



TRUTH

CHARITY

STELLA MARIS COLLEGE
(AUTONOMOUS), CHENNAI, INDIA



PROSPECTUS | 2014-2015

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 15th 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 around 4,000 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 realize 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 sensitize 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

ACADEMIC PROGRAMMES

The College became autonomous in 1987 and has 14 undergraduate and 12 postgraduate programmes with five departments offering research programmes leading to the M.Phil. and 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

STRUCTURE OF THE DEGREE PROGRAMME

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 the semester is 90 working days.

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

B.A. / B.Sc. / B.Com. / B.Com. (CS) / B.C.A. / B.S.W. / B.V.A.

At the Undergraduate level a student must necessarily complete a minimum of 140 credits for a Bachelor's degree and 165 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**

* **Only students who have taken French at the Plus Two level may apply for French**

Part II Foundation Course in English

Part III (a) Major Core Courses
(b) Allied Core Courses
(c) Major Elective Courses

Part IV (a) General Elective Courses / Tamil*
(b) Value Education
(c) Environmental Studies
(d) Soft Skills

**Students who have not studied Tamil at the tenth level have to take two General Elective courses in Basic Tamil*

Part V (a) Student Training Programmes
NSS / NCC / Games / Functional Literacy / Red Cross
(b) Social Awareness Programme / Service Learning

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

Part III comprises of Major Core, Allied Core, and Major Elective courses. For Major Elective courses, a student may choose between a subject related course or a subject related skill development course. Major Electives are offered by departments for students of their own and related departments. Students may therefore, opt for Major Elective courses across related departments.

In addition to Core courses a student is required to take courses under Part IV and Part V to obtain the minimum number of credits.

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

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

At the Postgraduate level a student must necessarily complete a minimum of 90 credits for a Master's degree.

The Postgraduate programme has the following components:

Core Courses
Elective Courses
Value Education
Soft Skills
Social Awareness Programme
Internship

UNDERGRADUATE PROGRAMMES

A) OFFERED UNDER AIDED SECTION

SHIFT - I (7.50 AM - 12.55 PM)

Degree	Discipline	Duration	Subjects required in Higher Secondary	PRESCRIBED FEES
B.A.	History and Tourism	3 yrs.	Any group in Higher Secondary	
B.A.	Sociology	3 yrs.		
B.A.	Economics	3 yrs.		
B.A.	English	3 yrs.		
B.V.A.	Visual Arts * Specialisation in Painting or Design	4 yrs.		
B.Sc.	Mathematics	3 yrs.	Mathematics and Physics	
B.Sc.	Physics	3 yrs.	Physics, Mathematics & Chemistry	
B.Sc.	Chemistry	3 yrs.	Chemistry, Physics & Mathematics	
B.Sc.	Plant Biology & Plant Biotechnology	3 yrs.	Biology, Chemistry & Microbiology (or) Botany, Zoology, Chemistry / Biotechnology	
B.Sc.	Advanced Zoology & Biotechnology	3 yrs.	Zoology, Botany, Chemistry/ Biotechnology	
B.Com.	Commerce	3 yrs.	Commerce, Accountancy, Mathematics / Business Mathematics	

B) OFFERED UNDER THE SELF - FINANCING SECTION**SHIFT - II (12.00 PM - 5.30 PM)**

Degree	Discipline	Duration	Subjects required in Higher Secondary	PRESCRIBED FEES
B.Sc.	Mathematics	3 yrs.	Mathematics and Physics	
B.Com.	Commerce	3 yrs.	Commerce, Accountancy, Mathematics / Business Mathematics	
B.Com.	Corporate Secretaryship	3 yrs.	Commerce, Accountancy	
B.C.A.	Computer Applications	3 yrs.	Computer Science / Mathematics	
B.S.W.	Social Work (including field work)	3 yrs.	Any group in Higher Secondary and must be able to read and speak Tamil	
DMLT	Diploma in Medical Laboratory Technology	1 yr.	Biology and Chemistry / Degree in Physical or Natural Sciences	
Certificate Course	English Language and Life Skills	1 yr.	Higher Secondary Passed / Graduates whose medium of instruction was any language other than English	

BACHELOR OF ARTS - B.A.**BRANCH I A – HISTORY AND TOURISM****Major Core Courses**

Ancient Indian Heritage
 Tourism Phenomenon
 Medieval India (712 - 1707 AD)
 Business Tourism
 Social and Cultural History of Chennai City since 1639
 Hotel Management and Catering
 Freedom Struggle in India (1858 - 1947)
 Travel Agencies and Tour Operator
 History of Europe (1789 -1871)
 Human Rights
 Tourism Marketing and Management
 Women's Movement in India
 International Relations since 1945
 Indian Constitution
 Global Tourism
 History of Europe (1871 - 1945)

Allied Core Courses

Social and Cultural History of Tamil Nadu upto 16th Century
 Pre-Colonial India upto 1858
 Freedom Struggle in Tamil Nadu
 History of World Civilizations

Major Elective Courses

Archives Keeping / Tourism and Airport Customer Services (Skill Development Courses)
 Historiography and Historical Methods / Ticketing and Career Counselling in Tourism

Independent Study Courses

History of the USA
 China and Japan in the 20th Century

BRANCH III – SOCIOLOGY**Major Core Courses**

Principles of Sociology - I & II
 Sociology of Indian Society
 Social Anthropology
 Development of Social Thought
 Social Research
 Sociological Theory
 Social Statistics
 Media and Society
 Crime and Victimology
 Organizational Behaviour
 Ethnicity
 Social Movements
 Environmental Sociology
 Globalization
 Political Development

Allied Core Courses

Social Psychology
 Tribal Development
 Gerontology
 Women and Development

Major Elective Courses

Collective Behaviour / Non-Governmental Organizations (Skill Development Course)
 Logic and Scientific Methods (Skill Development Course) / Organizational Development

Independent Study Courses

Corporate Social Responsibility
 Social Networking

BRANCH IV – ECONOMICS

Major Core Courses

Micro Economics - I & II
Mathematical Methods for Economics - I & II
Monetary Economics
Indian Economic Development - I & II
Environmental Economics
Macro Economics - I & II
Public Finance - I & II
Human Resource Development
Development Economics
Economic Thought
International Economics

Allied Core Courses

Statistics for Economics - I & II
Women, Work and the Economy
Tools for Financial Statement Analysis

Major Elective Courses

Tamil Nadu Economic Development /
Basic Econometrics (Skill Development Course)
Economic Research and Analysis (Skill Development
Course) / Financial Economics / Agricultural
Economics

Independent Study Courses

Industrial Economics
Nobel Laureates in Economics

BRANCH XII – ENGLISH

Major Core Courses

Prose
Drama - I & II
Fiction - I & II
Poetry - I & II
American Literature
Literary Criticism - I & II
Indian Literature in English
Shakespeare
Postcolonial Studies
South Asian Writing
Literature and Gender
World Classics

Allied Core Courses

Introduction to Linguistics
Introduction to Subaltern Studies
Modern Painting in the West
Literature and Ideas

Major Elective Courses

English Language Teaching (Skill Development
Course) / Literature and Psychology

Journalistic Writing and Copyediting (Skill
Development Course) / Indian Literature in Translation

Independent Study Course

The Novel of Courtship and Marriage

BACHELOR OF SCIENCE - B.Sc.

BRANCH I - MATHEMATICS

Major Core Courses

Differential Calculus
Algebra and Trigonometry
Integral Calculus
Analytical Geometry
Ordinary Differential Equations
Vector Analysis
Laplace Transforms and Partial Differential Equations
Sequences, Series and Fourier Series
Algebraic Structures
Real Analysis
Probability Theory
Mechanics
Graph Theory and Combinatorics
Vector Spaces and Linear Transformations
Complex Analysis
Mathematical Statistics

Allied Core Courses

C - Programming and its Applications
Operations Research
Physics for Mathematics - I & II
Physics for Mathematics - I & II Practical

Major Elective Courses

Numerical Analysis / Optimization Techniques (Skill
Development Course)
Financial Mathematics / Special Topics in Mechanics

Independent Study Course

Popular Astronomy

★ BRANCH III - PHYSICS (THEORY AND PRACTICALS)

Major Core Courses

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

Allied Core Courses

Mathematics for Physics - I & II
General Chemistry - I & II
Volumetric Analysis - Practical

Major Elective Courses

Biomedical Physics / Communication Systems (Skill Development Courses)
Laser Physics / Nano Science

Independent Study Courses

Geo Physics
Techniques of Photography

**★ BRANCH IV - CHEMISTRY
(THEORY AND PRACTICALS)****Major Core Courses**

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

Allied Core Courses

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

Major Elective Courses

Pharmaceutical Chemistry / Polymer Chemistry
Computers in Chemistry / Clinical Biochemistry (Skill Development Course)

Independent Study Courses

Forensic Chemistry
Environmental Chemistry

**★ BRANCH V(A) - PLANT BIOLOGY AND
PLANT BIOTECHNOLOGY
(THEORY AND PRACTICALS)****Major Core Courses**

Algae, Fungi and Lichens
Algal and Fungal 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 Biology
Microbiology
Ecology and Environmental Biotechnology
Cell Biology, Microbiology, Ecology and Environmental Biotechnology - Practical
Plant Physiology
Molecular Biology
Genetics and Genetic Engineering
Applied Biotechnology
Plant Physiology, Genetics and Genetic Engineering, and Applied Biotechnology - Practical

Allied Core Courses

General Zoology - I & II
General Zoology - I & II Practical
Biochemistry - I & II
Biochemistry - I & II Practical

Major Electives Courses

Horticulture (Skill Development Course) / Food Microbiology, Sanitation and Hygiene
Bioinstrumentation / Fruit Preservation and Nutrition (Skill Development Course)

Independent Study Course

Forestry

**★ BRANCH VI (A) – ADVANCED ZOOLOGY AND
BIOTECHNOLOGY
(THEORY AND PRACTICALS)****Major Core Courses**

Invertebrata
Soil Biology
Invertebrata - Practical
Chordata
Chordata - Practical
Genetics
Cell and Molecular Biology
Genetics & Cell and Molecular Biology - Practical
Microbiology
Microbiology - Practical
Fundamentals of Biotechnology
Medical Laboratory Technology
Immunology
Medical Laboratory Technology, Immunology & Biotechnology - Practical
Animal Behaviour
Vertebrate Physiology
Developmental Biology
Environmental Biotechnology
Physiology, Developmental Biology and Environmental Biology - Practical

Allied Core Courses

General Botany - I & II
General Botany - I & II Practical
Biochemistry - I & II
Biochemistry - I & II Practical

Major Elective Courses

Conservation Biology / Applied Zoology (Skill Development Course)
 Evolution / Animal Tissue Culture Techniques (Skill Development Course)

Independent Study Courses

Biomedical Instrumentation and Techniques
 Nutrition and Food Technology

★ Stella Maris College is under the Star College Scheme of the Department of Biotechnology, Ministry of Science & Technology, Government of India, for strengthening basic Science programmes since 2009. DBT has accorded Star Department status to the departments of Physics, Chemistry, Botany and Zoology.

BACHELOR OF COMMERCE - B.Com.

Major Core Courses

Financial Accounting
 Marketing
 Cost Accounting
 Business Management
 Business Law
 Banking Services
 Management Accounting
 Financial Management
 Financial Services
 Financial Markets
 Company Law
 Corporate Accounting
 Business Communication
 Auditing

Allied Core Courses

Indian Economy
 Economics for Business
 Business Statistics
 Mathematics for Commerce

Specialisation Core : Students opt for one of the following

Option I	Option II	Option III
Finance & Taxation	Management & Marketing	Office Management
Advanced Cost Accounting	Human Resource Management	Office Management
Taxation - I	Consumer Behaviour	Office Practices
Taxation - II	Organizational Behaviour	Office Communication
Portfolio Management	Retail Marketing	Automated Accounting Practices
Advanced Corporate Accounting	Marketing Communication	Personal Tax Assessment

Major Elective Courses

Advertising / Business Environment / Industrial Relations
 Customer Relationship Management / Insurance and Risk Management / Entrepreneurial Development

Independent Study Courses

Principles of E-Commerce
 Essentials for a Business Venture

BACHELOR OF COMMERCE - B.Com. (CS) Corporate Secretaryship

Major Core Courses

Financial Accounting
 Marketing
 Cost Accounting
 Business Management
 Business Law
 Banking Services
 Management Accounting
 Human Resource Management
 Secretarial Practice
 Financial Management
 Financial Services
 Company Law
 Corporate Accounting
 Corporate Social Responsibility
 Financial Markets
 Business Communication
 Auditing
 Business Taxation
 Institutional Training (Project)

Allied Core Courses

Indian Economy
 Economics for Business
 Business Statistics
 Business Mathematics

Major Elective Courses

Advertising / Business Environment / Industrial Relations
 Customer Relationship Management / Entrepreneurial Development / Insurance and Risk Management

Independent Study Courses

Principles of E-Commerce
 Essentials for a Business Venture

ACCA

An option to acquire professional qualification.

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

ACCA is the global body for professional accountants supporting 1,62,000 members and 4,28,000 students in 173 countries, helping them develop successful careers in accounting and business by working through a network of 91 offices and more than 8500 approved employers worldwide.

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.

BACHELOR OF COMPUTER APPLICATIONS - B.C.A. (Theory & Practicals)

Major Core Courses

Programming with C
Programming with C - Practical
Computer Concepts and Office Tools - Practical
Algorithm and Data Structures
Advanced Programming with C - Practical
Computer Organization and Network Fundamentals
Relational DataBase Management Systems
Web Programming
RDBMS - Practical
Web Programming - Practical
Software Engineering
Object Oriented Programming with Java
Object Oriented Programming with Java - Practical
Advanced Java Programming - J2EE
Visual Programming
Operating Systems
Software Testing
J2EE - Practical
Visual Programming - Practical
Network Concepts
Information and Network Security
Object Oriented Analysis and Design
Project

Allied Core Courses

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

Major Elective Courses

Multimedia Systems / PHP Programming (Skill Development Courses)
Software Testing Tool / Linux Programming - (Skill Development Courses)

Independent Study Courses

Current Trends in IT
Programming in Multimedia
Wireless Networks

BACHELOR OF SOCIAL WORK - B.S.W.

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)
Integrated Method of Social Work
Fields of Social Work
Basic Research and Statistics for Social Work

Social Work Administration
Gender and Development - Issues and Concerns
Health Care
Project Work
Block Placement

Allied Core Courses

Fundamentals of Sociology
Psychology across Life Span
Indian Economy and Development Issues
Human Rights and Social Justice

Major Elective Courses

Disability and Social Work Practice / Peace Initiatives and Social Change
Basic Intervention Techniques for Social Work Practice / Ecology, Development and Social Work Interventions

Independent Study Course

Introduction to Child Rights

BACHELOR OF VISUAL ARTS - B.V.A. (4 YEAR COURSE)

Major Core Courses

Ancient to Medieval Art in the West
Contour Drawing - Practical
Indian Architecture and Sculpture - I & II
Drawing and Rendering - Practical
Basic Design - Practical
Basic Painting - Practical
Art in Europe (1400-1800 AD)
Colour - Practical
Figure Drawing - Practical
Nineteenth Century Art In Europe
Modern Art in the West (20th Century)
Mural and Miniature Traditions of India
Modern Indian Art
Indian Folk Art - Visual Traditions
Post Modern Art in the West and Post Colonial Art in India

Specialization Core : Students opt for one of the following

Option I

Specialization : Painting

Still Life Painting
Landscape Painting - Practical
Figure Composition - Practical
Creative Explorations - Practical
Traditional Painting - Practical
Portrait Painting - Practical
Modernist Painting - Practical
Creative Expressions - Practical
Project - Painting

Option II

Specialization : Design

Drawing for Design - Practical
Illustration Techniques - Practical
Design from Art Sources - Practical
Typography - Practical
Process of Graphic Design Development - Practical
Textile Studies - Practical
Surface Embellishment of Textiles-Practical
Graphic Design - Practical
Project - Design

Allied Core Courses

Art Fundamentals
Portrait Studies - Practical
Academic Writing
Digital Photography - Practical

Major Elective Courses

Terracotta Art - Practical / Paper Art - Practical
Writing about Art / Looking at Art

Independent Study Courses

Art of Native Cultures
Three Dimensional Art - Practical

DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY - DMLT

Theory

Hematology, Immunohematology and Coagulation
Studies, Cytology, Histopathology and Body Fluid
Analysis
Clinical Biochemistry and Quality Control
Clinical Enzymology, Endocrinology, Electrolytes
Clinical Bacteriology and Clinical Parasitology
Clinical Immunology, Virology and Mycology
Automation in Clinical Laboratory and
Advanced Technology

Practical

Practical - I - Clinical Pathology
Practical - II - Clinical Biochemistry
Practical - III - Clinical Microbiology

General Elective Courses for the Undergraduate Programme

History of Science and Technology
Heritage Tourism
Fundamentals of Indian Constitution
Museums and Conservation
International Affairs since 1945
Organizational Development and Change
Subaltern Groups
Ethnobiology
Media and Society
Women and Identity
Law and Society
Human Behaviour
Basics in Counselling
General Psychology
Personality Development
Psychology of Adolescence and Impact of Media
Eco Feminism
Green Economics
Women's Studies

Organizational Behaviour
Contemporary Issues
Communicative English
English for Competitive Examinations
English for the Workplace
Journalistic Writing
Basic Theatre Skills
Introduction to Translation
Business English
Fabric Art
Collage - Practical
Jewellery from Alternate Material - Practical
Still Life Composition - Practical
Basic Mathematics
Operations Research
Graph Theory and its Applications
Applied Statistics
Discrete Mathematics
Mathematics for Competitive Examinations
Basics of Photography
Digital Electronics
Photography
Home Electrical Installations
Astrophysics
Quantitative Skills for Competitive Examinations
Chemistry in Everyday Life
Cosmetics and Personal Care
Detection of Food Adulteration
Drugs and Diseases
Developing Entrepreneurial Initiatives
Herbal Therapy
Fruit Preservation
Fundamentals of Horticulture
Waste Management
Plants in Everyday Life
Pet Care
Concepts in Animal Welfare
Genes - Diseases - Society
Nutrition and Diet Therapy
Biology of Human Reproduction
Banking Practices
Financial Services
Personnel Management
Accounting Practices
Advertising and Salesmanship
Business Leadership
Human Resource Management
Salesmanship
Contemporary Advertising
Fundamentals of C Programming

Advanced Office Management
 Web Page Designing
 Animation - Multimedia Tools
 Programming with Perl
 UN Systems for Development and Social Change
 Human Rights and Justice Issues
 Corporate Social Responsibility and Social Entrepreneurship
 Marriage and Family Life Education
 Ecology and Sustainable Development
 Basic Tamil - I & II
 Advanced Tamil - I & II
 Medai Pechchu
 Pataipu Illakiyam
 Nattuppura Iyal
 Suttrula
 French for Beginners
 Hindi for Beginners
 Spoken Hindi
 Natyasastram
 Stress Management in Ancient Sanskrit Works
 Appreciation of Indian Performing Arts & Painting

Social Awareness Programme / Service Learning

Heritage Awareness
 Rural Realities
 Child Welfare
 Art for Children
 Pollutants and Adulterants
 Plants and People
 Health and Hygiene
 Care of the Differently Abled
 Computer Basics for the Differently Abled

VALUE EDUCATION

Christian Perspectives

- * Values in Personal Life
- * Values in Family and Social Life
- * Building a Humane and Just Society

Ethics

- * Values in Personal Life
- * Values in Family and Social Life
- * Building a Humane and Just Society

POSTGRADUATE PROGRAMMES

SHIFT - I (7.50 AM - 12.55 PM)

A) OFFERED UNDER THE AIDED SECTION

DEGREE	DISCIPLINE	YEARS	ELIGIBILITY/ REQUIREMENTS	PRESCRIBED FEES
M.A.	ECONOMICS	2	B.A. Economics (or) equivalent as directed by the University of Madras	
M.A.	ENGLISH	2	B.A. English (or) B.A. / B.Sc. with Part II English	
M.A.	HISTORY OF FINE ARTS * Specialisation in Textile Design or Graphic Design	2	B.Sc. Interior Design and Decoration (or) B.A. History of Fine Arts & Drawing & Painting (or) Any Undergraduate Degree accepted by the University	
M.S.W.	MASTER OF SOCIAL WORK Areas of Concentration <ul style="list-style-type: none"> • Child Rights and Practice with Families • Social Work Practice in Health Settings • Development Issues and Social Work Practice 	2	Any Bachelor's Degree Must be able to read and speak Tamil	
M.Sc.	MATHEMATICS	2	B.Sc. Mathematics / Applied Science or equivalent accepted by the University	

B) OFFERED UNDER THE SELF - FINANCING SECTION

SHIFT - II (12.00 PM - 5.30 PM)

DEGREE	DISCIPLINE	YEARS	ELIGIBILITY/ REQUIREMENTS	PRESCRIBED FEES
M.A.	PUBLIC RELATIONS	2	Any Bachelor's Degree	
M.A.	INTERNATIONAL STUDIES	2		
M.Com.	COMMERCE	2	B.Com. Degree	
M.Sc.	CHEMISTRY	2	B.Sc. Chemistry (or) any Degree accepted by the University of Madras	
M.Sc.	BIOTECHNOLOGY	2	Bachelor's Degree 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 and B.V.Sc.	
M.Sc.	BIOINFORMATICS	2	Bachelor's Degree in any one of the following disciplines: Mathematics, Physics, Chemistry, Botany, Zoology, Biochemistry, Biotechnology, Computer Science, Microbiology, Agriculture, Nutrition and Dietetics, B.V.Sc., M.B.B.S., B.D.S. and B.E.	
M.Sc.	INFORMATION TECHNOLOGY	2	B.Sc. Information Technology/ Mathematics/ Statistics Business Mathematics/ Business Statistics/ Applied Science / B.C.A.	
PGDCS	POST GRADUATE DIPLOMA IN COMPUTER SCIENCE	1	Any Bachelor's Degree with Mathematics in the Higher Secondary or an equivalent exam	

MASTER OF ARTS - M.A.

BRANCH III - ECONOMICS

Core Courses

Micro Economic Analysis - I & II
 Monetary Economics
 Development Economics
 Research Methodology, Computer Applications - I & II
 International Trade
 Public Economics
 Macro Economics - I & II
 Environmental Economics - I & II
 Gender Economics
 Human Resource Development
 Dissertation

Elective Courses

Managerial Economics / Human Resource Management
 Mathematical Methods / Agricultural Economics
 Econometrics / Marketing

Summer Internship

Independent Study Courses

Globalization
 Financial Institutions & Markets in India

BRANCH VII - ENGLISH

Core Courses

British Literature - I, II, III
 American Literature: Modernism and After
 Dalit Literature
 Women's Writing
 Linguistics
 Contemporary Critical Theory
 Postcolonial Studies
 Indian Literature in Translation
 Research Methodology
 Modern Indian Literature in English
 The Bhakti Tradition
 Shakespeare
 Dissertation

Elective Courses

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

Summer Internship

Independent Study Course

Poetry of the Romantic Age

BRANCH X - HISTORY OF FINE ARTS

Core Courses

Visual Culture
Design History
Drawing
Design Orientation
Photography and Filmmaking
Design Culture

Core Specialisation Courses

OPTION I

TEXTILE DESIGN

Design for Textiles
Weaving
Print Design
Weave Design
Textile Products
Textile in India
Textile Art
Design Development
Textile Research Writing

OPTION II

GRAPHIC DESIGN

Illustration
Typography
Publishing Design
Packaging Design
Web Page Layout and Design
Corporate and Brand Identity
Advertising
Media and Promotional Design
Design Research Writing

Elective Courses

OPTION I

TEXTILE DESIGN

Fabric Studies
Surface Embellishment
Marketing and Merchandising

OPTION II

GRAPHIC DESIGN

Photography for Advertising
Communication Design
Marketing

Summer Internship

Independent Study Courses

Concise History of Art
Creative Painting

INTERNATIONAL STUDIES

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
American Foreign Policy
International Organizations
Human Rights
Conflict and Cooperation in South Asia
The International Order in the Asia Pacific
Dissertation

Elective Courses

International Terrorism

Government and Politics of Middle East

Introduction to Peace and Conflict Studies / Global
Environmental Policy and Issues

Summer Internship

Independent Study Courses

Third World Development and Challenges
Introduction to Political Thought

PUBLIC RELATIONS

Core Courses

Basics of Public Relations
Community Relations
Interpersonal Communication
Marketing Management
Public Relations in the Corporate Sector
Customer Relations
Group Communication
Public Relations in the Service Sector
Employee Relations
Mass Communication
Public Relations in the Government
PR Campaign on a Social Issue using PR tools
Dissertation
Government Relations

Elective Courses

Advertising Management, Tools of Communication for PR
Global Public Relations / Human Resource Management

Independent Study Course

Communication Tools for Public Relations

Summer Internship : Corporate / Service Sector

Internship : NGO / Government Organisation

MASTER OF SCIENCE - M.Sc.

BRANCH I - MATHEMATICS

Core Courses

Modern Algebra
Real Analysis
Mechanics
Ordinary Differential Equations
Linear Algebra
Measure Theory and Integration
Topology
Complex Analysis
Mathematical Statistics
Graph Theory
Continuum Mechanics
Functional Analysis
Partial Differential Equations
Differential Geometry
Dissertation

Elective Courses

Algorithm and Programming / Number Theory and Cryptography

Tensor Analysis and Special Theory of Relativity / Fuzzy Set Theory

Fluid Dynamics / Mathematical Modeling

Summer Internship

Independent Study Course

Probability and Random Processes

BRANCH IV - CHEMISTRY

Core Courses

Organic Reaction Mechanisms and Stereochemistry

Structural Inorganic Chemistry

Research Methodology

Inorganic Qualitative and Quantitative Analysis - Practical

Analytical Instrumentation

Quantum Chemistry and Group Theory

Analytical Instrumentation - Practical

Organic Separation and Analysis - Practical

Molecular Spectroscopy

Advanced Physical Chemistry

Organic Synthesis and Purification - Practical

Physical Chemistry - Practical

Coordination Chemistry

Synthetic Organic Chemistry and Natural Products

Dissertation

Elective Courses

Industrial Waste Management / Polymer Materials and Applications

Biochemistry

Nanochemistry

Summer Internship

Independent Study Courses

Industrial Chemistry and Management

Chemistry of Natural Products

BIOTECHNOLOGY

Core Courses

Biochemistry

Microbiology

Cell and Molecular Biology

Biochemistry and Microbiology - Practical

Cell and Molecular Biology - Practical

Cloning Vectors and Genetic Engineering

Cloning Vectors and Genetic Engineering - Practical

Animal and Plant Biotechnology

Animal and Plant Biotechnology - Practical

Bioprocess and Enzyme Technology

Immunotechnology

Bioprocess and Enzyme Technology - Practical

Immunotechnology - Practical

Instrumentation

Stem Cell Technology

Dissertation

Elective Courses

Research Methodology and Bioethics

Biophysics and Biostatistics

Genomics and Proteomics

Summer Internship

Independent Study Courses

Genetics and Plant Breeding

Tissue Engineering

BIOINFORMATICS

Core Courses

Biochemistry

Database Management Systems

C++ for Bioinformatics

Biophysics

Molecular Biology

Molecular Biology - Practical

Basic Bioinformatics

Basic Bioinformatics - Practical

Genomics and Proteomics

Perl

Algorithms for Bioinformatics

Molecular Modeling and Computer Aided Drug Designing

Recent Advances in Bioinformatics

Data Mining and Machine Learning

Dissertation

Elective Courses

Biostatistics / Cell Biology and Genetics

Research Methodology and Scientific Communication

Introduction to Clinical Research Management

Summer Internship

Independent Study Courses

Python

Systems Biology

INFORMATION TECHNOLOGY

Core Courses

Algorithms and Data Structures

Database Management Systems

Operating Systems

Web Programming

Object Oriented Programming with Java

XML and Web Services
Object Oriented Systems Development using UML
Network Management and Administration
Visual Programming
Advanced Programming - J2EE
Software Testing
LINUX Programming
Research Methodology
Dissertation

Elective Courses

Multimedia Systems
Advanced Programming with C
Geographical Information Systems
Data Mining and Warehousing
Mobile Computing

Summer Internship

Independent Study Courses

Cyber Technology and Society
Game Theory and Strategy

MASTER OF COMMERCE - M.Com.

Core Courses

Marketing Management
Organizational Behaviour
Cost Determination and Cost Control
Business Ethics
Buyer Behaviour
Human Resource Management
Financial Management
Research Methodology
Service Marketing
Corporate Accounting and Restructure
Business Taxation
Accounting for Managerial Decisions
Training and Development
Entrepreneurial Development
Dissertation

Elective Courses

Managerial Economics / Insurance and Risk Management
Computer Applications in Business / Automated Accounting Practices
Advertising / Retail Management

Summer Internship

Independent Study Course

Business Policies

MASTER OF SOCIAL WORK - M.S.W.

Core Courses

Social Work Profession - History, Philosophy and Ideologies

Social Work with Individuals
Social Work with Groups
Field Work - I, II, III, IV
Community Organization and Social Action
Social Work Research and Statistics
Management for Non Profit Organizations
Child Rights / Medical Social Work / Development Planning and Administration / Family Social Work / Mental Health & Social Work / Rural and Tribal Community Development
Youth Development / Community Health / Urban Community Development
Counselling - Theory and Practice
Dissertation

Elective Courses

Sociology for Social Work
Psychology for Social Work
Integrated Practice in Social Work
Human Rights and Social Work
Gender and Development

Skills Workshop

Alternate Media Skills
Health Education and Communication

Independent Study Course

Disaster Management

Internship

Block Placement

Interdisciplinary Postgraduate Elective Courses

Contemporary Economic Issues
Data Analysis using SPSS Software
English for Communication
Introduction to Translation Studies
Introduction to Technical Writing
Business English Certificate
Textile Dyeing and Printing
Creative Design
Globalization
World Affairs
Introduction to Public Relations
Public Relations for Professionalism
Basic Mathematical Methods
Quantitative Techniques for Management
Discrete Mathematics
Operations Research
Research in Statistics
Entrepreneurial Skills
Medicines and Healthcare
Applications of Biotechnology
Environmental Biotechnology
Cheminformatics

Immunoinformatics and Pharmacology
Advanced Office Tools
Multimedia
Web Designing
Essentials of Marketing
Human Resource Management
Personal Distinctiveness
Beginner's French
Professional French

Social Awareness Programme / Service Learning

Rural Realities
Child Welfare
Learning from the Community
Welfare of the Aged
Food Adulteration and Water Pollution
Computer Tools for the Underprivileged
Creative Crafts

VALUE EDUCATION

Christian Perspectives

- * Values and Competencies
- * Women in Family and Society
- * Values for Harmonious Living

Ethics

- * Values and Competencies
- * Women in Family and Society
- * Values for Harmonious Living

M.Phil. PROGRAMMES

ECONOMICS

Core Courses

Research Methodology
Economic Theory
Dissertation

Specialization

Human Development

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
Dissertation

Optional Courses

Section I Writing from the Margin
Section II Writing Women
Section III Translation Studies

MATHEMATICS

Core Courses

Algebra and Analysis
Topology and Geometry
Dissertation

Optional Courses

Advanced Algebra
Fuzzy Set Theory, Fuzzy Logic and Applications
Graph Theory
Functional Analysis
Fluid Dynamics
Operations Research Techniques
Stochastic Modeling

SOCIAL WORK

Core Courses

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

POST GRADUATE DIPLOMA IN COMPUTER SCIENCE - PGDCS

Programming with C
Programming with C - Practical
Visual Programming
Visual Programming - Practical
Computer Organization and Network Fundamentals
Computer Concepts & Office Tools - Practical
Algorithm and Data Structures
Network Concepts
Programming with Java
Programming with Java - Practical
Multimedia Systems
Project

ENGLISH LANGUAGE & LIFE SKILLS PROGRAMME

This is a self-financing Certificate Course for Higher Secondary and Graduate students who have passed out in regional languages in order to improve their English language skills and life skills, to face the challenges of a competitive world.

Part I - English language Skills

Part II - Life Skills

Part III - Interpersonal relationship and communication skills.

ADMISSION PROCEDURE

1. Application forms for admission to the B.A. / B.Sc. / B.Com. / B.Com. (CS) / B.C.A. / B.V.A. / B.S.W. and M.A / M.Sc. / M.Com. / M.S.W. / PGDCS / DMLT programmes will be issued by the Indian Overseas Bank Branch at Stella Maris College on payment of the fee in cash.

Note : The College & hostel prospectus and application forms can also be accessed online at www.stellamariscollege.edu.in

2. The admission procedure will begin 10 days after the publication of Higher Secondary results.
3. a) Provisionally selected candidates for B.A. / B.Sc. / B.Com./ B.Com. (CS)/ B.C.A. / B.V.A. / B.S.W. and M.A. / M.Sc. / M.Com./ M.S.W. / PGDCS / DMLT courses will be called for an interview.
b) Requests for deferring the date of interview will not be considered.
c) No information will be sent to the candidates who have not been selected for the interview.
d) Admission status will be posted on the College website.
4. Selected candidates must pay the prescribed fees and submit the following certificates, in ORIGINAL on or before the date indicated on the website.

The name of the candidate and date of birth should be identical in all the original certificates. No correction or overwriting is permitted without attestation / signature of proper authority.

For students of the Tamil Nadu Higher Secondary Board / CBSE / ISC / Other Boards

- a. STD X - Statement of Marks
- b. STD XII or equivalent Certificate
- c. Pass Certificate (for CBSE and ISC Boards)
- d. Transfer Certificate and Conduct Certificate
- e. Community Certificate in the case of MBC / OBC / DNC / BC / SC / ST
- f. Certificate of proof for the differently abled / Sports / NCC / Ex-servicemen etc.

Note : At the time of admission students of other Boards (within / outside India) should also furnish the following :

- * Provisional Eligibility Certificate from the University of Madras
- * **Foreign students should produce photocopies of their Passport and Visa.**

Postgraduate students will also be required to submit the following :

- a. Statement of Marks (semester / year) of their Undergraduate Programme of study
- b. Consolidated Statement of Marks or Cumulative Marks Statement of undergraduate programme of study (in the case of candidates from Autonomous Colleges)
- c. Undergraduate Degree Provisional Certificate issued by the University
- d. Eligibility Certificate from the University of Madras (in the case of candidates from other Universities)

For students applying to the M.A. Public Relations Programme

Applicants should submit photocopies of the following:

1. Additional certificates or diplomas obtained
2. Prizes / Participation certificates in seminars, workshops and competitions
3. Co-curricular or extra curricular activities like NSS, NCC, Games and others
4. Volunteer Activities, Social Services, Field Work or any other
5. Project Reports, Research Reports, and Paper presentations

All the above achievements will be considered for value addition and given weightage during the selection process.

NOTE

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

For the attention of foreign students

All foreign students must hold a regular long-term student visa issued by an Indian Embassy abroad and submit photocopies of the same.

With effect from the academic year 2004-2005, admission of foreign students is subject to prior approval by the University of Madras. The University will process applications and accord permission, subject to clearance by the Ministries of HRD and External Affairs, Govt. of India.

HOSTEL

A limited number of seats are available in the hostel. Applicants are informed that hostel applications should be submitted along with the College application form. **Admission to the College does not necessarily guarantee admission to the College hostel.**

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 salwar kameez, full length jeans with kurtas and sari. Sleeveless attire is not permitted.
- Students are not permitted to participate in fashion shows, modelling or talk shows and other TV programmes without prior permission from the Principal.
- **Cellphones:** Use of cellphones is banned on campus. Violation of this rule will result in confiscation of the phone and a fine.

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/-

CHECKLIST

1. Printed application form with photograph, duly signed by the candidate and the parent
2. Copy of the original Higher Secondary / equivalent mark sheet **or a copy of the internet mark sheet** duly attested by the head of the institution last attended
3. Copy of blood group report

4. If Catholic, copy of the Baptism Certificate
5. If differently abled, copy of Identity Card
6. If a parent is ex-service personnel, Identity Card of the parent
7. One copy of all certificates required for the specific course chosen by the candidate mentioned in the Prospectus. (Refer Page No.15)
8. In case of those applying for hostel accommodation, the original hostel application should be submitted along with the College application and a copy of the hostel application should be sent directly to **The Hostel Warden**, Stella Maris College, 17, Cathedral Road, Chennai 600 086, along with a copy of the mark sheet.
9. Completed Computer-coding sheet
10. **The coding sheet should be filled legibly and no column should be left blank. An incomplete computer coding sheet will make the application invalid. The computer-coding sheet should be attached to the application form.**

All communication should be addressed to The Principal, Stella Maris College, 17 Cathedral Road, Chennai - 600086. Please quote the application number for any further reference.



IF THE INSTITUTE IS MY WORK, IT WILL PERISH WITH ME;
BUT IF IT IS GOD'S WORK, IT WILL FLOURISH

BLESSED MARY OF THE PASSION
FOUNDER, FRANCISCAN MISSIONARIES OF MARY

