# ST. XAVIER'S COLLEGE (AUTONOMOUS), KOLKATA

## ADMISSION SESSION 2024-2025

### 4-YEAR CURRICULUM FOR ARTS AND SCIENCE DEPARTMENTS

St. Xavier's offers a 4-year (8 semesters) UG degree (Honours/ Honours with Research) program.

Duration of Registration for a UG degree is 7 years.

There are 7 types of courses in the NEP curriculum:

**Major**

The Major Course is the subject in which the degree will be awarded {e.g., B.Sc. (Honours/ Honours with Research) in Physics}. The Major provides the student an in-depth study and training in a particular subject. The academic level develops progressively till it reaches advanced levels in the later semesters.

**Minor**

The Minor subjects are generally complementary to the Major subject and are designed to help the student obtain a broader understanding of subjects connected to or beyond the Major course {e.g., B.Sc. (Honours) in Economics with Maths and Stats}

The second minor will be chosen by the student at the end of the second semester.

*Refer to Section 3 below for details.*

**Multi-Disciplinary (MDS)**

Multi-Disciplinary courses are courses from other disciplines. All students are required to take 3 introductory-level courses, 1 in Semester 1, and 2 in Semester 2. These courses are intended to broaden the student's intellectual experience and they form part of a liberal arts and science education.

*Refer to Section 4 below for details.*

**Ability Enhancement Courses (AEC)**

The AEC includes courses in

a) Modern Indian Language (Hindi/ Bengali/ Alternative English)- Semester 1
b) Compulsory English – Semester 3

The emphasis in these courses is on language, communication skills, critical reading, and academic writing skills to enable students to express their ideas and arguments coherently in written form and in discussion and debate.

**Skill Enhancement Courses (SEC)**

Skill Enhancement courses are designed to impart practical skills, hands-on training, soft-skills, etc.

**Value-Added Courses (VAC)**

Value-Added courses include courses in Environmental Science, Inter-religious studies, personality development. Other courses are on the future design anvil.

**Internship**

Internship is a novel aspect of the UG program to allow students to obtain experience in industry, research labs, business, community service, learning projects. Internship is a 2-credit course and will have to be completed by Semester 4. Details and modalities will be provided once you have joined the program.

In each semester you will study a combination of the above-mentioned courses with each course assigned a specific number of papers, credits. See the table below:

1. **SEMESTER-WISE COURSE BREAK-UP OF THE HONOURS PROGRAM**
   **TABLE 1:**

| **Semester** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **Total Papers** |
|---|---|---|---|---|---|---|---|---|---|
| Major | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 3* | 23 |
| Minor | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | 8 |
| Multi-Disciplinary | 1 | 2 | | | | | | | 3 |
| Ability Enhancement | 1 | | 1 | | | | | | 2 |
| Skill Enhancement | | | 1 | 2 | | | | | 3 |
| Value-Added | 1 | 1 | 1 | 1 | | | | | 4 |
| Internship | | | | ** | | | | | |
| **Total Credits (per semester)** | 21 | 20 | 21 | 22 | 20 | 20 | 32 | 18 | |
| * In Semester 8, students not undertaking research will study 3 papers for 18 credits in lieu of a research project/ dissertation for 18 credits. (*Refer to Section 5 below for eligibility for research project/ dissertation.)*<br>**Internship of 2 credits to be completed by Semester 4 | | | | | | | | | |

2. **CREDIT STRUCTURE**
   **TABLE 2:**

| **COURSE** | **CREDIT PER PAPER** | **TOTAL NO. OF PAPERS (ALL SEMESTERS)** | **TOTAL CREDITS** |
|---|---|---|---|
| **Major** Semesters 1-6 | 4 | 16 | 64 |
| **Major** Semesters 7-8 | 6 | 7 | 42 |
| **Minor** | 4 | 8 | 32 |
| **Multi- Disciplinary** | 3 | 3 | 9 |
| **Ability Enhancement** | 4 | 2 | 8 |
| **Skill Enhancement** | 3 | 3 | 9 |
| **Value-Added** | 2 | 4 | 8 |
| **Internship** | | | 2* |
| | | | 174 |
| *Internship of 2 credits to be completed by Semester 4 | | | |

**3. Minor Courses and Choices**

In the Table given below, subjects in **BOLD** indicate the honours department. Choice of Minor is listed column-wise for each Honours department.

Choice of Minor courses will be recorded at the time of enrolment.

**MINOR COMBINATIONS: FOR SCIENCE DEPARTMENTS (AND BIOTECHNOLOGY)**

| | **MATHS** | **PHYSICS** | **ECO** | **CHEM** | **STATS** | **COMP SC** | **MICROBIO** | **BIOTECH** |
|---|---|---|---|---|---|---|---|---|
| POOL 1 FOR MINOR 1 SEM 1-4 | | | MATH | MATHS | | MATHS | MATHS | MATHS |
| | CHEM | CHEM | | | CHEM | CHEM | CHEM | CHEM |
| | COM SC | COM SC | COM SC | | COM SC | | | |
| | ECO | ECO | | | ECO | ECO | | |
| | | | SOCIO | | | | | |

| | **MATHS** | **PHYSICS** | **ECO** | **CHEM** | **STATS** | **COMP SC** | **MICROBIO** | **BIOTECH** |
|---|---|---|---|---|---|---|---|---|
| POOL 2 FOR MINOR 2 SEM 5 - 8 | PHYSICS | | | PHYSICS | PHYSICS | PHYSICS | PHYSICS | PHYSICS |
| | | MATHS | | | MATHS | | | |
| | STATS | STATS | STATS | | | STATS | | |
| | | COM SC | | COM SC | | | COM SC | COM SC |
| | MICROBIO | | | | MICROBIO | | | MICROBIO |
| | | | POL SC | BIOTECH | BIOTECH | BIOTECH | BIOTECH | |

**MINOR COMBINATIONS: FOR ARTS (AND MASS COMMUNICATION)**

| | **ENGLISH** | **POL SCIENCE** | **SOCIOLOGY** | **BENGALI** | **MASS COM** |
|---|---|---|---|---|---|
| POOL 1 FOR MINOR 1 SEM 1-4 | JOURNALISM | JOURNALISM | JOURNALISM | JOURNALISM | JOURNALISM |
| | SOCIOLOGY | SOCIOLOGY | | SOCIOLOGY | SOCIOLOGY |
| | COMPARATIVE BENGALI | COMPARATIVE BENGALI | COMPARATIVE BENGALI | COMPARATIVE BENGALI | COMPARATIVE BENGALI |
| | HISTORY | HISTORY | HISTORY | HISTORY | HISTORY |
| | ECONOMICS | ECONOMICS | ECONOMICS | ECONOMICS | ECONOMICS |

| | **ENGLISH** | **POL SCIENCE** | **SOCIOLOGY** | **BENGALI** | **MASS COM** |
|---|---|---|---|---|---|
| POOL 2 FOR MINOR 2 SEM 5-7 | FILM STUDIES | FILM STUDIES | FILM STUDIES | FILM STUDIES | FILM STUDIES |
| | | ENGLISH | ENGLISH | | ENGLISH |
| | POLITICAL SCIENCE | | POLITICAL SCIENCE | POLITICAL SCIENCE | POLITICAL SCIENCE |
| | MASS COM | MASS COM | MASS COM | MASS COM | |

**4. MULTI-DISCIPLINARY COURSES:**

Details of the Multi-Disciplinary courses will be provided at the time of admission.

**5. 4-YEAR UG DEGREE (HONOURS WITH RESEARCH/ HONOURS)**

a) Students who secure 75% marks and above in the first 6 semesters will be eligible to undertake research in the 4th year. The research project/ dissertation will be under the guidance of a department faculty member.

The research project/ dissertation is for 18 credits. These students will be awarded an Honours with Research degree.

b) In Semester 8, students not undertaking research will complete three papers for 18 credits in lieu of the research project/ dissertation. These students will be awarded an Honours degree.

**6. 3-YEAR UG DEGREE (Exit option)**

A student who chooses the exit option after completion of the third year will be awarded a Bachelor's degree so long as the required minimum credits are obtained.

Principal