of Indian Philosophy</b>	<b>4</b>
	<b>Major-2 PHI-307</b>	<b>Project</b>	
	<b>Minor PHI-322</b>	<b>Philosophical Counselling</b>	<b>4</b>



## COURSES IN GEOGRAPHY

Class	Semester	Category	Course Code	Course Title
FY.BA	I	Major	GOG100	GEOGRAPHY- Foundations in Geography
FY.BA	I	Minor	GOG111/ GOG112	GEOGRAPHY- Geography of sustainable development/ Geography of climate change
FYBCom	I	MC	COM134	GEOGRAPHY
FYBCom	II	MC	COM139	GEOGRAPHY
FYBA	I	SEC	GOG141	GEOGRAPHY
FYBA	II	SEC	GO-141	GEOGRAPHY
F.Y. B.A.	I	MC	GOG 131	GEOGRAPHY
F.Y.B.A.	II	MC	GOG 132	GEOGRAPHY
FY.BA /B,COM/ BSc.	I	VAC-EVS	VAC-100	ENVIRONMENTAL STUDIES
FY.BA /B,COM/ BSc.	II	VAC-EVS	VAC-101	ENVIRONMENTAL STUDIES

**BCom PROGRAMME STRUCTURE UNDER NEP 2020 (OA-38):**

**UG Degree Programmes with Single Major:**

B.COM. FINANCIAL ACCOUNTING (CFA) (HONOURS) SINGLE MAJOR

B.COM. COST ACCOUNTING (CCA) SINGLE MAJOR

B.COM. BUSINESS MANAGEMENT (CBM) SINGLE MAJOR

B.COM. BANKING & FINANCIAL SERVICES(CBF) SINGLE MAJOR

SELECT ANY ONE MAJOR IN SEMESTER I

**SEMESTER I**

Course Type	Code	Course Title	Credits
MAJOR	COM-100	Financial Accounting	4
MINOR	COM-111	Principles and Practice of Management	4

<b>MULTIDISCIPLINARY (Any One)</b>	<b>CSC-131</b>	<b>Emerging Trends in Computers</b>	<b>3</b>
	<b>MAT-131</b>	<b>Mathematical Techniques in Competitive Exams</b>	<b>3</b>
	<b>COM-134</b>	<b>Geography of Natural and Commercial Resources of Goa</b>	<b>3</b>
	<b>PSY-131</b>	<b>Psychology (Psychology of Adjustment)</b>	<b>3</b>
	<b>MIC-131</b>	<b>Microbiology (Microbial World)</b>	<b>3</b>
	<b>BOT-131</b>	<b>Botany (Kitchen Gardening)</b>	<b>3</b>
	<b>CHC-131</b>	<b>Chemistry (Introduction to Chemistry)</b>	<b>3</b>
	<b>PHY-131</b>	<b>Physics (History of Physics)</b>	<b>3</b>
	<b>ECO-131</b>	<b>Sustainable Development</b>	<b>3</b>
	<b>HIS-131</b>	<b>Indigenous Heritage of Goa</b>	<b>3</b>
	<b>POL-131</b>	<b>Contemporary Issues in India</b>	<b>3</b>
	<b>SOC-131</b>	<b>Gender Studies: An Introduction</b>	<b>3</b>
	<b>GOG-131</b>	<b>Astronomical Geography</b>	<b>3</b>
	<b>ELE-131</b>	<b>Introduction to Electricity</b>	<b>3</b>

<b>ABILITY ENHANCEMENT</b>	<b>ENG-151</b>	<b>Communicative English: Spoken and Written</b>	<b>2</b>
<b>SKILL ENHANCEMENT (ANY 1)</b>	<b>COM-141</b>	<b>Computer Applications in Business</b>	<b>3</b>
	<b>COM-142</b>	<b>Business Mathematics I</b>	<b>3</b>
	<b>COM-144</b>	<b>Business Documentation</b>	<b>3</b>
	<b>COM-145</b>	<b>Innovation and Start-Ups</b>	<b>3</b>
	<b>ENG-143</b>	<b>English for Competitive Exams</b>	<b>3</b>
<b>COMMON VALUE ADDED (Two per Semester)</b>	<b>VAC-101</b>	<b>EnvironmentStudies- I</b>	<b>2+2</b>
	<b>VAC-104</b>	<b>ConstitutionalValuesandObligations</b>	
	<b>VAC-106</b>	<b>NCC Army (ONLY FOR NCC CADETS)</b>	
	<b>VAC-110</b>	<b>AwarenessOfCyberCrimesandSecurity</b>	
	<b>VAC-115</b>	<b>HealthandWellness</b>	
		<b>TOTAL CREDITS</b>	<b>20</b>

## SEMESTER II

<b>Course Type</b>	<b>Code</b>	<b>Course Title</b>	<b>Credits</b>
<b>MAJOR</b>	<b>COM-101</b>	<b>Elements of Cost</b>	<b>4</b>
<b>MINOR</b>	<b>COM-112</b>	<b>Fundamentals of Banking</b>	<b>4</b>
<b>MULTIDISCIPLINARY (Any One)</b>	<b>CSC-133</b>	<b>Computers: Cyber Security Essentials</b>	<b>3</b>
	<b>MAT-131</b>	<b>Mathematical Techniques in Competitive Exams</b>	<b>3</b>
	<b>COM-139</b>	<b>Geography: Geography of Commercial Activities in Goa</b>	<b>3</b>
	<b>PSY-132</b>	<b>Psychology: Environment Psychology</b>	<b>3</b>
	<b>MIC-132</b>	<b>Microbiology: Microbiology in Everyday Life</b>	<b>3</b>
	<b>BOT-132</b>	<b>Botany: EcoSystem Diversity</b>	<b>3</b>
	<b>CHC-131</b>	<b>Chemistry: Introduction to Chemistry</b>	<b>3</b>
	<b>HIS-132</b>	<b>Women in Goan History</b>	<b>3</b>
	<b>ECO-132</b>	<b>Globalization</b>	<b>3</b>

	POL-132	Introduction to Human Rights	3
	SOC- 132	Sociology- Health and Society	3
	ELE-132	Repair and Maintenance of Domestic Electrical Appliances	3
ABILITY ENHANCEMENT	ENG152	Digital Content Creation in English	2
SKILL ENHANCEMENT (Any One)	COM -146	Business Data Processing and Networking	3
	COM-147	Business Mathematics II	3
	COM-148	Corporate Secretaryship	3
	COM-149	Introduction to Agripreneurship	3
	COM-150	Spreadsheet Applications for Business	3
	ENG-141	Soft Skills	3
	COMMON VALUE ADDED (Two per Semester)	VAC-101	EnvironmentStudies- I
VAC-104		ConstitutionalValuesandObligations	
VAC-106		NCC ARMY (ONLY FOR NCC CADETS)	2+2
VAC-110		AwarenessOfCyberCrimesandSecurity	
VAC-115		HealthandWellness	
		TOTAL	20

## SEMESTER III

Course Type	Code	Course Title	Credits
MAJOR	COM-200	Public Economics	4
MAJOR (Any One)	CFA-201	Financial Accounting- Government Accounting	4
	CCA-201	Cost Accounting-Methods of Costing I	4
	CBM-201	Business Management- Marketing Management	4
	CBF-201	Banking and Financial Services- Principles and Practice of Banking	4
MINOR (Any One)	CFA-211	Financial Accounting- Specialised Accounting	4
	CCA-211	Cost Accounting - Business Environment	4
	CBM-211	Business Management- Business Finance	4
	CBF-211	Banking and Financial Services- Introduction toCapital Market	4
		OR	
	COM212	Business Law	4
	COM213	Business Statistics I	4
MULTIDISCIPLINARY (Any One)	PSY -131	Relationship Psychology	3
	HISR-231	History of Ecology and Environment in Goa	3
	POL-231	Contemporary Global Issues	3
	SOC-231	Youth And Social Issues	3
	PHI- 231	Philosophy of Human Rights	3
	CSC -231	Web Designing	3
	MAT-231	Basic Financial Mathematics	3
	BOT -231	Plant Propagation Methods	3
	CHC-231	Chemistry: Environment Sustainability : Natural resources & Human Ethics	3

	ELE-231	Electronics: Computer Trouble shooting & Maintenance	3
	MIC-231	Microbiology: Scope of Microbiology	3
	PHY-231	Physics: Landmark Experiments in Physics	3
SKILL ENHANCEMENT (Any One)	COM241	Accounting Software Applications	3
	COM242	Business Data Analysis	3
	COM243	Personal Financial Planning	3
	COM244	Introduction to Auditing	3
ABILITY ENHANCEMENT		To be opted from the available ability enhancement courses approved by the respective Board of Studies	2
		TOTAL	20

## SEMESTER IV

Course Type		Code	Course Title	Credits
MAJOR		COM-202	Fundamentals of Macroeconomics for Business	4
MAJOR	Financial Accounting	CFA -203	Financial Statement Analysis	4
		CFA -204	Indirect taxes	4
		CFA -205	Forensic Accounting	2
		CCA-203	Methods of Costing	4
	Cost Accounting	CCA-204	Indirect Taxes	4
		CCA-205	Marginal Costing	2
		CBM-203	Services Marketing	4
	Business Management	CBM-204	Event Management	4
		CBM-205	Brand Management	2
		Banking & Financial Services	CBF-203	Law and Practice of Insurance
	CBF- 204		Principles & Practice of Insurance	4
	CBF- 205		Financial Statement Analysis of Banks	2

MINOR	Financial Accounting	COM-221	Accounting for Service Organisation(VET)	4
	Cost Accounting	CCA-221	Strategic Performance Management (VET)	4
	Business Management	CBM-221	Digital Marketing (VET)	4
	Banking & Financial Services	COM-221	Accounting for Service Organisation(VET)	4
			OR	
		COM-222	Corporate Law (VET)	4
		COM-223	Business Statistics II (VET)	4
ABILITY ENHANCEMENT		To be opted from the available ability enhancement courses approved by the respective Board of Studies		2
		TOTAL		20

## SEMESTER V

Course Type		Code	Course Title	Credits
MAJOR		COM-300	Indian Economy	4
		COM-303	Research Process	2
INTERNSHIP		COM-361	Internship	2
FINANCIAL ACCOUNTING	MAJOR	CFA-301	Advanced Corporate Accounting	4
		COM -302	Direct Tax I	4
	MINOR	CFA-321	Principles and Practice of Auditing (VET)	4
COST ACCOUNTING	MAJOR	CCA-301	Techniques of Costing	4
		COM -302	Direct Tax I	4
	MINOR	CCA-321	Cost and Management Audi (VET)	4
BUSINESS MANAGEMENT	MAJOR	CBM-301	Human Resource Management	4
		CBM -302	Retail Management	4
	MINOR	CBM-321	Supply Chain and Logistics Management (VET)	4

<b>BANKING AND FINANCIAL SERVICES</b>	<b>MAJOR</b>	<b>CBF-301</b>	<b>Bank Management</b>	<b>4</b>
		<b>CBF -302</b>	<b>Financial Services</b>	<b>4</b>
	<b>MINOR</b>	<b>CBF-321</b>	<b>Marketing of Financial Services (VET)</b>	<b>4</b>
			<b>TOTAL</b>	<b>20</b>

## SEMESTER VI

Course Type		Code	Course Title	Credits
<b>MAJOR</b>		<b>COM-304</b>	<b>International Economics</b>	<b>4</b>
<b>FINANCIAL ACCOUNTING</b>	<b>MAJOR</b>	<b>CFA-305</b>	<b>Financial Reporting and Sustainability Practices</b>	<b>4</b>
		<b>COM -306</b>	<b>Direct Tax II</b>	<b>4</b>
		<b>CFA-307</b>	<b>Project</b>	<b>4</b>
	<b>MINOR</b>	<b>COM-322</b>	<b>E-Filing of Income Tax and GST Returns (VET)</b>	<b>4</b>
<b>COST ACCOUNTING</b>	<b>MAJOR</b>	<b>CCA-305</b>	<b>Corporate Restructuring and valuation</b>	<b>4</b>
		<b>COM -306</b>	<b>Direct Tax II</b>	<b>4</b>
		<b>CCA-307</b>	<b>Project</b>	<b>4</b>
	<b>MINOR</b>	<b>COM-322</b>	<b>E-Filing of Income Tax and GST Returns VET)</b>	<b>4</b>
<b>BUSINESS MANAGEMENT</b>	<b>MAJOR</b>	<b>CBM-305</b>	<b>Entrepreneurship Development</b>	<b>4</b>
		<b>CBM -306</b>	<b>International Marketing</b>	<b>4</b>
		<b>CBM-307</b>	<b>Project</b>	<b>4</b>
	<b>MINOR</b>	<b>CBM-322</b>	<b>Tourism and Travel Management(VET)</b>	<b>4</b>
<b>BANKING AND FINANCIAL SERVICES</b>	<b>MAJOR</b>	<b>CBF-305</b>	<b>Modern Banking Operations and Services</b>	<b>4</b>
		<b>CBF -306</b>	<b>Financial Risk Management</b>	<b>4</b>
		<b>CBF-307</b>	<b>Project</b>	<b>4</b>
	<b>MINOR</b>	<b>CBF-322</b>	<b>Digital Banking (VET)</b>	<b>4</b>
			<b>TOTAL</b>	<b>20</b>

## **B.Sc. PROGRAMME STRUCTURE UNDER NEP 2020 (OA-38):**

### **Under Graduate Programme Structure for Science Semester I and II**

\*Students may choose Courses from the broad Disciplines of study for MAJOR and MINOR Courses which are as follows:

Botany

Chemistry

Computer Science

Electronics

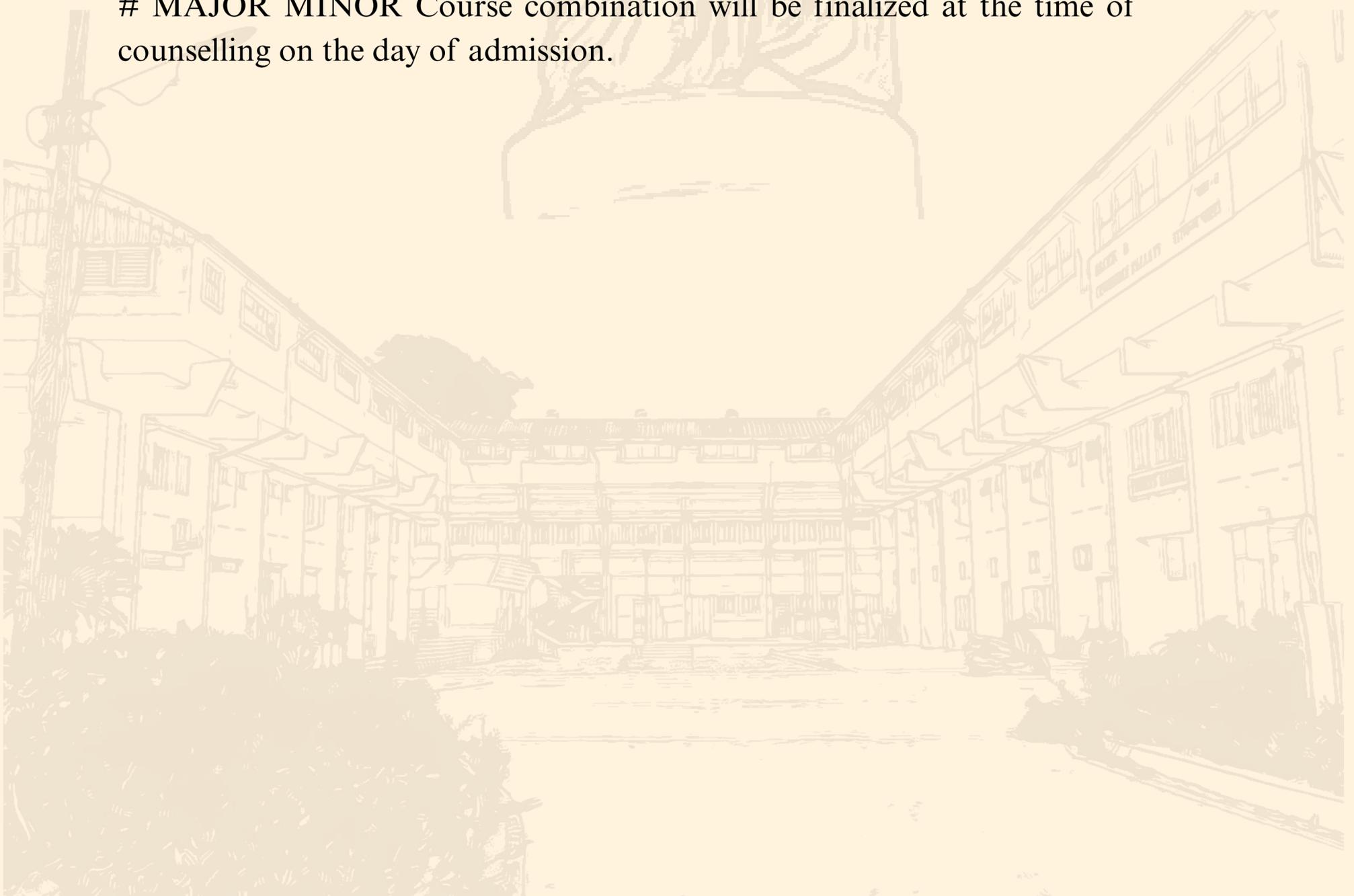
Mathematics

Microbiology

Physics

Select any one subject as MAJOR and one other subject as MINOR from the above list\*

# MAJOR MINOR Course combination will be finalized at the time of counselling on the day of admission.



## Programme Structure for Science Semester I and II

OPTION (Choose any one option)		SEMESTER	MAJOR	MINOR	MC Choose a subject for Sem 1 and 2	AEC	SEC	VAC
Option 1	1 (a)	I	Botany BOT – 100 FUNDAMENTALS OF BOTANY	Chemistry CHC – 111 BASIC CONCEPTS IN CHEMISTRY			Botany BOT – 141 NURSERY AND GARDENING	
	1 (b)	I	Microbiology MIC – 100 BASICS OF MICROBIOLOGY	Physics PHY – 111 EVERYDAY PHYSICS			Microbiology MIC – 141 TECHNIQUES IN MICROBIOLOGY – STAINING AND MICROSCOPY	
Option 2	2 (a)	I	Chemistry CHC – 100 FUNDAMENTALS OF CHEMISTRY	Microbiology MIC – 111 MICROBIAL ECOLOGY AND ENVIRONMENT	Psychology PSY – 131 PSYCHOLOGY OF ADJUSTMENT OR History HIS – 131 INDIGENOUS HERITAGE OF GOA OR Sociology SOC – 131 GENDER STUDIES: AN INTRODUCTION	English ENG – 151 COMMUNICATIVE ENGLISH: SPOKEN AND WRITTEN	Chemistry CHC – 141 WATER AND SOIL ANALYSIS Or CHC 143 Chemistry of Cosmetics and Perfumes Or CHC142 Skills in Qualitative	1) VAC – 101 ENVIRONMENTAL STUDIES I & 2) VAC – 105 CONSTITUTIONAL VALUES AND OBLIGATION  OR 1) VAC – 111 AWARENESS OF CYBER CRIMES AND SECURITY & 2) VAC – 115 HEALTH AND WELLNESS
			Physics PHY – 100	Botany BOT – 111	Physics PHY – 141			
	2 (b)	I						

			FOUNDATIONS OF PHYSICS	PLANTS IN EVERYDAY LIFE Or Statistics MAT – 112 ELEMENTARY STATISTICS	OR Political science POL – 131 CONTEMPORARY ISSUES IN INDIA OR		BASIC EXPERIMENTAL TECHNIQUES  OR PHY 143 HOUSEHOLD WIRING	
Option 3	3(a)	I	Chemistry CHC – 100 FUNDAMENTALS OF CHEMISTRY	Microbiology MIC – 111 MICROBIAL ECOLOGY AND ENVIRONMENT	Commerce COM – 132 FUNDAMENTALS OF STOCK MARKETS		Chemistry CHC – 141 WATER AND SOIL ANALYSIS Or CHC143 CHEMISTRY OF COSMETICS AND PERFUMES Or CHC142 Skills in Qualitative Organic analysis	
	3 (b)	I	Electronics ELE – 100 ELECTRONIC DEVICES AND CIRCUITS	Botany BOT – 111 PLANTS IN EVERYDAY LIFE			Electronics ELE – 141 ELECTRONICS FOR BEGINNERS	
Option 4	4(a)	I	Computer Science CSC – 101 PROBLEM SOLVING AND PROGRAMMING CONCEPTS	Statistics MAT – 112 ELEMENTARY STATISTICS	Commerce COM – 131 ACCOUNTING FOR NON ACCOUNTANTS	English ENG – 151 COMMUNICATIVE ENGLISH: SPOKEN AND WRITTEN	Semester I Mathematics MAT – 141 NUMERICAL ANALYSIS USING PYTHON/ SAGEMATH OR Computer Science CSC – 152 WEB DESIGNING	1) VAC – 101 ENVIRONMENTAL STUDIES 1  & 2) VAC – 109 INTRODUCTION TO FOLKTALES OF INDIA
	4(b)	I	Mathematics MAT – 100 FOUNDATIONAL MATHEMATICS	Computer Science CSC 112 COMPUTER SOFTWARE FUNDAMENTALS				

				<p>FUNDAMENTALS (Sem I)</p> <p>CSC 114 SOCIAL MEDIA MARKETING (Sem II)</p>		<p><b>Semester II</b>  <b>Mathematics</b>  <b>MAT- 142</b>  <b>STATISTICAL METHODS USING R/ SPSS/ PSPP</b>  <b>OR</b>  <b>Computer Science CSC – 146</b>  <b>BASICS OF PYTHON PROGRAMMING</b></p>	
Option 5	5(a)		<p>Mathematics MAT – 100 FOUNDATIONAL MATHEMATICS</p>	<p>Electronics ELE-111 ANALOG FUNDAMENTALS - EDA</p>			
	5(b)		<p>Physics PHY – 100 FOUNDATIONS OF PHYSICS</p>	<p>Computer Science CSC 112 COMPUTER SOFTWARE FUNDAMENTALS</p>		<p>Physics PHY – 141 BASIC EXPERIMENTAL TECHNIQUES</p> <p>OR</p> <p>PHY 143 HOUSEHOLD WIRING</p>	
Option 6	6(a)		<p>Electronics ELE – 100 ELECTRONIC DEVICES AND CIRCUITS</p>	<p>Computer Science CSC 112 COMPUTER SOFTWARE FUNDAMENTALS</p>		<p>Electronics ELE – 141 ELECTRONICS FOR BEGINNERS</p>	
	6(b)		<p>Computer Science CSC– 101 PROBLEM SOLVING AND PROGRAMMING CONCEPTS</p>	<p>Physics PHY – 111 EVERYDAY PHYSICS</p>			

Option 7	7(a)		Physics PHY – 100 FOUNDATIONS OF PHYSICS	Chemistry CHC – 111 BASIC CONCEPTS IN CHEMISTRY		Physics PHY – 141 BASIC EXPERIMENTAL TECHNIQUES  OR  PHY 143 HOUSEHOLD WIRING	
	7(b)		Electronics ELE – 100 ELECTRONIC DEVICES AND CIRCUITS	Statistics MAT -111 ELEMENTARY MATHEMATICS		Electronics ELE – 141 ELECTRONICS FOR BEGINNERS	
Option 8	8(a)		Microbiology MIC – 100 BASICS OF MICROBIOLOGY	Botany BOT – 111 PLANTS IN EVERYDAY LIFE		Microbiology MIC – 141 TECHNIQUES IN MICROBIOLOGY – STAINING AND MICROSCOPY	
	8(b)		Chemistry CHC – 100 FUNDAMENTALS OF CHEMISTRY	Physics PHY – 111 EVERYDAY PHYSICS  OR  /Statistics MAT – 112 ELEMENTARY STATISTICS			
Option 9	9(a)		Chemistry CHC – 100 FUNDAMENTALS OF CHEMISTRY	Microbiology MIC – 111 MICROBIAL ECOLOGY AND ENVIRONMENT			
	9(b)		Botany BOT – 100 FUNDAMENTALS OF BOTANY	Electronics ELE- 111 ANALOG FUNDAMENTALS - EDA		Botany BOT – 141 NURSERY AND GARDENING	

## Programme Structure for Science Semester III / IV / V / VI

### SINGLE MAJOR DEGREE PROGRAM

1. **MAJOR:** Choose any one subject as MAJOR from among the 4 Courses (2 Major and 2 Minor) studied at Sem I & II (FYBSc.).
2. **MINOR:** Choose any one MINOR. Minor cannot be same as Major.

#### Single Major:

Botany

Chemistry

Computer Science

Electronics

Mathematics

Microbiology

Physics

3. **SEC:** (Only for Semester III) Choose SEC same as the Major subject chosen

4. **VET:** (Only for Semester IV) Choose any one subject. VET can be same as the Major.

5. **AEC:** (Semester III & IV) Choose any one language course — Hindi / Marathi / Konkani.

6. **MC:** (Only for Semester III) Choose any one subject from those listed below:  
History/ Psychology / Political Science / Sociology / Commerce

# BACHELOR OF SCIENCE(B.SC.) COURSE CONTENT

## COURSES IN MATHEMATICS

Class	Semester	Category	Course Code	Course Title
F.Y.B.Sc	I & II	Major	MAT-100	Foundational Mathematics
		Minor	MAT-112	Elementary Statistics
	I	SEC	MAT-141	Numerical Analysis using Python/Sage Math
	II	SEC	MAT-142	Statistical Methods using R/SPSS/PSPP
S.Y.B.Sc	III	Major	MAT-200	Calculus of One Variable
			MAT-201	Ordinary Differential Equation
		Minor	MAT-212	Enumerative Combinatorics
		SEC	MAT-241	Technical Typesetting using LaTeX
	IV	Major	MAT-202	Analysis
			MAT-203	Linear Algebra
			MAT-204	Basic Number Theory
			MAT-205	Analytical 2D Geometry
		Minor	MAT-222	Theory of Equations

Class	Semester	Category	Course Code	Course Title
T.Y.B.Sc	V	Major	MAT-300	Riemann Integration and Improper Integrals
			MAT-301	Group Theory I
			MAT-302	Metric Spaces
			MAT-303	Analytical 3D Geometry
		Minor	MAT-321	Linear Programming Problems
			MAT-322	Applied Statistics
			MAT-323	Bio-Mathematics
	Internship			
	VI	Major	MAT-304	Group Theory II
			MAT-305	Complex Analysis
			MAT-306	Vector Calculus
			MAT-307(P)	Project
		Minor	MAT-324	Operations Research
MAT-325			Econometrics	
			MAT-326	Mathematical Demography

### Papers offered to non-science departments (Under NEP)

Class	Semester	Category	Course Code	Course Title
F.Y. B.Com. & F.Y. B.A.	I	MC	MAT-131	Mathematical Techniques in Competitive Exams
	II	MC	MAT-132	Descriptive Statistics
F.Y. B.Com.	I	SEC	COM-142	Business Mathematics I
	II	SEC	COM-147	Business Mathematics II
S.Y.B.Com. & S.Y. B.A.	III	MC	MAT-231	Basic Financial Mathematics

## COURSES IN PHYSICS

Class	Semester	Category	Paper Code	Paper Title
F.Y.B.Sc.	I	Major	PHY-100	Foundations of Physics
		Minor	PHY-111	Everyday Physics
		SEC	PHY-141	Basic Experimental Techniques
			PHY-143	House Electrical Wiring
		MC	PHY-131	History of Physics
F.Y.B.Sc.	II	Major	PHY-100	Foundations of Physics
		Minor	PHY-111	Everyday Physics
		SEC	PHY-141	Basic Experimental Techniques
			PHY-143	House Electrical Wiring
		MC	PHY-132	Indian Contribution to Physics
S.Y.B.Sc.	III	Major	PHY-200	Properties of Matter and Sound
			PHY-201	Heat and Thermodynamics
		Minor	PHY-211	Electricity and Magnetism
		MC	PHY-231	Landmark Experiments in Physics
		SEC	PHY-241	Introduction to LaTeX and Open-source Plotting Software
IV	Major	PHY-202	Electronics	S.Y.B.Sc.
		PHY-203	Optics and Modern Physics	
		PHY-204	Classical Mechanics - I	
		PHY-205	Mathematical Methods of Physics - I	
	Minor	PHY-221	Communication Physics	

<b>T.Y.B.Sc.</b>	<b>V</b>	<b>Major</b>	<b>PHY-300</b>	<b>Analog and Digital Electronics</b>
			<b>PHY-301</b>	<b>Atomic and Molecular Physics</b>
			<b>PHY-302</b>	<b>Physics Laboratory - I</b>
		<b>PHY-303</b>	<b>Special Theory of Relativity</b>	
		<b>Minor</b>	<b>PHY-321</b>	<b>Experimental Physics</b>
<b>T.Y.B.Sc.</b>	<b>VI</b>	<b>Major</b>	<b>PHY-304</b>	<b>Electromagnetic Theory</b>
			<b>PHY-305</b>	<b>Quantum Mechanics - I</b>
			<b>PHY-306</b>	<b>Physics Laboratory - II</b>
			<b>PHY-307</b>	<b>Project</b>
		<b>Minor</b>	<b>PHY-324</b>	<b>Solid State Devices and Instrumentation</b>



## COURSES IN BOTANY

Sem	Major – Core	Minor	MC	SEC	Exit
I	BOT-100 Fundamentals of Botany (3T+1P)	BOT-111 Plants in Everyday Life (4T)	BOT-131 Kitchen Gardening (3T)	BOT-141 Nursery and Gardening (1T+2P)	
II	BOT-100 Fundamentals of Botany (3T+1P)	BOT-111 Plants in Everyday Life (4T)	BOT-132 Ecosystem Diversity (3T)	BOT-141 Nursery and Gardening (1T+2P)	BOT-161 Floriculture (1T+3P)
III	BOT-200 Diversity of Microbes and Non-flowering Plants (3T+1P) BOT-201 Plant Nutrition (3T+1P)	BOT-211 Plant-Animal Interactions (3T+1P)	BOT-231 Plant Propagation Methods (3T)	BOT-241 Herbal Technology (1T+2P)	
IV	BOT-202 Anatomy and Reproductive Biology of Flowering Plants (3T+1P)	BOT-222 Ecotourism (2T+2P) [VET]	–		BOT-261 Organic Farming (1T+3P)
V	BOT-300 Plant Taxonomy and Phylogeny (3T+1P) BOT-301 Cytogenetics and Plant Breeding (3T+1P)	BOT-321 Mushroom Cultivation Technology (3T+1P) [VET]	–	–	BOT-361 Internship (2)
VI	BOT-304 Plant Tissue Culture (3T+1P) BOT-305 Plant Ecology and Conservation (3T+1P)	BOT-322 Post-harvest Technology of Fruits and Vegetables (3T+1P) [VET]	–	–	

## COURSES IN ELECTRONICS

Semester	Paper Code	Paper Title	Credits
I	ELE-100 MAJOR	Electronic devices and circuits	2T+1P
	ELE-111 MINOR	Analog Fundamentals – EDA	4T
	ELE-141 SEC	Electronics for Beginners	1T+2P
	ELE-131 MC	Introduction to Electricity	3T
II	ELE-100 MAJOR	Electronic devices and circuits	2T+1P
	ELE-111 MINOR	Analog Fundamentals – EDA	4T
	ELE-142 SEC	PCB Designing and Fabrication	1T+2P
	ELE-132 MC	Repair and Maintenance of Domestic Electrical Appliances	3T
III	ELE-200 MAJOR	Basic Circuit Theory and Network Analysis	3T+1P
	ELE-201 MAJOR	Linear Integrated Circuits	3T+1P
	ELE-211 MINOR	Digital Fundamentals- EDA	3T+1P
	ELE-241 SEC	PLC and HMI	1T+2P
	ELE-231 MC	Computer Troubleshooting and Maintenance	3T

IV	ELE-202 MAJOR	8085-Microprocessor	3T+1P
	ELE-203 MAJOR	Transducers and Instrumentation	3T+1P
	ELE-204 MAJOR	Electronic Communication	3T+1P
	ELE-205 MAJOR	Programming in C	3T+1P
	ELE-221 MINOR	Robotics	3T+1P
V	ELE-300 MAJOR	8051 - Microcontroller	3T+1P
	ELE-301 MAJOR	Power Electronics	3T+1P
	ELE-302 MAJOR	Operating System	3T+1P
	ELE-303 MAJOR	Programming with Python	1T+1P
	ELE-321 MINOR	Internet of Things and Application	3T+1P
	ELE-361 INTERNSHIP	Internship	2T
VI	ELE-304 MAJOR	Embedded Systems	3T+1P
	ELE-305 MAJOR	Biomedical Instrumentation	3T+1P
	ELE-306 MAJOR	Computer Networking and System Administration	3T+1P
	ELE-322 MINOR	Programming with MATLAB	3T+1P
	ELE-307 MAJOR	Project	4T

## COURSES IN MICROBIOLOGY

Semester	Paper Code	Paper Title	Credits
I	Major MIC-100	Basics of Microbiology	(3T+1P)
	Minor MIC-111	Microbial Ecology and Environment	(4T)
	MC MIC-131	Introduction to Microbial World	(3T)
	SEC MIC-141	Techniques in Microbiology- Staining and Microscopy	(1T+2P)
II	Major MIC-100	Basics of Microbiology	(3T+1P)
	Minor MIC-111	Microbial Ecology and Environment	(4T)
	MC MIC-132	Microbiology in Everyday Life	(3T)
	SEC MIC-142	Techniques in Microbiology: Microbial Cultivation and Enumeration	(1T+2P)
	Exit Course MIC-161	Laboratory Skills in Microbiology	(4)
III	Major-1 MIC-200	Microbial Biochemistry	(3T+1P)
	Major-2 MIC 201	Molecular Biology	(3T+1P)
	Minor MIC-211	Environmental Microbiology	(3T+1P)
	MC MIC-231	Scope of Microbiology	(3T)
	SEC MIC-241	Dairy Microbiology	(1T+2P)
IV	Major-1 MIC-202	Cell Biology	(3T+1P)
	Major-2 MIC-203	Microbial Physiology	(3T+1P)
	Major-3 MIC-204	Microbial Genetics	(3T+1P)
	Major-4 MIC-205	Basic Biostatistics	(2T)
	Minor/VET MIC-221	Instrumentation in Microbiology	(3T+1P)
	Exit Course MIC-162	Quality control and assurance in microbial processes and products	(4)

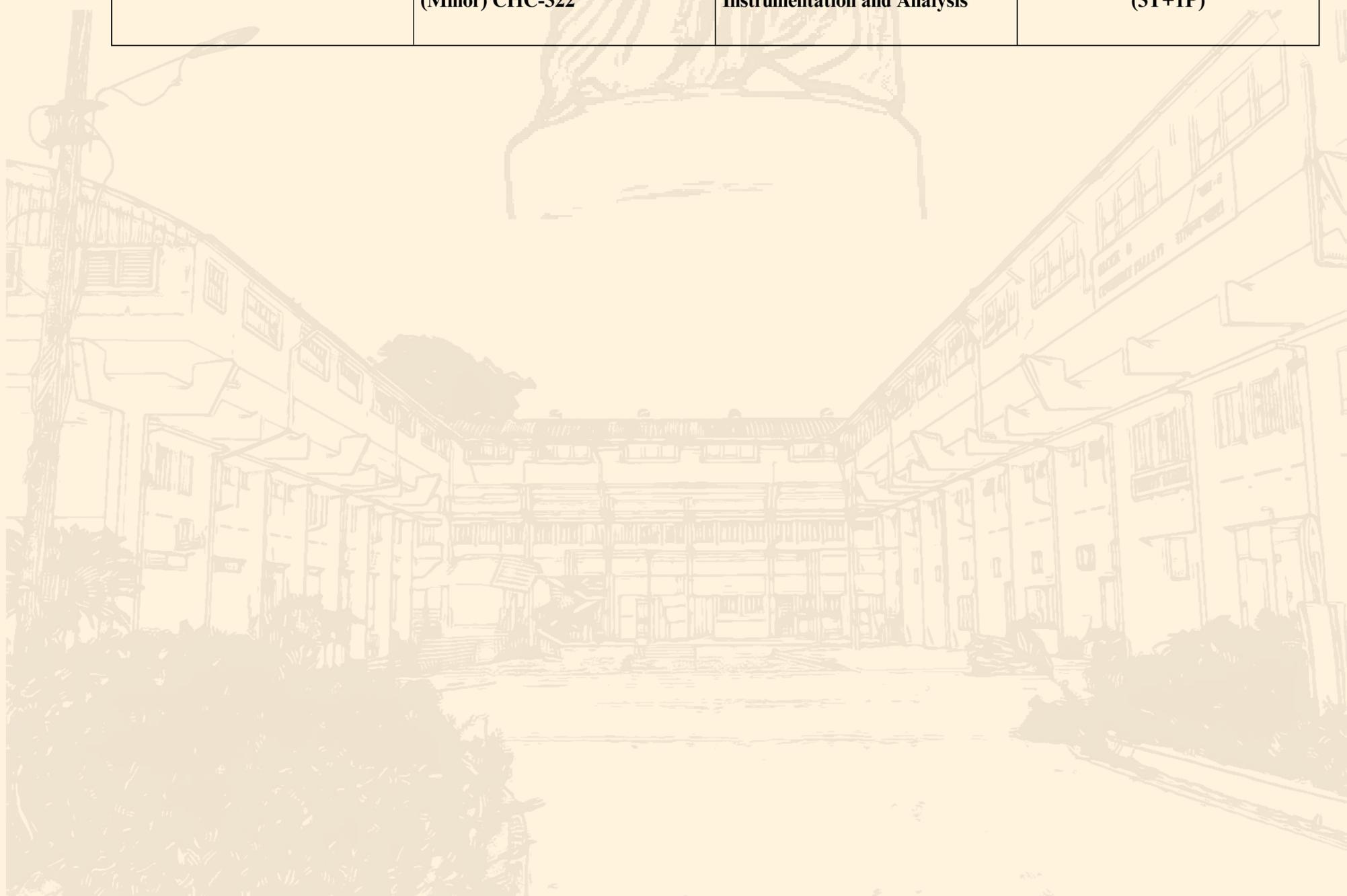
<b>V</b>	<b>Major-1 MIC-300</b>	<b>Industrial Microbiology</b>	<b>(3T+1P)</b>
	<b>Major-2 MIC-301</b>	<b>Virology</b>	<b>(3T+1P)</b>
	<b>Major-3 MIC-302</b>	<b>Mycology and Protista</b>	<b>(3T+1P)</b>
	<b>Major-4 MIC-303</b>	<b>Introduction to Bioinformatics</b>	<b>(2T)</b>
	<b>Minor MIC-321</b>	<b>Medical Microbiology</b>	<b>(3T+1P)</b>
	<b>Internship MIC-361</b>		<b>(2)</b>
<b>VI</b>	<b>Major-1 MIC-304</b>	<b>Agricultural Microbiology</b>	<b>(3T+1P)</b>
	<b>Major-2 MIC-305</b>	<b>Immunology</b>	<b>(3T+1P)</b>
	<b>Major-3 MIC-306</b>	<b>Taxonomy and Systematics of Prokaryotes</b>	<b>(3T+1P)</b>
	<b>Major-4 MIC-307</b>	<b>Project</b>	<b>(4)</b>
	<b>Minor MIC-322</b>	<b>Food Microbiology</b>	<b>(3T+1P)</b>



# COURSES IN CHEMISTRY

Semester	Paper Code	Paper Title	Credits
I and II	(Major-1) CHC-100	Fundamentals of Chemistry	(3T+1P)
	(Minor) CHC-111	Basic Concepts in Chemistry	(4T)
	(MC) CHC-131	Introduction to Chemistry	(3T)
	(SEC-1) CHC-141	Water and Soil Analysis	(1T+2P)
	(SEC-2) CHC-142	Skills in Qualitative Organic Analysis	(1T+2P)
	(SEC-3) CHC-143	Chemistry of Cosmetics and Perfumes	(1T+2P)
	(Exit Course) CHE-161	Systematic Chemistry Laboratory Techniques	(1T+3P)
III	(Major-2) CHC-200	Concepts in Inorganic and Physical Chemistry	(3T+1P)
	(Major-3) CHC-201	Concepts in Organic and Analytical Chemistry	(3T+1P)
	(Minor) CHC-211	Basic Industrial Chemistry	(4T)
	(MC) CHC-231	Environmental Sustainability: Natural Resources and Human Ethics	(3T)
	(SEC) CHC-241	Mathematical Aspects and Computers in Chemistry	(1T+2P)
	(SEC) CHC-242	Introductory Skills in Green Chemistry	(1T+2P)
	(SEC) CHC-243	Drug Synthesis and Analysis	(1T+2P)
IV	(Major-4) CHC-202	Organic Chemistry-I	(3T+1P)
	(Major-5) CHC-203	Inorganic Chemistry-I	(3T+1P)
	(Major-6) CHC-204	Physical Chemistry-I	(3T+1P)
	(Major-7) CHC-205	Pharmaceutical Chemistry-I	(2T)
	(Minor) CHC-221	Basics of Chemical Laboratory Management	(3T+1P)
	(Exit Course) CHE-162	Basic Techniques in Qualitative and Quantitative Analysis	(1T+3P)

V	(Major-8) CHC-300	Organic Chemistry-II	(3T+1P)
	(Major-9) CHC-301	Inorganic Chemistry-II	(3T+1P)
	(Major-10) CHC-302	Physical Chemistry-II	(3T+1P)
	(Major-11) CHC-303	Green Chemistry Techniques	(2T)
	(Minor) CHC-321	Chemistry of Food and Nutrients	(3T+1P)
	Internship CHE-361	Internship	(2)
VI	(Major-12) CHC-304	Advanced Organic Chemistry-I	(3T+1P)
	(Major-13) CHC-305	Advanced Inorganic Chemistry-I	(3T+1P)
	(Major-14) CHC-306	Advanced Physical Chemistry-I	(3T+1P)
	(Major-15) CHC-307	Project	(4)
	(Minor) CHC-322	Instrumentation and Analysis	(3T+1P)



# COURSES IN COMPUTER SCIENCE

Semester		Paper Code & Name	Credits
I	Major	CSC 101 Problem Solving and Programming Concepts	3T+1P
	Minor	CSC 112 Computer Software Fundamentals	4T
	SEC	CSC-152 Web Designing	1T+2P
II	Major	CSC 101 Problem Solving and Programming Concepts	3T+1P
	Minor	CSC 114 Social Media Marketing	4T
	SEC	CSC-147 Graphical User Interface Design CSC-148 Data Analytics using Spreadsheets -II	1T+2P
III	Major	CSC 206 Object Oriented Technologies	3T+1P
	Major	CSC 201 Mathematical Foundations of Computer Science	3T+1P
	Minor	CSC 212 Office Administration	3T+1P
	SEC	CSC-247 Gen AI	1T+2P
IV	Major	CSC 202 Data Structures and Algorithms	3T+1P
	Major	CSC 207 Web Technologies	3T+1P
	Major	CSC 208 Computer Organisation and Operating System	4T
	Major	CSC 209 Computer Organisation and Operating System Lab	2P
	VET	CSC 221 Introduction to Python Programming	3T+1P
V	Major	CSC 308 Database Management System	3T+1P
	Major	CSC 301 Computer Networks	3T+1P
	Major	CSC 302 Software Engineering	3T+1P
	Major	CSC 309 Mobile Application Development Lab	2P
	VET	CSC 327 Prompt Engineering	3T+1P
VI	Major	CSC 310 Internet of Things	3T+1P
	Major	CSC 311 Data Science	3T+1P
	Major	CSC 306 Software Quality Assurance	3T+1P
	Major	CSC 307 Project	2P
	VET	CSC 324 R Programming for Data Science	3T+1P

## NEP papers offered for B.A . , B.Com.

Semester		Paper code name	Credits
I	MC	CSC 131 Emerging Trends in Computers (B.A.& B.Com.)	3T
	SEC	CSC-143 Data Analytics using Spreadsheets -I (B.Com)	1T+2P
II	MC	CSC 135 Cyber Security Essentials (B.A. & B.Com.)	3T
	SEC	CSC-148 Data Analytics using Spreadsheets -II (B.Com)	1T+2P
III	MC	CSC 231 Web Designing (B.A. & B.Com.)	3T



# **BACHELOR OF BUSINESS ADMINISTRATION (BBA)**

## **Eligibility for admission to the BBA programme:**

- The candidate must have passed Std. 12th or an equivalent examination from any recognized board, with any faculty.
- There are no specific stream requirements; candidates from all disciplines are welcome to apply.

## **Selection:**

The admission process for the BBA programme is a merit-based selection process, which includes:

1. Xaviers Entrance Test (XET): 50% weightage. The entrance test evaluates candidates on a variety of subjects, including general knowledge, business acumen, quantitative aptitude, and logical reasoning.
2. Personal Interview: 30% weightage. Shortlisted candidates from the entrance test will be invited for a personal interview to assess communication skills, motivation, and fit for the programme.
3. 12th Standard Percentage: 20% weightage. The candidate's performance in the Std. 12th examination will contribute 20% to the final selection process.

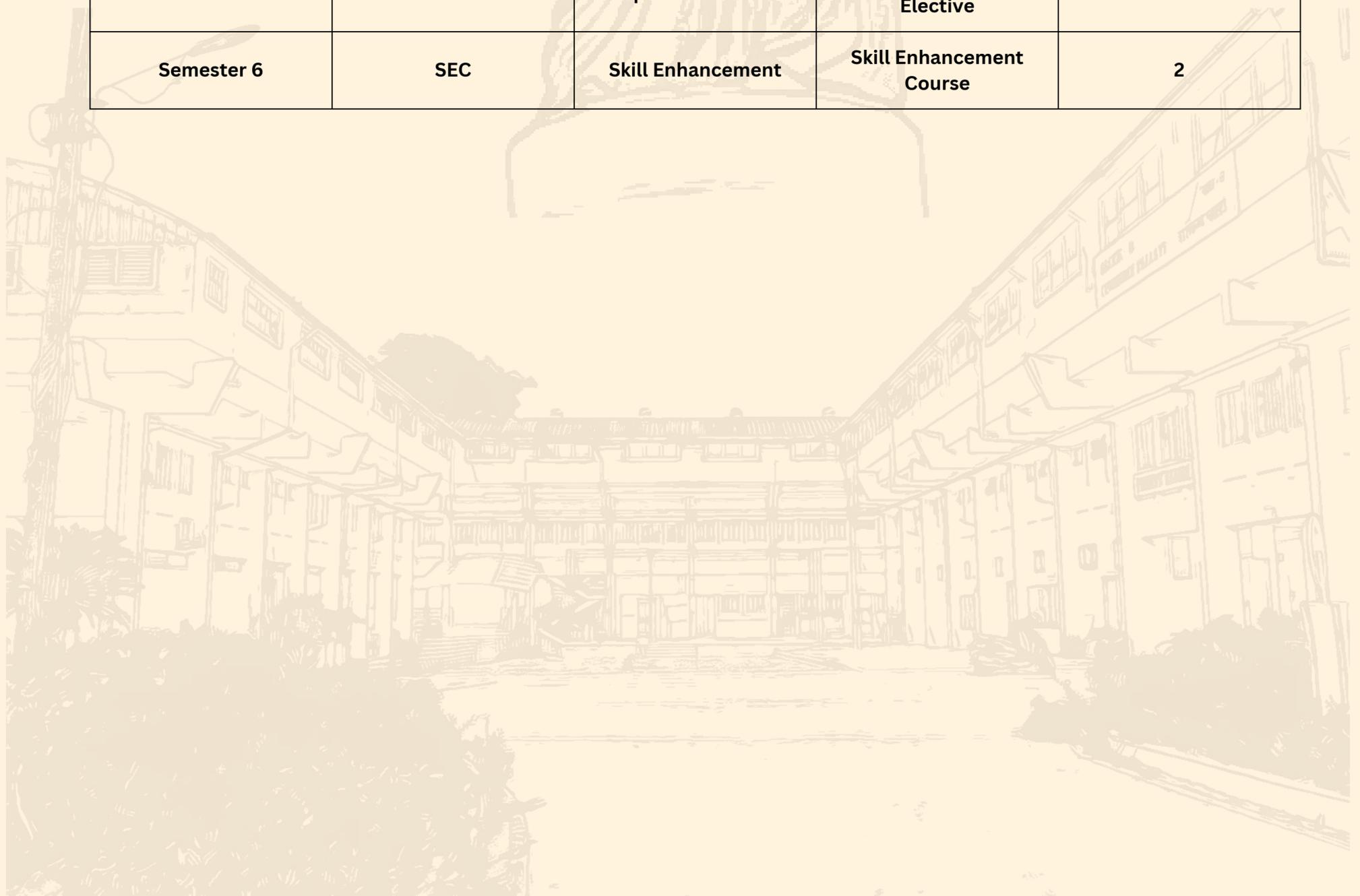
The final merit list will be based on the combined scores from the entrance test, personal interview, and academic performance.

## **Programme Structure as per NEP**

The BBA programme spans over three years and is divided into six semesters and multiple exit points as per the applicable ordinances. Our curriculum is designed to ensure students not only gain the knowledge they need but also develop critical thinking, problem-solving, and entrepreneurial skills. Key areas of study in the BBA programme include Business Fundamentals, Financial Management, Marketing, Human Resources Management, Event Management, Operations, Entrepreneurship and Business Ethics

Semester	Subject Type	Paper Code	Paper Name	Credits
Semester 1	Core Course	MNA-100	Management Process and Organisational Behaviour	4
Semester 1	Core Course	MNA-101	Human Resource Management	4
Semester 1	Core Course	MNA-102	IT Skills for Business	4
Semester 1	AEC	ENG-151	Communicative English: Spoken and Written	2
Semester 1	SEC	ENG-152	Digital Content Creation in English	2
Semester 1	MDE	MDE List 1	Multidisciplinary Elective	2
Semester 1	VAC	Approved List	Value Added Course	2
Semester 2	Core Course	MNA-150	Principles of Marketing	4
Semester 2	Core Course	MNA-151	Business Economics	4
Semester 2	Core Course	MNA-152	Financial Accounting	4
Semester 2	AEC	ENG-153	Business Communication	2
Semester 2	SEC	ENG-154	Professional Writing Skills	2
Semester 2	MDE	MDE List 2	Multidisciplinary Elective	2
Semester 2	VAC	Approved List	Value Added Course	2
Semester 3	Core Course	MNA-200	Organisational Behaviour	4
Semester 3	Core Course	MNA-201	Cost Accounting	4
Semester 3	Core Course	MNA-202	Business Statistics	4
Semester 3	SEC	Skill Enhancement	Skill Enhancement Course	2
Semester 3	VAC	Approved List	Value Added Course	2
Semester 4	Core Course	MNA-250	Financial Management	4
Semester 4	Core Course	MNA-251	Operations Management	4
Semester 4	Core Course	MNA-252	Research Methodology	4

<b>Semester 4</b>	<b>SEC</b>	<b>Skill Enhancement</b>	<b>Skill Enhancement Course</b>	<b>2</b>
<b>Semester 4</b>	<b>VAC</b>	<b>Approved List</b>	<b>Value Added Course</b>	<b>2</b>
<b>Semester 5</b>	<b>Core Course</b>	<b>MNA-300</b>	<b>Strategic Management</b>	<b>4</b>
<b>Semester 5</b>	<b>Core Course</b>	<b>MNA-301</b>	<b>Entrepreneurship Development</b>	<b>4</b>
<b>Semester 5</b>	<b>Elective</b>	<b>Specialisation 1</b>	<b>Discipline Specific Elective</b>	<b>4</b>
<b>Semester 5</b>	<b>Elective</b>	<b>Specialisation 2</b>	<b>Discipline Specific Elective</b>	<b>4</b>
<b>Semester 5</b>	<b>SEC</b>	<b>Skill Enhancement</b>	<b>Skill Enhancement Course</b>	<b>2</b>
<b>Semester 6</b>	<b>Core Course</b>	<b>MNA-350</b>	<b>International Business</b>	<b>4</b>
<b>Semester 6</b>	<b>Core Course</b>	<b>MNA-351</b>	<b>Business Ethics and CSR</b>	<b>4</b>
<b>Semester 6</b>	<b>Elective</b>	<b>Specialisation 3</b>	<b>Discipline Specific Elective</b>	<b>4</b>
<b>Semester 6</b>	<b>Elective</b>	<b>Specialisation 4</b>	<b>Discipline Specific Elective</b>	<b>4</b>
<b>Semester 6</b>	<b>SEC</b>	<b>Skill Enhancement</b>	<b>Skill Enhancement Course</b>	<b>2</b>



# DEPARTMENT OF BACHELOR OF BUSINESS ADMINISTRATION (TRAVEL & TOURISM)

## **Eligibility for admission to the BBA (T&T) programme:**

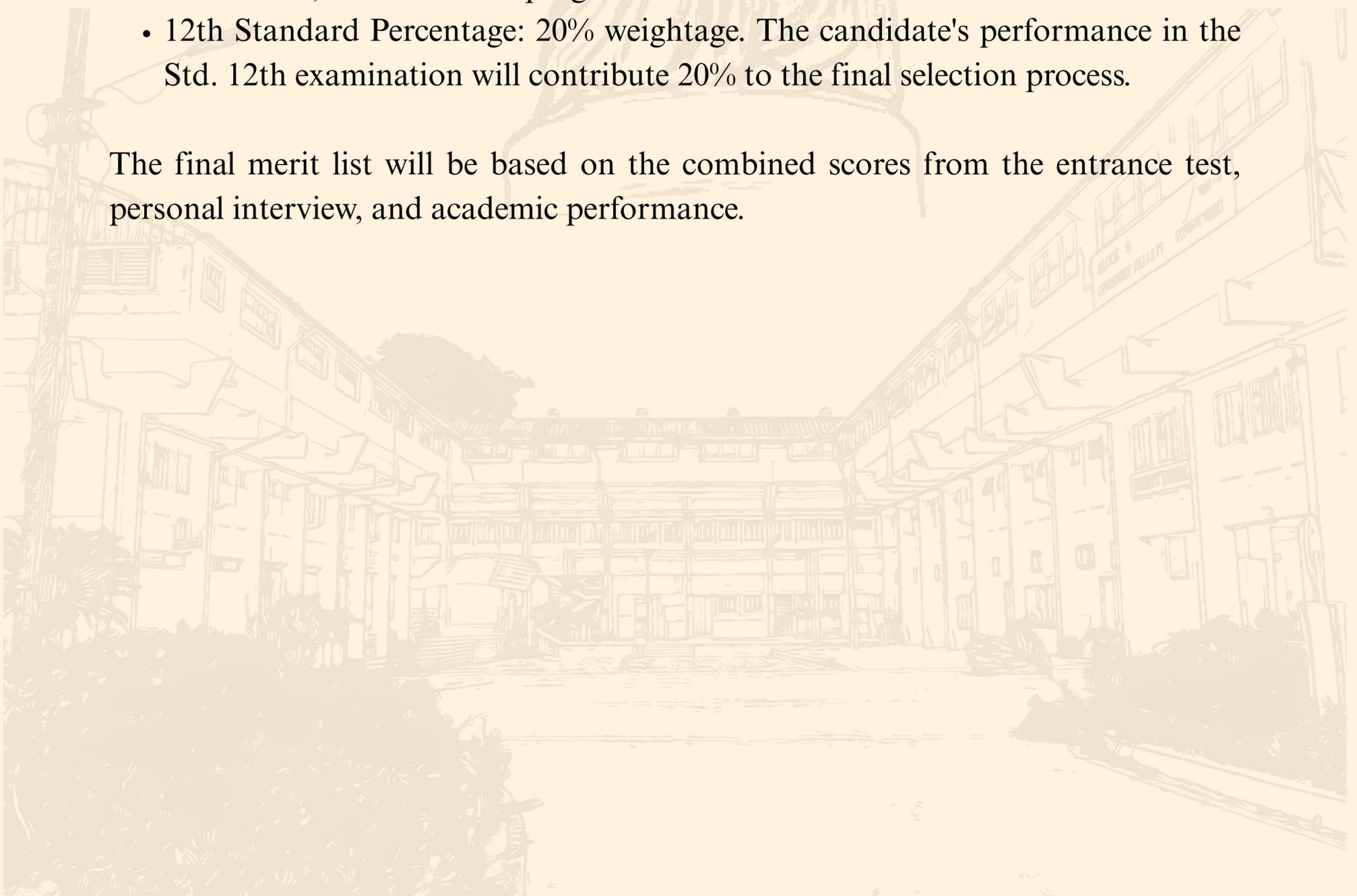
- The candidate must have passed Std. 12th or an equivalent examination from any recognized board, with any faculty.
- There are no specific stream requirements; candidates from all disciplines are welcome to apply.

## **Selection:**

The admission process for the BBA (T&T) programme is a merit-based selection process, which includes:

- **Xaviers Entrance Test (XET):** 50% weightage. The entrance test evaluates candidates on a variety of subjects, including general knowledge, business acumen, quantitative aptitude, and logical reasoning.
- **Personal Interview:** 30% weightage. Shortlisted candidates from the entrance test will be invited for a personal interview to assess communication skills, motivation, and fit for the programme.
- **12th Standard Percentage:** 20% weightage. The candidate's performance in the Std. 12th examination will contribute 20% to the final selection process.

The final merit list will be based on the combined scores from the entrance test, personal interview, and academic performance.



## Programme Structure as per NEP

Semester	Paper Code	Paper Title	Credits
I	MNT-100	Fundamentals of Tourism	4
	MNT-101	Principles and Practice of Management	4
	MNT-102	Hospitality Management	4
	ENG -151	Communicative English : Spoken & Written	2
	ENG-152	Digital Content Creation in	2
	MNT 121	Cultural Heritage of Goa	2
	VAC 103	Sustainable Development and Ecology	2
	POR 151	Conversational Portuguese	2
II	MNT 103	Economics of Tourism	4
	MNT 104	Marketing for Hospitality and Tourism	4
	MNT 105	Human Resource Management	4
	MNT 122	Emotional Intelligence	2
	ENG 251	Functional English I:Communicative English 1.1	2
	MNT 141	Etiquettes and Corporate Grooming	2P
	VAC 104	Constitutional Values and Obligation	2
III	MNT 200	Tourism Products of India	4
	MNT 201	Sustainable Tourism	4
	MNT 202	Business Research Methods	4
	MNT 221	Fundamentals of Accounting	2
	MNT-241	Soft Skills and Personality Development	1T + 3P
	VAC 110	Awareness of Cyber Crimes & security	2

IV	MNT-203	Travel Agency and Tour Operations	2
	MNT 204	Entrepreneurship in Tourism	4
	MNT 205	Strategic Management	4
	MNT 206	Organizational Behavior	4
	MNT-242	Digital Marketing for Tourism	2P
	MNT 243	Tour Guiding	2P
V	MGT-300	Event Management	4
	MGT-301	Sustainable Tourism	4
	MGT-302	Destination Management	4
	MGT-303	Airline Management	2
	MGT-321	Internship-2	4
	MGT-361	Internship-3	2
VI	MGT-304	Tourism Planning and Policies	4
	MGT-305	International Tourism Management	4
	MGT-306	Global Distribution System	4
	MGT-307	Project	4
	MGT-322	Internship	4

## DEPARTMENT OF COMPUTER APPLICATIONS (BCA)

### Eligibility for admission to the BCA programme:

(i) the Higher Secondary School Certificate (Std. XII) examination conducted by the Goa Board of Secondary and Higher Secondary Education in any stream, including the vocational stream in the subjects notified by the University from time to time

OR

(ii) the Std XII or similar examination of another body equivalent to Goa Board of Secondary and Higher Secondary Education, Goa and recognised as such by Goa University.

(iii) A candidate not covered under any of the above categories but desirous of seeking admission to the said course may apply to the College. However, the Registrar along with the Dean of the Faculty and the Chairperson of the Board of Studies shall decide the eligibility.

(iv) A candidate migrating from another recognized University and desirous of direct admission to Semester-II may be considered for admission provided he/she has cleared/ passed Semester-I examination of that University with those subjects, under CBCS, for which admission is sought.

### Selection:

A candidate shall be selected based on a selection test as prescribed by Goa University from time to time. The selection test shall test the general aptitude, logical reasoning and analytical abilities and basic arithmetical skills of the candidate

## Duration Of The Programme And Semesters

Duration of the Programme shall be of three academic years which is divided into Six semesters with two semesters per academic year.

SEMESTER	COURSE CODE	SUBJECT NAME	CREDITS
	CSA -100	Problem Solving and Programming	3T +1P
	MAT - 112	Elementary Statistics	4T
	MC	To be chosen from subjects offered from Self finance streams	3T
I	CSA- 142	Python Programming	2T+1P
	VAC 1	Environmental Studies	2T
	VAC 2	Constitutional Values and Obligations	2T
	ENG 151	Communicative English : Spoken and Written	2T
	MAT 100	Foundational Mathematics	3T+1P
	CSA 111	Computer System Fundamentals	4T
	MC	To be chosen from subjects offered by self Financed Streams	3T
II	VAC 1	Life Skills	2T
	VAC 2	E Waste	2T
	ENG - 152	Digital Content Creation in English	2T
	SEC	2D Animation	2T+1P

	<b>CSA- 200</b>	<b>Data Structures</b>	<b>3T+1P</b>
	<b>CSA - 201</b>	<b>Database Management Systems</b>	<b>3T+1P</b>
	<b>CSA -211</b>	<b>Reasoning Technoques</b>	<b>3T +1 TUT</b>
<b>III</b>	<b>MC</b>	<b>To be Chosen from subject offered from self financed Streams</b>	<b>3T</b>
	<b>CSA - 241</b>	<b>Multimedia Applications</b>	<b>2T+1P</b>
	<b>AEC</b>	<b>Hindi / Konkani / Marathi</b>	<b>2T</b>
	<b>CSA -202</b>	<b>Web App Development</b>	<b>3P+1T</b>
	<b>CSA-203</b>	<b>Agile Methodologies</b>	<b>3T+1P</b>
	<b>CSA -204</b>	<b>Object Oriented Concepts</b>	<b>3T+1P</b>
<b>IV</b>	<b>CSA -205</b>	<b>Web Technology</b>	<b>2T</b>
	<b>CSA - 221</b>	<b>Digital Marketing Fundamentals</b>	<b>3T+1P</b>
	<b>AEC</b>	<b>Hindi / Konkani / Marathi</b>	<b>2T</b>
	<b>CSA-300</b>	<b>UI UX Design</b>	<b>3T+1P</b>
	<b>CSA-301</b>	<b>Full Stack Development</b>	<b>3P+1T</b>
	<b>CSA- 302</b>	<b>Cloud Computing</b>	<b>3T+1P</b>
<b>V</b>	<b>CSA 303</b>	<b>Internet Technologies</b>	<b>2T</b>
	<b>CSA - 321</b>	<b>Internship (VET)</b>	<b>4</b>

	<b>CSA 304</b>	<b>Cyber Security</b>	<b>3T+1P</b>
	<b>CSA - 305</b>	<b>Mobile App Development</b>	<b>3P+1T</b>
	<b>CSA - 306</b>	<b>Machine Learning</b>	<b>3T+1P</b>
<b>VI</b>	<b>CSA - 307</b>	<b>Project</b>	<b>4</b>
	<b>CSA - 322</b>	<b>Social Media Marketing &amp; Analytics</b>	<b>3T+1P</b>
	<b>Or CSA -323</b>	<b>Or E - Commerce Applications</b>	<b>3T+1P</b>
	<b>Or CSA - 324</b>	<b>Or Modern Frameworks</b>	<b>3T+1P</b>
	<b>CSA - 400</b>	<b>Statistical Tools</b>	<b>3T+1P</b>
	<b>CSA -401</b>	<b>DevOps</b>	<b>3P+1T</b>
	<b>CSA - 402</b>	<b>Software Design Patterns</b>	<b>3T+1P</b>



# DEPARTMENT OF MASS COMMUNICATION & JOURNALISM

## BA in Mass Communication and Journalism

### Eligibility for admission to the programme:

- The candidate must have passed Std. 12th or an equivalent examination from any recognized board, with any faculty.
- There are no specific stream requirements; candidates from all disciplines are welcome to apply.

### Selection:

The admission process for the programme is a merit-based selection process, which includes:

- Personal Interview (50%) weightage . The candidates will have a brief interview to assess areas of creative thinking, general knowledge and media interests.
- Standard XII Percentage : The candidate's performance in the Standard XII examination will contribute 50% to the final selection process.
- The final merit list will be based on the combined scores from the personal interview and academic performance.

### Programme Structure as per NEP

Semester I			
Course Type	Course Code	Course Title	Credits
Major	MCJ 100	Introduction to Communication Principles	4
Minor	MES 111	Introduction to Visual Communication	4
MC	MCJ 131	Media & Society	3
AEC	ENG 151	Communicative English: Spoke and Written	2
SEC (Select anyone)	MCJ 141	Performing Arts & Communication	3 (1T 2P)
	MCJ 142	Basics of Photography	
	JOR-141	Multimedia & Desktop Publishing	
VAC	VAC 100	Environmental Studies I	2
	VAC 104	Constitutional Values and Obligations	

Semester II			
Course Type	Course Code	Course Title	Credits
Major	JOR 100	Introduction to News Media	4
Minor	ADP 111	Introduction to Advertising & Marketing Communication	4
MC	MCJ 132	Introduction to Films	3
AEC	ENG 152	English: Digital Content Creation in English	2
SEC (Select Anyone)	MCJ 143	Introduction to Design	3 (1T 2P)
	MCJ 144	Social Media Skills	
	JOR 142	Mobile Journalism	
VAC	VAC 111	E Waste Management	2
	VAC 116	Life Skills	
Exit course	MCJ 161	Media writing	4

Semester III			
Course Type	Course Code	Course Title	Credits
Major	MCJ 200	Scripting for media	4
	MCJ 201	Media and information literacy	4
Minor (VET) (Select anyone)	MCJ 211	Advertising Management	4
	MCJ 212	Reporting & Editing	
MC	MCJ 231	Introduction to Electronic Media	3
MIL (Select anyone)	HIN 251	Hindi: Sampreshan Kaushal	2
	KON 251	Konkani: Communicative Skills	
	MAR 251	Marathi: Personality Development	
SEC (Select Anyone)	MCJ 241	Audio Production	3 (1T 2P)
	MCJ 242	Introduction to Events	

Semester IV			
Course Type	Course Code	Course Title	Credit
Major	MCJ 202	Introduction to Audio visual media	4
	MCJ 203	Introduction to copy writing	4
	MCJ 204	Film Appreciation	4
Major <i>(Select any one)</i>	MCJ 205	Advanced Photography	2 <i>Practical only</i>
	MCJ206	Vlogging & Blogging	
Minor (VET) <i>(Select any one)</i>	MCJ 221	Advanced Graphic Designing (2T + 2P)	4
	MCJ 222	Travel & Lifestyle Communication (3T + 1P)	
	MCJ 261	Political writing	4
Semester V			
Course Type	Course Code	Course Title	Credit
Major	MCJ 300	History of Media (I)	4
	MCJ 301	Media & Cultural Studies	4
	MCJ 302	Media Research	4
Major <i>(Select any one)</i>	MCJ 303	Video Editing	2
	MCJ 304	Ad Filmmaking Campaign Strategies	
Minor (VET) <i>(Select any one)</i>	MCJ 321	Digital Video Production	4
	MCJ 322	Visual Design	
	MCJ 261	Internship	2
Semester VI			
Course Type	Course Code	Course Title	Credit
Major	MCJ 305	History of Media (II)	4
	MCJ 306	Media Laws (I)	4
	MCJ 307	Corporate. Communication	4
	MCJ 308	Project – (Documentary   Short Film  News Magazine)	4
Minor (VET) <i>(Select any one)</i>	MCJ 323	Advance Digital Marketing	4
	MCJ 324	Radio & Podcast	

# DEPARTMENT OF BIOTECHNOLOGY

## Eligibility for admission to the programme:

The candidate must have passed Std. 12th Science or an equivalent examination from any recognized board.

## Selection:

The admission process for the programme is a merit-based selection process.

## Programme Structure as per NEP

Semester	Category	Course Code	Course Title	Credits
I	Major	GBT-100	Biotechnology in Everyday Life	3T+1P
	Minor	CHC-111	Basic Concepts in Chemistry	4T
	MC	GBT-131	Nutrition and Dietetics	3T
	SEC	GBT-141	Laboratory Essentials	1T+2P
II	Major	MIC-100	Basics of Microbiology	3T+1P
	Minor	BOT-111	Plants in Everyday Life	4T
	MC	GBT-132	Lifestyle Diseases and Management	3T
	SEC	GBT-142	Bakery and Fermented Beverage	1T+2P
Major	GBT-200	Cell Biology	3T+1P	III
Major	GBT-201	Elementary Microbiology	3T+1P	
Minor	CHC-211	Basic Industrial Chemistry	3T + 1P	
MC	GBT-231	Emergency Response and First Aid	3T	
SEC	GBT-241	Modern Agricultural Practises and Home Gardening	1T+2P	

IV	Major	GBT-202	Biochemical Processes and	3T+1P
	Major	GBT-203	Principles of Ecology and Evolution	4T
	Major	GBT-204	Mammalian Physiology	3T+1P
	Major	GBT-205	Bio-entrepreneurship	2T
	Minor (VET)	GBT-221	Plant Physiology	3T+1P
V	Major	GBT-300	Genetics	3T+1P
	Major	GBT-301	Bioanalytical Tools	3T+1P
	Major	GBT-302	Immunology	3T+1P
	Major	GBT-303	Research Methodology	2T
	Minor	GBT-321	Biostatistics and Bioinformatics	3T+1P
			Internship	2
VI	Major	GBT-304	Plant Tissue Culture	3T+1P
	Major	GBT-305	Animal Tissue Culture	4T
	Major	GBT-306	Molecular Biology and Genetic Engineering	3T+1P
	Major	GBT-307	Minor Project	4
	Minor	GBT- 322	Food Biotechnology	3T+1P

