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

(RE-accredited by NAAC with an ‘A’ Grade and a CGPA of 3.68 on a 4 point scale)
**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)**

<table>
<thead>
<tr>
<th>Degree</th>
<th>Discipline</th>
<th>Duration</th>
<th>Subjects required in Higher Secondary</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.A.</td>
<td>History and Tourism</td>
<td>3 yrs.</td>
<td>Any group in Higher Secondary</td>
</tr>
<tr>
<td>B.A.</td>
<td>Sociology</td>
<td>3 yrs.</td>
<td></td>
</tr>
<tr>
<td>B.A.</td>
<td>Economics</td>
<td>3 yrs.</td>
<td></td>
</tr>
<tr>
<td>B.A.</td>
<td>English</td>
<td>3 yrs.</td>
<td></td>
</tr>
<tr>
<td>B.V.A.</td>
<td>Visual Arts</td>
<td>4 yrs.</td>
<td>Mathematics and Physics</td>
</tr>
<tr>
<td></td>
<td>* Specialisation in Painting or Design</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.Sc.</td>
<td>Mathematics</td>
<td>3 yrs.</td>
<td>Physics, Mathematics &amp; Chemistry</td>
</tr>
<tr>
<td>B.Sc.</td>
<td>Physics</td>
<td>3 yrs.</td>
<td>Chemistry, Physics &amp; Mathematics</td>
</tr>
<tr>
<td>B.Sc.</td>
<td>Chemistry</td>
<td>3 yrs.</td>
<td>Biology, Chemistry &amp; Microbiology (or) Botany, Zoology, Chemistry / Biotechnology</td>
</tr>
<tr>
<td>B.Sc.</td>
<td>Plant Biology &amp; Plant Biotechnology</td>
<td>3 yrs.</td>
<td>Zoology, Botany, Chemistry/ Biotechnology</td>
</tr>
<tr>
<td>B.Com.</td>
<td>Commerce</td>
<td>3 yrs.</td>
<td></td>
</tr>
</tbody>
</table>
B) OFFERED UNDER THE SELF - FINANCING SECTION

SHIFT - II (12.00 PM - 5.30 PM)

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

PREScribed Fees

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
- Journalism 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 Electives 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

Allied Core Courses
Cell Biology
Microbiology
Ecology and Environmental Biotechnology
Cell Biology, Microbiology, Ecology and Environmental Biotechnology - 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

<table>
<thead>
<tr>
<th>Option I</th>
<th>Option II</th>
<th>Option III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finance &amp; Taxation</td>
<td>Management &amp; Marketing</td>
<td>Office Management</td>
</tr>
<tr>
<td>Advanced Cost Accounting</td>
<td>Human Resource Management</td>
<td>Office Management</td>
</tr>
<tr>
<td>Taxation - I</td>
<td>Consumer Behaviour</td>
<td>Office Practices</td>
</tr>
<tr>
<td>Taxation - II</td>
<td>Organizational Behaviour</td>
<td>Office Communication</td>
</tr>
<tr>
<td>Portfolio Management</td>
<td>Retail Marketing</td>
<td>Automated Accounting Practices</td>
</tr>
<tr>
<td>Advanced Corporate Accounting</td>
<td>Marketing</td>
<td>Personal Tax Assessment</td>
</tr>
<tr>
<td></td>
<td>Communication</td>
<td></td>
</tr>
</tbody>
</table>

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 Secretarship

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

- 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
Biological 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
### POSTGRADUATE PROGRAMMES

#### SHIFT - I  (7.50 AM - 12.55 PM)

**A) OFFERED UNDER THE AIDED SECTION**

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>DISCIPLINE</th>
<th>YEARS</th>
<th>ELIGIBILITY/ REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.A.</td>
<td>ECONOMICS</td>
<td>2</td>
<td>B.A. Economics (or) equivalent as directed by the University of Madras</td>
</tr>
<tr>
<td>M.A.</td>
<td>ENGLISH</td>
<td>2</td>
<td>B.A. English (or) B.A. / B.Sc. with Part II English</td>
</tr>
<tr>
<td>M.A.</td>
<td>HISTORY OF FINE ARTS</td>
<td>2</td>
<td>B.Sc. Interior Design and Decoration (or) B.A. History of Fine Arts &amp; Drawing &amp; Painting (or) Any Undergraduate Degree accepted by the University</td>
</tr>
<tr>
<td>M.S.W.</td>
<td>MASTER OF SOCIAL WORK</td>
<td>2</td>
<td>Any Bachelor’s Degree Must be able to read and speak Tamil</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>MATHEMATICS</td>
<td>2</td>
<td>B.Sc. Mathematics / Applied Science or equivalent accepted by the University</td>
</tr>
</tbody>
</table>

**PREScribed Fess**

- 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
B) OFFERED UNDER THE SELF - FINANCING SECTION

SHIFT - II  (12.00 PM - 5.30 PM)

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>DISCIPLINE</th>
<th>YEARS</th>
<th>ELIGIBILITY/ REQUIREMENTS</th>
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<tbody>
<tr>
<td>M.A.</td>
<td>PUBLIC RELATIONS</td>
<td>2</td>
<td>Any Bachelor’s Degree</td>
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<tr>
<td>M.A.</td>
<td>INTERNATIONAL STUDIES</td>
<td>2</td>
<td>Any Bachelor’s Degree</td>
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<tr>
<td>M.Com.</td>
<td>COMMERCE</td>
<td>2</td>
<td>B.Com. Degree</td>
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<tr>
<td>M.Sc.</td>
<td>CHEMISTRY</td>
<td>2</td>
<td>Bachelor’s Degree in any one of the following disciplines:</td>
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<td>Biotechnology, Microbiology, Botany, Plant Biology and Plant</td>
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<td>Biotechnology, Zoology, Chemistry, Physics, Biochemistry,</td>
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<td>Agriculture, Biology, and B.V.Sc.</td>
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<tr>
<td>M.Sc.</td>
<td>BIOTECHNOLOGY</td>
<td>2</td>
<td>Bachelor’s Degree in any one of the following disciplines:</td>
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<td>Agriculture, Nutrition and Dietetics, B.V.Sc., M.B.B.S., B.D.S.</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>BIOINFORMATICS</td>
<td>2</td>
<td>B.Sc. Information Technology/ Mathematics/ Statistics</td>
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<td>Business Mathematics/ Business Statistics/ Applied Science /</td>
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<td>B.C.A.</td>
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<tr>
<td>PGDCS</td>
<td>POST GRADUATE DIPLOMA IN COMPUTER SCIENCE</td>
<td>1</td>
<td>Any Bachelor’s Degree with Mathematics in the Higher Secondary</td>
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<td>or an equivalent exam</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>OPTION I</th>
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</thead>
<tbody>
<tr>
<td>TEXTILE DESIGN</td>
<td>GRAPHIC DESIGN</td>
</tr>
<tr>
<td>Design for Textiles</td>
<td>Illustration</td>
</tr>
<tr>
<td>Weaving</td>
<td>Typography</td>
</tr>
<tr>
<td>Print Design</td>
<td>Publishing Design</td>
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<tr>
<td>Weave Design</td>
<td>Packaging Design</td>
</tr>
<tr>
<td>Textile Products</td>
<td>Web Page Layout and Design</td>
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<tr>
<td>Textile in India</td>
<td>Corporate and Brand Identity</td>
</tr>
<tr>
<td>Textile Art</td>
<td>Advertising</td>
</tr>
<tr>
<td>Design Development</td>
<td>Media and Promotional Design</td>
</tr>
<tr>
<td>Textile Research Writing</td>
<td>Design Research Writing</td>
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</tbody>
</table>

Elective Courses

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<tr>
<td>Fabric Studies</td>
<td>Photography for Advertising</td>
</tr>
<tr>
<td>Surface Embellishment</td>
<td>Communication Design</td>
</tr>
<tr>
<td>Marketing and Merchandising</td>
<td>Marketing</td>
</tr>
</tbody>
</table>

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

Dissertation
- 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

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Summer Internship

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 Course
- 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

Elective Courses
- Biotechnology
- Bioprocess and Enzyme Technology - Practical
- Immunotechnology - Practical
- Instrumentation
- Stem Cell Technology
- Dissertation

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