



TRUTH

CHARITY

STELLA MARIS COLLEGE  
(AUTONOMOUS), CHENNAI, INDIA

  
*single sunbeam*  
IS ENOUGH  
TO DRIVE AWAY  
ANY SHADOW

ST. FRANCIS OF ASSISI  
PATRON, FRANCISCAN MISSIONARIES OF MARY

PROSPECTUS  
2018 - 2019



- Founded on August 15, 1947
- An aided Catholic minority institution affiliated to the University of Madras
- Autonomous since 1987
- Choice Based Credit System introduced in 1997
- Awarded Five Star Status by NAAC in 2000
- Star Department Status accorded in October 2013, to the undergraduate Science Departments of Botany, Zoology, Chemistry and Physics, under the Star College Scheme of the Department of Biotechnology, Ministry of Science and Technology, Government of India, for strengthening the basic sciences and biotechnology education and training
- Re-accredited by NAAC in 2008 with a CGPA of 3.57 on a 4 point scale and in 2014 with a CGPA of 3.68 on a 4 point scale
- Science Departments selected for support under DST-FIST Programme -2015
- Accorded status of College with Potential for Excellence in April 2016
- Conferred the title The Pride of the Catholic Church by the Catholic Bishops Conference of India Office for Education and Culture, New Delhi, in October 2016



## STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI, INDIA

(Re-accredited by NAAC with an 'A' Grade and a CGPA of 3.68 on a 4 point scale)

### ABOUT THE COLLEGE

Stella Maris College, a Catholic minority institution of higher education for women, was founded in 1947. Beginning in a small one-storey building on August 15<sup>th</sup> of that year with 32 students in Santhome, Mylapore, the College was relocated in 1960 to its present campus “The Cloisters” on Cathedral Road in the heart of the city of Chennai. Today, the College has an enrollment of more than 4,500 students from diverse backgrounds, communities and nations.

The College is an autonomous institution affiliated to the University of Madras and is partly residential. It is under the management of the Society of the Franciscan Missionaries of Mary, a Catholic religious congregation founded by Blessed Mary of the Passion (Hélène de Chappotin) in Ootacamund, Tamil Nadu in 1877. Guided by her charism, the initiatives of the College arise from a sound philosophy of life based on faith in God and the contemporary reality of a pluralistic Indian society which is challenged by global ideologies and cultures. The College is committed to serving the economically and socially marginalised sections of society. It provides university education in a Christian atmosphere for deserving students, especially those belonging to the Catholic community. Admission is open to all irrespective of caste and creed and their rights of conscience are respected.

Truth and Charity is the motto of the College. To seek knowledge is to pursue truth. The College strives to encourage young women to continually search for Truth, and grow into mature and responsible women, ready to face the challenges of life at home and in society. The quest for truth and the untiring spirit of selfless service is the hallmark of a true Stella Marian.

The College emblem represents a ship sailing on stormy waters led by a star. This symbolises the student's life, guided amidst tempests by the light of the Star of the Sea, Stella Maris.

Blue and Gold are the colours of the Stella Maris standard. Blue symbolises truth, loyalty and fidelity and Gold symbolises love, zeal and charity.

### Vision Statement

*The vision of the College is to build a vibrant and inclusive learning community in a culture of excellence sustained by a sound value system that promotes responsible citizenship and effects social change.*

## **Mission Statement**

*The mission of the College is to empower young women to face the challenges of life with courage and commitment, to be builders of a humane and just society, and to promote a learning community in which all, especially those from less privileged backgrounds, feel part of the collaborative high quality educational process which is value based and leads to holistic growth.*

To realise this vision and accomplish its mission, the College has set the following objectives:

- to develop in the College, a community of individuals endowed with intellectual curiosity, and an eagerness for lifetime learning, who will use knowledge creatively for social transformation
- to form women of character, with sound moral principles and integrated personalities
- to instill in the students a sense of national pride and appreciation of Indian traditions and cultures
- to create awareness among students about current socio-economic, political and cultural issues and to denounce all forms of oppression relating to class, caste and gender
- to sensitise students to environmental issues, thus motivating them to promote ecological justice and sustainable development
- to establish a link between the institution and policy makers through collaborative research leading to social development

The College became autonomous in 1987 and has 19 undergraduate and 12 postgraduate programmes with 6 departments offering research programmes leading to M.Phil. and/or Ph.D. degrees. Postgraduate diploma and certificate courses are also part of the curriculum.

With the introduction of the Choice Based Credit System (CBCS) in 1997, the College began offering new academic programmes, including interdisciplinary courses. The goals of the CBCS are as follows:

- To provide a broad-based, liberal education for all students
- To provide them with greater flexibility in the choice of courses
- To enable them to choose courses at basic/advanced levels
- To enable them to progress at their own pace
- To enable highly motivated students to go beyond minimum requirements and earn extra credits.

## UNDERGRADUATE PROGRAMMES

<b>A) OFFERED UNDER THE AIDED SECTION – Shift I</b>			
Timing: 7:50 a.m.-12:50 p.m.			
Degree	Programme	Duration	Subjects taken in Higher Secondary
B. A	History and Tourism	3 years/ 6 semesters	Any group in Higher Secondary
B. A.	Sociology		
B. A.	Economics		
B. A.	English		
B. V. A.	Visual Arts (Specialisation in Art or Design)	4 years/ 8 semesters	
B. Sc.	Mathematics	3 years/ 6 semesters	Mathematics and Physics
B. Sc.	Physics		Physics, Mathematics and Chemistry
B. Sc.	Chemistry		Chemistry, Physics and Mathematics
B. Sc.	Plant Biology and Plant Biotechnology		Biology, Chemistry and Microbiology/ Botany, Zoology/Biotechnology
B. Sc.	Advanced Zoology and Biotechnology		Biology, Chemistry and Microbiology/ Zoology, Botany/Biotechnology
B. Com.	Commerce		Commerce, Accountancy and Mathematics/ Business Mathematics, Accountancy and Commerce
<b>B) OFFERED UNDER THE SELF-FINANCING SECTION – Shift II</b>			
Timing: 1:00 p.m.-6:00 p.m.			
B. A.	English and Communication Skills (subject to approval by the University of Madras)	3 years/ 6 semesters	Any group in Higher Secondary
B. Sc.	Mathematics		Mathematics and Physics
B. Sc.	Psychology		Any group in Higher Secondary/ equivalent Boards
B. Com.	Commerce		Commerce/Business Studies, Accountancy, Mathematics/ Business Mathematics, Accountancy and Commerce
B. Com.	Corporate Secretaryship		Commerce/Business Studies, Accountancy, Accountancy and Commerce
B. Com.	Accounting and Finance		Commerce, Accountancy, Mathematics/ Business Mathematics, Accountancy and Commerce
B. B. A.	Business Administration		Commerce/Business Studies, Accountancy, Accountancy and Commerce
B. C. A.	Computer Applications		Mathematics/Business Mathematics
B. S. W.	Social Work	Any group in Higher Secondary and ability to read and speak Tamil	
Certificate Course	English Language and Life Skills	1 year/ 2 semesters	A pass in Higher Secondary/Graduates whose medium of instruction was a language other than English
<b>C) OFFERED UNDER THE SELF-FINANCING SECTION – Shift II</b>			
Timing: 10:00 a.m.-4:00 p.m.			
B. Voc.	Sustainable Energy Management	3 years/ 6 semesters	Any group in Higher Secondary/ Vocational Stream
B. Voc.	Food Processing and Quality Control	6 semesters	Any group in Higher Secondary/ Vocational Stream

## POSTGRADUATE PROGRAMMES

<b>A) OFFERED UNDER THE AIDED SECTION – Shift I</b>			
Timing: 7:50 a.m.-12:50 p.m.			
Degree	Programme	Duration	Eligibility/Requirements
M. A.	Economics	2 years/ 4 semesters	B. A. Economics (or) equivalent as stipulated by the University of Madras
M. A.	English		B. A. English (or) B. A./B. Sc. with Part II English (Two Years)
M. A.	History of Fine Arts		Any undergraduate degree recognised by the University of Madras
M. S. W.	Social Work Area of Specialisation • Child Rights and Practice with Families • Social Work Practice in Health Settings • Development Issues and Social Work Practice		Any undergraduate degree recognised by the University of Madras and ability to read and speak Tamil
M. Sc.	Mathematics		B. Sc. Mathematics/Applied Science (or) equivalent accepted by the University of Madras
<b>B) OFFERED UNDER THE SELF-FINANCING SECTION – Shift II</b>			
Timing: 1:00 p.m.-6:00 p.m.			
M. A.	Public Relations	2 years/ 4 semesters	Any undergraduate degree recognised by the University of Madras
M. A.	International Studies		Any undergraduate degree recognised by the University of Madras
M. Com.	Commerce		B.Com. Degree
M. Sc.	Chemistry		B.Sc. Chemistry (or) any undergraduate Science Degree recognised by the University of Madras
M. Sc.	Biotechnology		An undergraduate degree recognised by the University of Madras in any one of the following disciplines: Biotechnology, Microbiology, Botany, Plant Biology and Plant Biotechnology, Zoology, Advanced Zoology and Biotechnology, Chemistry, Physics, Biochemistry, Agriculture, Biology
M. Sc.	Bioinformatics		An undergraduate degree recognised by the University of Madras in any one of the following disciplines: Mathematics, Physics, Chemistry, Botany, Zoology, Biochemistry, Biotechnology, Computer Science, Microbiology, Agriculture, Nutrition and Dietetics, Veterinary Science, Medicine and any Engineering discipline
M. Sc.	Information Technology		An undergraduate degree recognised by the University of Madras in any one of the following disciplines: Information Technology, Computer Science, Computer Application, Mathematics, Statistics, Business Mathematics, Business Statistics, Applied Science
PGDCS	Postgraduate Diploma in Computer Science		1 year/ 2 semesters

## STRUCTURE OF THE PROGRAMMES

The College follows the semester pattern requiring six semesters of study for a Bachelor's degree, eight semesters for B. V. A. and four semesters for a Master's degree. The duration of a semester is 90 working days.

In the CBCS, each course offered in a semester is assigned a certain number of credits, depending on the weekly quantum of work required of the student.

### UNDERGRADUATE PROGRAMMES

At the undergraduate level a student must necessarily complete a minimum of 149 credits for a Bachelor's degree in Arts/Sciences/Commerce and 174 credits for the Bachelor's Degree in Visual Arts.

The undergraduate programme has the following components:

- Part I** Foundation Course in Language  
Tamil/Hindi/Sanskrit/French
- For the Self-financing section:  
Tamil/Hindi/French
- Please check the College website for instructions on language selection criteria
- Part II** Foundation Course in English
- Part III**
- Major Core Courses
  - Allied Core Courses
  - Major Elective Courses
  - Allied Elective Courses
- Part IV**
- General Elective Courses (refer pg. 19)
  - Value Education (refer pg. 20)
  - Environmental Studies
  - Soft Skills
  - Value Added Courses (Optional)
- Part V**
- Student Training Programmes  
NSS/NCC /Games /Youth Red Cross
  - Social Awareness Programme/  
Service Learning (refer pg. 20)

Part I Language & Part II English are mandatory courses for all students.

Students who have not studied Tamil up to Standard X are required to take two courses in Basic Tamil of two credits each over two semesters.

Students who need training in English language skills are required to take two courses in Basic English of two credits each over two semesters.

### B. Voc. PROGRAMMES

Two B. Voc. Programmes in Sustainable Energy Management and Food Processing and Quality Control have been funded by UGC and are affiliated to the University of Madras. These programmes provide job-oriented skills with certification from the National Skill Development Corporation (NSDC).

A student must complete a minimum of 180 credits for a B. Voc. degree.

The B. Voc. programme has the following components:

- Part I** Foundation Course in Language  
Tamil/French
- Part II** Foundation Course in English
- Part III**
- Non Major Electives (General Electives)
  - Environmental Studies
  - Value Education
  - Extension Activity
  - Soft Skills
- Part IV** Skills Component
- Core Courses
  - Allied Core
  - Allied Elective
  - Project

### POSTGRADUATE PROGRAMMES

#### M. A./M. Sc./M. Com./M. S. W.

At the postgraduate level a student must necessarily complete a minimum of 91 credits for a Master's degree. The postgraduate programmes have the following components:

- Core Courses
- Elective Courses
- Value Education (refer pg.27)
- Soft Skills
- Social Awareness Programme (refer pg.27)
- Internship



## BACHELOR OF ARTS (B. A.)

### BRANCH I A – HISTORY AND TOURISM -Shift I

#### Major Core Courses

Ancient India up to 700 A.D.  
Introduction to Tourism  
Medieval India (712-1707) A. D.  
Business of Tourism  
India's Struggle for Independence  
Social and Cultural History of Chennai City  
Since 1639  
Contemporary India  
History of Europe (1789-1871)  
History of World Civilisations  
Tourism Marketing and Management  
International Relations Since 1945  
Indian Constitution  
History of Europe (1871-1945)

#### Major Elective Courses

Project  
Airport Customer Services  
Women's Studies  
Art and Architecture for Tourism

#### Allied Elective Courses

Social Entrepreneurship  
Appreciation of Indian Art  
Journalistic Writing  
Consumer Psychology

#### Independent Elective Courses

History of the USA  
China and Japan in the 20<sup>th</sup> Century

#### Allied Core Courses

History of Tamil Nadu up to 16<sup>th</sup> Century  
Pre-Colonial India up to 1858  
Hospitality Management and Catering  
Human Rights

## BACHELOR OF ARTS (B. A.)

### BRANCH III – SOCIOLOGY-Shift I

#### Major Core Courses

Principles of Sociology I & II  
Sociology of Indian Society  
Social Anthropology  
Development of Social Thought  
Fundamentals of Social Research and  
Statistics  
Sociological Theory  
Sociology of Media  
Crime and Victimology  
Sociology of Ethnic Relations  
Sociology of Religion  
Environmental Sociology  
Sociology of Globalisation

#### Major Elective Courses

Non-Governmental Organisations (Skill  
Development Course)  
Project  
Organisational Behaviour  
Logic and Scientific Methods

#### Allied Elective Courses

Indian Heritage and Tourism  
Appreciation of Indian Art  
Journalistic Writing  
Consumer Psychology  
Social Entrepreneurship

#### Independent Elective Courses

Corporate Social Responsibility  
Social Networking

#### Allied Core Courses

Social Psychology  
Tribal Development  
Women and Development  
Social Gerontology



**BACHELOR OF ARTS (B. A.)**

**BRANCH IV – ECONOMICS – Shift I**

**Major Core Courses**

Micro Economics I & II  
Indian Economic Development I & II  
Monetary Economics I & II  
Development Theory  
Macro Economics I & II  
Public Finance I & II  
Economic Thought  
International Economics

**Allied Core Courses**

Statistics for Economics  
Mathematical Methods for Economics  
Principles of Financial Management  
Introductory Econometrics

**Major Elective Courses**

Environmental Economics  
Research Methods and Economic Analysis  
Human Resource Development  
Project

**Allied Elective Courses**

Social Entrepreneurship  
Operations Research  
Accounting Practices  
Journalistic Writing  
Consumer Psychology  
Economics of Budget

**Independent Elective Courses**

Managerial Economics  
Nobel Laureates in Economics

**BACHELOR OF ARTS (B. A.)**

**BRANCH XII – ENGLISH – Shift I**

**Major Core Courses**

Prose  
Poetry  
Drama  
Literary Criticism I & II  
Fiction  
Indian Literature in Translation  
Indian Literature in English  
East and South Asian Literatures  
British Literature – Sixteenth Century to the  
Twenty-first Century  
American Literature  
West Asian Literatures  
African and Caribbean Literatures

**Allied Core Courses**

Introduction to Linguistics  
Subaltern Writing  
Literature and Ideas  
Literature and Gender

**Major Elective Courses**

English Language Teaching  
Introduction to Children's Literature  
Literatures of Australia, Canada and New  
Zealand

**Allied Elective Courses**

Social Entrepreneurship  
Indian Heritage and Tourism  
Appreciation of Indian Art  
Consumer Psychology

**Independent Elective Courses**

The Novel of Courtship and Marriage  
Poetry of the Romantic Age

## BACHELOR OF VISUAL ARTS (B. V. A.)

### BRANCH X – VISUAL ARTS (FOUR YEAR PROGRAMME) – Shift I

#### Major Core Courses

Buddhist Art in India  
Drawing – Practical  
Hindu and Jaina Art  
Art from Prehistory to Medieval Europe  
Indo-Islamic Art and Rajput Miniatures  
Basic Painting – Practical  
Art in Europe (1280-1790)  
Art in Europe (1780-1910)  
Indian Craft and Folk Art Traditions  
Digital Photography – Practical  
Modernism and Postmodernism in the West  
Paper Art – Practical  
Modern Art in India  
Modern Architecture  
Art of Indigenous Cultures

#### Allied Core Courses

Fundamentals of Art History  
Drawing and Rendering – Practical  
Design Fundamentals – Practical  
Figure Drawing – Practical

#### Major Elective Courses

Colour – Practical  
Still Life Painting – Practical  
Illustration- Practical  
Figure Painting – Practical  
Textile Surface Patterning – Practical  
Landscape Painting – Practical  
Typography and Design – Practical  
Figure Illustration – Practical  
Visual Merchandising – Practical  
Creative Expressions – Practical  
Project – Design, Process and Development  
Project – Art, Process and Development  
Project – Design  
Project – Art

#### Allied Elective Courses

Social Entrepreneurship  
Indian Heritage and Tourism  
Journalistic Writing  
Consumer Psychology

#### Independent Elective Courses

Fashion Concepts, Manufacture and Retail  
History of Graphic Design

## BACHELOR OF SCIENCE (B. Sc.)

### BRANCH I – MATHEMATICS – Shift I

#### Major Core Courses

Differential Calculus  
Algebra and Trigonometry  
Multiple Integral and Laplace Transforms  
Analytical Geometry  
Vector Analysis and Applications  
Introduction to Graph Theory  
Sequences, Series and Fourier Series  
Algebraic Structures  
Principles of Real Analysis  
Elements of Differential Equations  
Vector Spaces and Linear Transformations  
Principles of Complex Analysis  
Principles of Mechanics

#### Allied Core Courses

Physics I & II  
Physics I & II Practical  
Mathematical Statistics I & II

#### Major Elective Courses

Optimisation Techniques  
Project  
Elements of Space Science  
Numerical Analysis  
Numerical Methods with Program in C

#### Allied Elective Courses

The Economic Budget  
Accounting Practices

#### Independent Elective Course

Formal Languages and Automata Theory

**BACHELOR OF SCIENCE (B. Sc.)**

**BRANCH III – PHYSICS – Shift I**

**Major Core Courses**

Electronics I & II  
Properties of Matter and Atomic Physics  
Experimental Physics I, II, III, IV, V & VI  
Thermal Physics and Statistical Mechanics  
Mechanics  
Optics and Spectroscopy  
Mathematical Physics  
Electromagnetism  
Microprocessors and Microcontrollers  
Solid State Physics  
Quantum Mechanics and Relativity  
Nuclear and Particle Physics

**Allied Core Courses**

Mathematics for Physics I & II  
Fundamentals of Chemistry I & II  
Organic Analysis – Practical  
General Chemistry – Practical

**Major Elective Courses**

Communication Systems  
Essentials of Nano Science  
Laser Physics  
Project

**Allied Elective Courses**

Applied Chemistry  
Bioinstrumentation  
Introduction to Human Physiology and  
Immunology

**Independent Elective Courses**

Astrophysics  
Geophysics

**BACHELOR OF SCIENCE (B. Sc.)**

**BRANCH IV – CHEMISTRY – Shift I**

**Major Core Courses**

General Chemistry  
Analytical Chemistry  
Volumetric Analysis - Practical  
Organic Chemistry I, II & III  
Semi Micro Qualitative Analysis I & II  
Practical  
Inorganic Chemistry I & II  
Physical Chemistry I, II & III  
Organic Chemistry I & II Practical  
Biochemistry  
Physical Chemistry I & II Practical  
Spectroscopy

**Allied Core Courses**

Physics I & II  
Physics I & II Practical  
Mathematics for Chemistry I & II

**Major Elective Courses**

Computers in Chemistry (Skill  
Development Course)  
Project  
Pharmaceutical Chemistry  
Polymer Chemistry

**Allied Elective Courses**

Bioinstrumentation  
Fundamentals of Nanoscience  
Introduction to Human Physiology and  
Immunology

**Independent Elective Courses**

Industrial Chemistry  
Drugs and Diseases

## BACHELOR OF SCIENCE (B. Sc.)

### BRANCH V (A) – PLANT BIOLOGY AND PLANT BIOTECHNOLOGY – Shift I

#### Major Core Courses

Algae, Fungi and Lichens  
Principles of Applied Biotechnology  
Algae, Fungi and Lichens - Practical  
Bryophytes, Pteridophytes and Gymnosperms  
Bryophytes, Pteridophytes and Gymnosperms  
– Practical  
Taxonomy of Angiosperms and Economic  
Botany  
Phytotherapy and Ethnobotany  
Taxonomy of Angiosperms and Economic  
Botany – Practical  
Anatomy and Embryology of Angiosperms  
Anatomy and Embryology of Angiosperms –  
Practical  
Cell and Molecular Biology  
Microbiology  
Ecology and Environmental Biotechnology  
Cell and Molecular Biology, Microbiology,  
Ecology and Environmental Biotechnology  
– Practical  
Plant Physiology  
Plant Biotechnology & Genetic Engineering  
Genetics, Plant Breeding & Evolution  
Plant Physiology, Plant Biotechnology &  
Genetic Engineering, Genetics, Plant  
Breeding & Evolution – Practical

#### Allied Core Courses

General Zoology I & II  
General Zoology I & II Practical  
Fundamentals of Biochemistry I & II  
Biochemistry I & II Practical

#### Major Elective Courses

Fruit Preservation and Nutrition (Skill  
Development Course)  
Project  
Horticulture (Skill Development Course)  
Analytical Techniques in Plant Sciences

#### Allied Elective Courses

Applied Chemistry  
Fundamentals of Nanoscience  
Introduction to Human Physiology and  
Immunology

#### Independent Elective Courses

Agriculture  
Forestry

## BACHELOR OF SCIENCE (B. Sc.)

### BRANCH VI (A) – ADVANCED ZOOLOGY AND BIOTECHNOLOGY – Shift I

#### Major Core Courses

Invertebrata  
Economic Zoology  
Invertebrata and Economic Zoology –  
Practical  
Chordata  
Chordata – Practical  
Vertebrate Physiology  
Developmental Biology  
Physiology and Developmental Biology –  
Practical  
Microbiology  
Microbiology – Practical  
Cell and Molecular Biology  
Genetics  
Fundamentals of Biotechnology  
Genetics, Cell and Molecular Biology and  
Biotechnology – Practical  
Animal Behaviour  
Ecology and Evolution  
Immunology  
Animal Behaviour, Ecology and Immunology  
– Practical

#### Allied Core Courses

General Botany I & II  
General Botany I & II Practical  
Fundamentals of Biochemistry I & II  
Biochemistry I & II Practical

#### Major Elective Courses

Conservation Biology (Skill  
Development Course)  
Medical Laboratory Technology  
Environmental Biotechnology  
Project

#### Allied Elective Courses

Applied Chemistry  
Fundamentals of Nanoscience  
Bioinstrumentation

#### Independent Elective Courses

Fundamentals of Food Science  
Introduction to Wildlife Biology

## BACHELOR OF COMMERCE (B. Com.) Shift I

### Major Core Courses

Financial Accounting  
Marketing  
Cost Accounting  
Business Management  
Business Law  
Banking and Financial Services  
Management Accounting  
Business Ethics & Corporate Social Responsibility  
Financial Management  
Company Law  
Financial Markets  
Corporate Accounting  
Human Resource Management  
Income Tax Law and Practice  
Entrepreneurship  
E-Commerce

### Allied Core Courses

Indian Economy  
Economics for Business  
Mathematics for Commerce  
Statistical Techniques for Business

### Major Elective Courses

Project  
Consumer Behaviour  
Retail Marketing  
Organisational Behaviour  
Auditing  
Advanced Corporate Accounting  
Portfolio Management  
Office Organisation and Management  
Automated Accounting Practices  
Office Procedures and Practices

### Allied Elective Courses

Social Entrepreneurship  
The Economic Budget  
Operations Research

### Independent Elective Courses

Consumer Rights  
International Marketing

## BACHELOR OF SCIENCE (B. Sc.)

### BRANCH I – MATHEMATICS - Shift II

### Major Core Courses

Differential Calculus  
Algebra and Trigonometry  
Multiple Integral and Laplace Transforms  
Analytical Geometry  
Vector Analysis and Applications  
Introduction to Graph Theory  
Sequences, Series and Fourier Series  
Algebraic Structures  
Principles of Real Analysis  
Elements of Differential Equations  
Vector Spaces and Linear Transformations  
Principles of Complex Analysis  
Principles of Mechanics

### Allied Core Courses

Physics I & II  
Physics I & II Practical  
Mathematical Statistics I & II

### Major Elective Courses

Optimisation Techniques  
Project  
Elements of Space Science  
Numerical Analysis  
Numerical Methods with Program in C

### Allied Elective Courses

Industrial Relations  
Cyber Security and Forensics  
Data Analysis  
Accounting Practices  
Consumer Psychology

### Independent Elective Course

Formal Languages and Automata Theory

## BACHELOR OF SCIENCE (B. Sc.)

### PSYCHOLOGY – Shift II

#### Major Core Courses

Basic Psychology I & II  
Developmental Psychology I & II  
Research Methods in Psychology  
Statistics for Psychology I & II  
Abnormal Psychology I & II  
Experimental Psychology  
Counselling Psychology  
Psychological Testing  
Applied Psychology

#### Allied Core Courses

Social Psychology I & II  
Foundations of Bio-Psychology  
Health Psychology

#### Major Elective Courses

Organisational Psychology  
Project  
Human Resource Management  
Rehabilitation Psychology

#### Allied Elective Courses

Food and Nutrition  
Social Enterprise Management  
Cyber Security and Forensics  
Industrial Relations

## BACHELOR OF COMMERCE (B. Com.) Shift II

#### Major Core Courses

Financial Accounting  
Marketing  
Cost Accounting  
Business Management  
Business Law  
Banking and Financial Services  
Management Accounting  
Business Ethics & Corporate Social  
Responsibility  
Financial Management  
Company Law  
Financial Markets  
Corporate Accounting  
Human Resource Management  
Income Tax Law and Practice  
Entrepreneurship  
E-Commerce

#### Allied Core Courses

Indian Economy  
Economics for Business  
Mathematics for Commerce  
Statistical Techniques for Business

#### Major Elective Courses

Project  
Consumer Behaviour  
Retail Marketing  
Organisational Behaviour  
Auditing  
Advanced Corporate Accounting  
Portfolio Management  
Office Organisation and Management  
Automated Accounting Practices  
Office Procedures and Practices

#### Allied Elective Courses

Operations Research  
Cyber Security and Forensics  
Data Analysis  
Social Enterprise Management  
Food and Nutrition

#### Independent Elective Courses

Consumer Rights  
International Marketing

**BACHELOR OF COMMERCE (B. Com. – CS)**

**CORPORATE SECRETARYSHIP – Shift II**

**Major Core Courses**

Financial Accounting  
Marketing  
Cost Accounting  
Business Management  
Legal Aspects of Business  
Banking and Financial Services  
Management Accounting  
Business Ethics & Corporate Social Responsibility  
Financial Management  
Company Law & Secretarial Practice  
Corporate Accounting  
Human Resources Management  
Financial Markets  
Labour and Social Security Laws  
E-Commerce  
Internship

**Allied Core Courses**

Indian Economy  
Economics for Business  
Business Statistics  
Business Analysis using Computers

**Major Elective Courses**

Business Environment  
Business Taxation  
Project  
Auditing  
Advertising

**Allied Elective Courses**

Operations Research  
Cyber Security and Forensics  
Data Analysis  
Social Enterprise Management  
Food and Nutrition

**Independent Elective Courses**

International Marketing  
Consumer Rights

**BACHELOR OF COMMERCE (B. Com. – A&F)**

**ACCOUNTING AND FINANCE – Shift II**

**Major Core Courses**

Accounting I & II  
Business Organisation and Management  
Cost and Management Accounting  
Essentials in Marketing  
Regulatory Aspects of Business  
Corporate Law  
Financial Market and Financial Institutions  
Principles of Financial Management  
Advanced Cost and Management Accounting  
Income Tax Law and Practice  
Auditing Techniques  
Corporate Finance  
Advanced Corporate Accounting  
Business Taxation  
Portfolio Management

**Allied Core Courses**

Indian Economy  
Economics for Business  
Mathematics for Commerce  
Statistical Techniques for Business

**Major Elective Courses**

Corporate Social Responsibility  
Entrepreneurship Development  
Project  
Managerial Economics  
Human Resource Practices

**Allied Elective Courses**

Operations Research  
Cyber Security and Forensics  
Data Analysis  
Social Enterprise Management  
Food and Nutrition

**Independent Elective Courses**

Investment Planning  
Performance Appraisal



## BACHELOR OF BUSINESS ADMINISTRATION (B. B. A.) Shift II

### Major Core Courses

Accounting for Management I & II  
Principles of Management  
Marketing Management  
Business and Society  
Legal Framework of Business I & II  
Human Resource Management  
Indian Financial System  
Introduction to Financial Management  
Essentials of Workplace Behaviour  
Entrepreneurial Management  
Taxation Law  
Production and Operations Management  
Strategic Management  
Fundamentals of Public Relations

### Allied Core Courses

Managerial Economics  
Business Applications in Computers  
Quantitative Techniques for Management  
Operations Research

### Major Elective Courses

Retail Management  
Project  
Supply Chain and Logistics Management  
Industrial Relations Management

### Allied Elective Courses

Operations Research  
Cyber Security and Forensics  
Data Analysis  
Social Enterprise Management  
Food and Nutrition

### Independent Elective Courses

Principles of E-Commerce  
Consumer Rights

## ACCA

### An option to acquire a professional qualification for students of Commerce Shift II

Stella Maris College has signed an MoU with the Association of Chartered Certified Accountants (ACCA), which will enable undergraduate students of the Department of Commerce to acquire the ACCA qualification in addition to their B. Com. degree.

The course will be delivered through industry professionals on campus. The students, on completion of their B. Com. degree, will also receive a professional diploma from ACCA and a B.Sc. in Accounting from Oxford Brookes University, UK.

## COACHING FOR ICAI – CPT

Coaching for the Chartered Accountancy course is offered to the students of the Department of Commerce - Shift II. The classes are conducted on campus by renowned practising Chartered Accounts of ICAI (Institute of Chartered Accountants of India).

## BACHELOR OF COMPUTER APPLICATIONS (B. C. A.) Shift II

### Major Core Courses

Procedure Oriented Programming with C  
Procedure Oriented Programming with C – Practical  
Multimedia – Practical  
Data Structures and Algorithms  
Computer Concepts  
Data Structures and Algorithms – Practical  
Database Management Systems  
Object Oriented Programming with Java  
Software Engineering  
Relational Database Management Systems – Practical  
Object Oriented Programming with Java – Practical  
Operating Systems  
Web Programming  
Web Programming – Practical  
Software Testing  
Advanced Java Programming  
Visual Programming  
Advanced Java Programming – Practical  
Visual Programming with C# – Practical  
Network Concepts  
Emerging Trends in Information Technology  
Project

### Allied Core Courses

Mathematics for Computer Science I & II  
Financial Statements and Analysis  
Principles of Financial Management

### Major Elective Courses

Linux Programming  
Software and Information Security  
HTML5 and Game Programming  
Mobile App Development for Android

### Allied Elective Courses

Industrial Relations  
Operations Research  
Social Enterprise Management  
Food and Nutrition  
Recent Trends in Marketing

### Independent Elective Courses

Cloud Computing  
Big Data Analytics  
Wireless Sensor Networks

## BACHELOR OF SOCIAL WORK (B. S. W.) Shift II

### Major Core Courses

Social Work Profession – History and Philosophy  
Field Work I, II, III, IV, V & VI  
Social Work Methods I (Case Work and Group Work)  
Social Work Methods II (Community Organisation and Social Action)  
Generalist Practice in Social Work  
Fields of Social Work  
Basic Research and Statistics for Social Work  
Social Work Administration  
Health Care Services  
Gender and Development Issues and Concerns  
Project  
Block Placement

### Major Elective Courses

International Co-operation and Humanitarian Assistance  
Ecology Development and Social Work Intervention  
Disaster Preparedness and Risk Reduction  
Disability Rehabilitation and Social Work Practice

### Allied Elective Courses

Operations Research  
Cyber Security and Forensics  
Data Analysis  
Industrial Relations  
Data Analysis  
Recent Trends in Marketing

### Independent Elective Course

Leadership, Training and Development

### Allied Core Courses

Fundamentals of Sociology  
Introduction to Psychology  
Indian Economy and Development Issues  
Human Rights, Social Justice and Advocacy

## B. Voc. DEGREE

### SUSTAINABLE ENERGY MANAGEMENT – Shift II

#### Skills Component – Major Core Courses

Forms of Energy and Energy Crisis  
Solar Energy  
Fundamentals of Photovoltaics  
Energy Conversion Techniques  
Bio Energy  
Waste Segregation and Management  
Advanced Bioenergy  
Biofuel Crops and Biofuels  
Novel materials for Sustainability  
Software Tools for Energy Analysis  
Solar power plan designing  
Green Buildings and Passive Architecture  
Entrepreneurial Initiatives  
Green Management – Urban and Rural  
Scenario  
Energy for Smart Cities  
Project

#### Allied Core Courses

Energy Economics  
Environment and Ecology  
Microbial Fuel Cells

#### Major Elective Courses

Energy Management and Energy Audit  
Conservation of Water resources:  
Watershed Management

#### General Elective Courses

Electronic Documentation and Presentation  
Banking Practices

## B. Voc. DEGREE

### FOOD PROCESSING AND QUALITY CONTROL – Shift II

#### Skills Component – Major Core Courses

Food Microbiology with Laboratory Work  
Technology of Fruits and Vegetables  
Processing – Hands-on Training  
Bakery and Dairy Technology  
Basic Principles of Food Processing and  
Preservation  
Dairy Processing  
Food Analysis  
Analytical Techniques in Food Quality  
Assurance  
Food Laws and Food Safety  
Community Nutrition and Fortification of  
Foods  
Sensory Evaluation with Laboratory Work  
Entrepreneurial Initiatives  
Post-Harvest Technology  
Food Safety and Management  
Waste Management in Food Industry  
Emerging Trends in Food Processing and  
Technology  
Project

#### Allied Core Courses

Food Hygiene and Sanitation  
Principles of Basic Nutrition  
Basic Dietetics

#### Major Elective Courses

Food Packaging  
Flavour Chemistry and Technology

#### General Elective Courses

Diseases and Management  
Banking Practices

## UNDERGRADUATE PROGRAMME – GENERAL ELECTIVE COURSES

Heritage Awareness	Herbal Therapy
History of Chennai City	Fruit Preservation
Introduction to Indian Performing Arts and Painting	Fundamentals of Horticulture
Study of Indian Cinema	Waste Management
Fundamentals of Indian Constitution	Food Science
International Affairs since 1945	Floriculture
Sociology of Sports	Diseases and Management
Organisational Development and Change	Concepts in Animal Welfare
Sociology of Popular Culture	Genes – Diseases – Society
Gender Studies	Nutrition and Diet Therapy
Society and Media	Applied Zoology
Society and Law	Biology of Human Reproduction
Fundamentals of Human Behaviour	Banking Practices
Basics Skills in Counselling	Financial Services
Introduction to Social Behaviour	Business Leadership
Personality Enrichment	Fundamentals of Marketing
General Psychology	Contemporary Advertising
Psychology of Adolescence	Personnel Management
Eco Feminism	Basic Accounting
Economic Issues	Salesmanship
Money Matters	Financial Analysis and Reporting
Public Policy	Business Tax Procedures and Management
Economics for Competitive Examinations	Corporate Communication
Women and Work	Computerised Accounting Systems
Basic English I & II	Stock and Commodities Market
Fiction and Film	Intellectual Property Rights
English for the Work Place	Rural Marketing
Basic Theatre Skills	Electronic Documentation and Presentation
Writing for the Media	Digital World –Tools and Techniques
Travel Writing	Image Editing and Animation
Recycled Art – Practical	System Assembling, Installation and Trouble-Shooting
Fabric Art – Practical	Programming in C
Creative Printing – Practical	E-Commerce with Content Management System
Embroidery – Practical	Security Issues in Information Technology
Collage – Practical	Migration Issues and Human Security
Jewellery from Alternate Materials – Practical	Marriage and Family Life Education
Fascinating World of Mathematics	UN Systems for Development and Social Change
Basic Mathematics	Human Rights and Justice Issues
Essentials of Logic and its Applications	Corporate Social Responsibility
Resource Management Techniques	Conflict and Peace Building
Celestial Wonders	Basic Tamil I & II
Applied Statistics	Medai Pechchu
Basic Principles of Physics	Padaipu Illakiyam
Physics of Music	Nattuppuraiyal
Basics of Communication Systems	Suttrula
Digital Photography	Hindi for Beginners
Home Electrical Installations	Public Speaking in Hindi
Energyphysics	Spoken Hindi
Chemistry in Everyday Life	Creative Writing in Hindi
Cosmetics and Personal Care	French for Beginners
Food Quality and Detection of Food Adulteration	French for Business
Nutraceuticals and Health Care	Spoken French
Basic Nutritional Chemistry	Spoken Sanskrit
Forensic Chemistry	Stress Management in Sanskrit Literature

## UNDERGRADUATE PROGRAMME

### **SOCIAL AWARENESS PROGRAMME/SERVICE LEARNING**

Rural Realities -Village Visits  
Urban Realities - Under-developed Areas  
Welfare of the Aged  
Socio Economic Issues  
Child Welfare  
Care of the Differently abled  
Civic Awareness  
Pollutants and Adulterants  
Health and Hygiene  
Heritage Awareness  
Art for Children  
Computer Basics  
Plants and People

### **VALUE EDUCATION**

#### **Christian Perspectives**

Values in Personal Life  
Responsible Citizenship and Peace Initiatives  
Values in Social and Family Life

#### **Ethics**

Values in Personal Life  
Responsible Citizenship and Peace Initiatives  
Values in Social and Family Life

**MASTER OF ARTS (M. A.)**

**BRANCH III – ECONOMICS – Shift I**

**Core Courses**

Micro Economic Analysis I & II  
Monetary Economics  
Growth and Development Economics  
Research Methods and Analysis I & II  
International Trade  
Gender Economics  
Macro Economics I & II  
Public Economics I & II  
Human Resource Development  
Environmental Economics  
Dissertation

**Elective Courses Offered to Students of Parent Department**

Mathematics for Economics  
Industrial Economics  
Advanced Managerial Economics  
Econometric Methods  
Economics for Business and Marketing  
Advanced Econometrics

**Elective Courses Offered to Students of Other Departments**

Contemporary Economic Issues  
Economics for Managers

**Summer Internship**

**Independent Elective Courses**

Economic Thought  
Financial Institutions & Markets in India

**MASTER OF ARTS (M. A.)**

**BRANCH VII – ENGLISH – Shift I**

**Core Courses**

British Literature I & II  
American Literature: Modernism and After  
Literature and Subalternity  
Women's Writing  
Linguistics  
Contemporary Critical Theory I & II  
Postcolonial Studies  
Indian Literature in Translation  
Literature and Ecology  
Modern Indian Literature in English  
Literature and Mysticism  
Shakespeare  
Dissertation

**Elective Courses Offered to Students of Parent Department**

Detective Fiction  
Technical Writing  
English Language Teaching I & II  
Children's Literature  
New Fiction and the Contemporary World

**Elective Courses Offered to Students of Other Departments**

English for Communication  
Introduction to Technical Writing  
Literature and Spirituality

**Summer Internship**

**Independent Elective Courses**

Literature and Science  
Popular Fiction  
Fantasy Fiction

## MASTER OF ARTS (M. A.)

### BRANCH X – HISTORY OF FINE ARTS – Shift I

#### Core Courses

Arts and Ideas  
Design History  
Drawing and Painting – Practical  
Design Dynamics – Practical  
Weaving – Practical  
Publishing Design – Practical  
Illustration – Practical  
Textile Printing – Practical  
Communication Design I & II – Practical  
Mobile Application & Web Page Design – Practical  
Fashion, Accessories & Embellishment – Practical  
Textile Product Development – Practical  
Dissertation

#### Elective Courses Offered to Students of Parent Department

Digital Photography – Practical  
Creative Photography – Practical  
Research Methodology  
Critical Writing  
Visual Culture  
Crafts in India

#### Elective Courses Offered to Students of Other Departments

Textile Dyeing & Printing – Practical  
Creative Design – Practical

#### Summer Internship

#### Independent Elective Courses

Indian Aesthetics and Philosophy  
Indian Iconography

## MASTER OF SOCIAL WORK (M. S. W.) Shift I

#### Core Courses

Social Work Profession – History, Philosophy and Ideologies  
Social Work with Individuals  
Social Work with Groups  
Field Work I, II, III & IV  
Community Organisation and Social Action  
Social Work Research and Statistics  
Integrated Practice in Social Work  
Human Rights and Social Work  
Management for Non Profit Organisations  
Dissertation  
Counselling – Theory and Practice  
Gender and Social Work Practice

#### Elective Courses Offered to Students of Parent Department

Fundamentals of Sociology  
Fundamentals of Psychology  
Child Rights and Social Work  
Medical Social Work  
Development Planning and Administration  
Family Social Work  
Mental Health and Social Work  
Social Entrepreneurship  
Youth Development  
Community Health  
Development Practice – Urban and Rural

#### Internship

Block Placement

#### Independent Study Course

Disaster Management



## MASTER OF SCIENCE (M. Sc.)

### BRANCH I – MATHEMATICS – Shift I

#### Core Courses

Modern Algebra  
Real Analysis  
Continuum Mechanics  
Differential Equations  
Linear Algebra  
Measure Theory and Integration  
Research Methods and Tools  
Complex Analysis  
Fluid Dynamics  
Graph Theory  
Topology  
Functional Analysis  
Calculus of Variation and Integral Equations  
Differential Geometry  
Dissertation

#### Elective Courses Offered to Students of Parent Department

Number Theory and Cryptography  
Analysis of Algorithms  
Fuzzy Set Theory and Applications  
Mechanics  
Mathematical Modeling  
Probability and Random Processes

#### Elective Courses Offered to Students of Other Departments

Formal Languages and Automata Theory  
Statistics for Research

#### Summer Internship

#### Independent Elective Course

Financial Mathematics

## MASTER OF ARTS (M. A.)

### PUBLIC RELATIONS – Shift II

#### Core Courses

Basics of Public Relations  
Community Relations  
Interpersonal and Group Communication  
Marketing and Advertising Management in Public Relations  
Public Relations in the Corporate Sector  
Customer Relations  
Mass Communication  
Public Relations in the Service Sector  
Employee Relations  
Writing for Media  
Public Relations in the Government Sector  
Dissertation  
Public Relations Campaign Management  
Government Relations

#### Elective Courses Offered to Students of Parent Department

Event Management  
Media Management  
Communication Tools for Public Relations  
Creative Public Relations  
Perspectives of Human Resource Management in Public Relations  
Digital Public Relations

#### Elective Courses Offered to Students of Other Departments

Introduction to Public Relations  
Public Relations Skills

#### Independent Elective Course

Global Public Relations

#### Internship

Summer Internship: (Corporate Sector/Non Government Organisation)  
Internship: (Service Sector/Government Organisation)

## MASTER OF ARTS (M. A.)

### INTERNATIONAL STUDIES – Shift II

#### Core Courses

International History (1648-1945)  
International Relations Since 1945  
International Security  
International Political Economy  
Theories and Issues of International Relations  
International Law I & II  
India's Foreign Policy  
Research Methodology  
Conflict and Cooperation in South Asia  
International Organisations  
Human Rights  
American Foreign Policy  
The International Order in the Asia Pacific  
Dissertation

#### Elective Courses Offered to Students of Parent Department

International Terrorism  
Introduction to Peace and Conflict Studies  
Ethnicity, Culture and International Relations  
Latin America's Polity, Society and Economy  
Government and Politics of the Middle East

#### Elective Courses Offered to Students of Other Departments

Globalisation  
World Affairs

#### Summer Internship

#### Independent Elective Courses

Third World Development and Challenges  
Introduction to Political Thought

## MASTER OF COMMERCE (M. Com.) Shift II

#### Core Courses

Marketing Management  
Strategic Human Resource Management  
Regulatory Aspects of Business  
Accounting for Managerial Decisions  
Service Marketing  
Corporate Governance and Social Responsibility  
Financial Management and Policy  
Indian Financial System  
Business Research  
Corporate Accounting  
Global Strategic Management  
Individual and Corporate Tax Planning  
Investment Planning  
Principles of E-Commerce  
Dissertation

#### Elective Courses Offered to Students of Parent Department

Organisational Theory and Behaviour  
Advertising  
Insurance and Risk Management  
Business Venture Management  
Business Applications in Computers  
International Business

#### Elective Courses Offered to Students of Other Departments

Essentials of Marketing  
Human Resource Management

#### Summer Internship

#### Independent Elective Courses

Training and Development  
Advertising and Salesmanship

**MASTER OF SCIENCE (M. Sc.)**

**BRANCH IV – CHEMISTRY – Shift II**

**Core Courses**

Organic Chemistry I & II  
Advanced Physical Chemistry  
Structural Inorganic Chemistry  
Physical Chemistry – Practical  
Inorganic Qualitative and Quantitative  
Analysis – Practical  
Quantum Chemistry and Group Theory  
Coordination Chemistry  
Organic Separation and Analysis – Practical  
Synthetic Organic Chemistry and Natural  
Products  
Molecular Spectroscopy  
Organic Synthesis and Purification – Practical  
Analytical Instrumentation  
Analytical Instrumentation – Practical  
Dissertation

**Elective Courses Offered to Students  
of Parent Department**

Research Methodology  
Industrial Waste Management  
Polymer Materials and Applications  
Biochemistry  
Phytochemistry  
Nanochemistry

**Elective Courses Offered to Students  
of Other Departments**

Medicines and Health Care  
Food Chemistry and Nutrition

**Summer Internship**

**Independent Elective Courses**

Introduction to Forensic Chemistry  
Chemistry of Natural Products

**MASTER OF SCIENCE (M. Sc.)**

**BIOTECHNOLOGY – Shift II**

**Core Courses**

Microbiology  
Biochemistry  
Molecular Biology  
Microbiology – Practical  
Biochemistry and Molecular Biology –  
Practical  
Recombinant DNA Technology  
Animal and Plant Biotechnology  
Recombinant DNA Technology – Practical  
Animal and Plant Biotechnology – Practical  
Enzyme and Bioprocess Technology  
Immunology  
Enzyme and Bioprocess Technology –  
Practical  
Immunology – Practical  
Stem Cell and Tissue Engineering  
Food and Pharmaceutical Biotechnology  
Dissertation

**Elective Courses Offered to Students  
of Parent Department**

Biophysics and Bioinstrumentation  
Bio-nanotechnology  
Research Methodology and Biostatistics  
Patenting and Entrepreneurship  
Environmental Biotechnology  
Marine Biotechnology

**Elective Courses Offered to Students  
of Other Departments**

Applications of Biotechnology  
Human Genetics

**Summer Internship**

**Independent Elective Courses**

Molecular Oncology  
Virology

## MASTER OF SCIENCE (M. Sc.)

### BIOINFORMATICS – Shift II

#### Core Courses

Biochemistry  
Database Management Systems  
Programming in C++  
Biophysics  
Molecular Biology  
Molecular Biology - Practical  
Bioinformatics  
Bioinformatics - Practical  
Genomics and Proteomics  
Perl  
Algorithms for Bioinformatics  
Molecular Modelling and Computer Aided  
Drug Design  
Basics of Clinical Research Management  
Advances in Bioinformatics  
Dissertation

#### Elective Courses Offered to Students of Parent Department

Basic Mathematics  
Cell Biology and Genetics  
Research Methodology and Scientific  
Communication  
Cheminformatics  
Data Mining  
Immunoinformatics

#### Elective Courses Offered to Students of Other Departments

Pharmacogenomics  
Fundamentals of Bioinformatics

#### Summer Internship

#### Independent Elective Courses

Python  
Systems Biology

## MASTER OF SCIENCE (M. Sc.)

### INFORMATION TECHNOLOGY – Shift II

#### Core Courses

Algorithms and Data Structures  
Database Management Systems  
Advanced Programming with C  
Formal Languages and Finite Automata  
Object Oriented Programming with Java  
Operating Systems  
Object Oriented System Development  
Network Management and Administration  
Visual Programming  
Advanced Java Programming  
Research Methodology  
PHP with Linux  
Software Quality Assurance and Testing  
Project

#### Elective Courses Offered to Students of Parent Department

Web Designing  
Game Programming  
Security Issues in Information Technology  
Computer Architecture  
Mobile Computing and App Development  
Big Data Analytics using R

#### Elective Courses Offered to Students of Other Departments

Advanced Office Tools  
Multimedia  
E-Commerce and Content Management  
System

#### Summer Internship

#### Independent Elective Courses

Emerging Trends in Information Technology  
Green Computing  
Pervasive Computing

## POSTGRADUATE DIPLOMA IN COMPUTER SCIENCE (PGDCS)

Programming with C	Computer Concepts
Programming with C – Practical	Data Structures and Algorithms
Multimedia- Practical	Web Programming
Programming with Java	Web Programming – Practical
Programming with Java – Practical	Network Concepts
Software Engineering	Project

## POSTGRADUATE PROGRAMME

### SOCIAL AWARENESS PROGRAMME/SERVICE LEARNING

Socio Economic Issues  
Health and Hygiene  
Rural Realities – Village Visit  
Urban Realities – Underdeveloped Areas (Slums)  
Child Welfare  
Care for the Differently Abled  
Welfare of the Aged  
Art for Children  
Civic Awareness  
Learning from the Community  
Food Adulteration and Water Pollution  
Computer Basics

### VALUE EDUCATION

#### **Christian Perspectives**

Values and Competencies  
Values for Harmonious Living (II M. S. W.)  
Women in Family and Society

#### **Ethics**

Values and Competencies  
Values for Harmonious Living (II M. S. W.)  
Women in Family and Society

## M.Phil. PROGRAMMES

### ECONOMICS

#### Core Courses

Research Methodology  
Advanced Economic Theory  
Human Resource Development  
Dissertation

### HISTORY OF FINE ARTS

#### Core Courses

Art History and its Methods  
Theories in Art  
Methodology of Art Research  
Dissertation

### ENGLISH

#### Core Courses

Indian Literature: Texts and Contexts  
Contemporary World Literature: Texts and Contexts  
Area of Research  
Dissertation

### MATHEMATICS

#### Core Courses

Advanced Algebra and Analysis  
Advanced Topology and Geometry  
Dissertation

#### Optional Courses

Advanced Structures in Algebra  
Functional Analysis  
Graph Theory  
Fuzzy Set Theory, Fuzzy Logic and Applications  
Fluid Dynamics

### SOCIAL WORK

#### Core Courses

Research Methodology for Social Work  
Advanced Social Work Theory, Training and Practice  
Social Work Practicum  
Dissertation

## ENGLISH LANGUAGE AND LIFE SKILLS PROGRAMME

This is a self-financing Certificate Course for Higher Secondary and graduate students who have studied in regional language medium schools, in order to improve their English language skills and life skills, so that they are equipped to face the challenges of a competitive world.

<b>Part I</b>	English Language Skills – Spoken English and Grammar
<b>Part II</b>	Life Skills – Self Awareness, Self Confidence
<b>Part III</b>	Interpersonal Relationships and Communication Skills
<b>Part IV</b>	Basics of Computer Skills

## ADMISSION PROCEDURE

1. Application forms for admission to the B. A., B. Sc., B. Com., B. Com. (CS), B. Com. (A&F), B. B. A., B. C. A., B. V. A., B. S. W., B. Voc., M. A., M. Sc., M. Com., M. S. W., M. Phil. and PGDCS programmes can be accessed online at [www.stellamariscollege.edu.in](http://www.stellamariscollege.edu.in)
2. Online applications for all programmes will be uploaded on the College website on 2 May 2018.
3. Information regarding interviews for provisionally selected applicants for all programmes will be sent by e-mail and SMS and updated on the College website.
4. Applicants should produce all original mark statements and certificates at the time of interview.
5. Admission status will be posted on the College website after 8:00 p.m. on the day of interview.
6. Requests for deferring the date of interview will not be considered.
7. No information will be sent to applicants who have not been selected for the interview.
8. The name of the applicant and date of birth should be identical in all mark sheets/certificates, including the Transfer Certificate. No correction or overwriting is permitted without attestation of the proper authority.
9. Selected applicants must pay the prescribed fees and submit original and two attested photocopies of the following documents:

### **Applicants for undergraduate programmes:**

- a. STD X – Statement of Marks or Equivalent Certificate
- b. STD XII – Statement of Marks or Equivalent Certificate
- c. Pass Certificate (CBSE/ISC/others)
- d. Diploma Certificate (if available) – for international applicants
- e. Transfer Certificate and Conduct Certificate
- f. Community Certificate in the case of MBC/OBC/DNC/BC/SC/ST
- g. Certificate of proof for the differently abled/for those applying in the NCC/Sports quota and for daughters of Ex-servicemen etc.
- h. Baptism certificate for Catholic applicants
- i. Applicants from Boards other than TNHSC/CBSE/ISC (**within/outside India**) should also furnish the Eligibility Certificate from the University of Madras



**Applicants for postgraduate programmes:**

- a. STD X – Statement of Marks or Equivalent Certificate
- b. STD XII – Statement of Marks or Equivalent Certificate
- c. Pass Certificate (CBSE/ISC/others)
- d. Diploma Certificate (if available) – for international applicants
- e. Statement of Marks (semester/year) of undergraduate programme of study
- f. Consolidated Statement of Marks or Cumulative Marks Statement of the undergraduate programme (in the case of applicants from Autonomous Colleges)
- g. Undergraduate Degree/Provisional Certificate issued by the University
- f. Eligibility Certificate from the University of Madras (for applicants who have passed their qualifying examinations from other Universities)

**Applicants for M. A. Public Relations and M. S. W. Programmes should also submit photocopies of the following:**

- a. Additional certificates or diplomas obtained
  - b. Prizes/participation certificates in seminars, workshops, competitions, co-curricular or extracurricular activities like NSS, NCC, games, volunteer activities, or any other
  - c. Project reports, research reports, and paper presentations
- All the above achievements will be considered and given weightage during the selection process.

**For the attention of international applicants:**

International applicants should produce a valid Passport and VISA/Refugee Certificate/OCI with two sets of attested copies of the same, at the time of admission.

**Note:** All applicants are informed that the original Transfer and Conduct Certificates produced at the time of admission will not be returned under any circumstances.

## HOSTEL

A limited number of seats are available in the hostels. Applicants are informed that hostel applications should be submitted along with the College application form. Admission to the College does not guarantee admission to the College hostel. Preference will be given to Catholic applicants from Madras-Mylapore Diocese area.

## Note to Parents

- **Parents and guardians are informed that the College does not accept donations for admission directly or indirectly. Any malpractice in this regard may be brought to the notice of the Principal immediately.**
- **Dress Code:** Students are expected to wear simple and modest clothes. Students are permitted to wear a saree, salwar kameez, or full length jeans with kurtas. Sleeveless attire and T-shirts are not permitted.
- Students are not permitted to participate in fashion shows, stage shows or modelling.
- Students are not permitted to participate in talk shows and any other public performance without prior permission of the Principal.
- **Cell Phones:** Use of cell phones is banned on campus. Violation of this rule will result in confiscation of the phone and a fine being levied.

## Anti-Ragging: UGC REGULATIONS

In accordance with UGC norms, ragging in any form is strictly forbidden. A student found guilty of ragging will face cancellation of admission/suspension from the College/hostel and a fine of Rs. 25,000/- to 1 Lakh will be levied.

**All communication should be addressed to The Principal,  
Stella Maris College, 17, Cathedral Road, Chennai – 600 086.  
Please quote the application number for further reference.**



17, Cathedral Road, Chennai 600086, India  
Ph: + 91 44 28111987/28111951  
[www.stellamariscollege.edu.in](http://www.stellamariscollege.edu.in)