BSc Mathematics

CBCS - PROGRAMME STRUCTURE

The minimum required Credits for different B.A/B.Sc/B.Com. Courses for the award of the Degree in the CBCS stream: BA, B.Sc B.Com

Accumulated minimum Credits required	120 credits	120 credits
Minimum Credits for Language Courses	33 credits	22 credits
Minimum Credits required for Foundation Courses	5 credits	5 credits
Credits required for Core Courses including Dissertation	50-56 credits	61 credits
Credits required for Complementary Courses	22-28 credits	12 credits
Minimum Credits required forOpen Courses / Electives	4 credits	20 credits
Minimum Credits for Social Service/Extension activity	1 credit	1 credit

BREAKUP OF CREDITS FOR   FDP UNDER CBCS STREAM

Category of Courses	No.	Credits
(1) Language Courses	9	33
(2) Foundation Courses	2	5
(3) Core Courses [including Project]	15	56
(4) Complementary Courses	8	22
(5) Open Courses	2	4
Total credits for a Programme	120	
Social Service/Extension activities	1	

BA/BSc/BCom Programmes: CBCS Stream   (Choice Based Credit and Semester Stream)
Compulsory Courses

Language Course I
English (Semesters 1, 2, 3& 4)

Language Course II (Additional Language)
Malayalam/Hindi/ Tamil/French/Syriac(Semesters 1, 2, 3& 4)

Open/ Elective Courses (Compulsory)   Semester 5

Semester 1
[2016 Admissions]

Language Course: English
AUEN111.2 Listening, Speaking and Reading

Additional language Course:
AUFR111.2 Communication skills in French
AUHN111.2 Prose and Grammar
AUML111.2 MalayalaKavitha
AUSY111.2 Syriac Poetry, Grammar and History of the Literature
AUTM 111.2 Puzhanku Tamil (Communicative Skills in Tamil)

Foundation Course-I
AUEN121.2 Writings on Contemporary Issues

Core Course
AUMM 141 Methods of Mathematics

Complementary Courses
AUPY131.2c Mechanics and Properties of Matter
AUHY131.2cDescriptive Statistics and Introduction to Probability

Semester 2
[2016 Admissions]

Language Courses: English
AUEN 211.2 Environmental Studies
AUEN 212.2 Modern English Grammar and Usage

Additional language Courses:
AUHN 211.2 Fiction and Literary Analysis
AUML211.2 Gadhyasahithyam
AUTM 211.2 Ilakkiya Tamil
AUSY 211.2 Syriac Poetry, Grammar and History of the Literature (Post Golden Age)
AUFR 211.2 Translation and Communication in French
Foundation Course-I
AUMM 221   Foundations of Mathematics

Complementary Courses
AUPY 231.2 Heat and Thermodynamics
AUST 231.2c Random Variables

Semester 3
[2015 Admissions]

Language Course: English
AUEN311.2 Writing and Presentation Skills

Additional language Course:
AUHN 311.2 Drama One Act Plays and Translation
AUFR 311.2 Literature in French
AUML 311.2 Drishyakalasahithyam
AUSY311.2 Syriac Prose, Grammar and History of the Syrian Church in India
AUTM311.2 Tamilar Naagarigamum Panpaadum

Core Course
AUMM341 Algebra and Calculus I

Complementary Courses
AUST 331.2cProbability Distributions and Theory of Estimation (complementary)
 AUPY 331.2c Optics, Magnetism and Electricity (complementary)

Semester 4
[2015 Admissions]

Language Course: English
AUEN411.2 Readings in Literature

Additional language Course:
AUHN 411.2 Poetry, Long Poems and Culture
AUFR 411.2 French Culture and civilization
AUML 411.2 Vinimayam, Sargathmakarachana, Bhashavabotham
AUSY411.2 Prose, Grammar and History of the Syrian Church in India(Individual Churches)
AUTM411.2 Ariviyal Tamil

Core Course
AUMM441 Algebra and Calculus II

Complementary Courses
AUST 431.2c Testing of Hypotheses and Analysis of Variance
 AUPY431.2c Modern Physics and Electronics

Semester 5
[2014 Admissions]

Core Courses
AUMM541 Real Analysis-I
AUMM 542 Complex Analysis-I
AUMM 543 Differential Equations
AUMM 544 Vector Analysis
AUMM 545 Abstract Algebra I
AUMM 581.c Operations Research
Project /Dissertation

Semester 6
[2014 Admissions]

Core Courses
AUMM 641 Real Analysis-II
AUMM 642 Linear Algebra
AUMM 643 Complex Analysis- II
AUMM 644 Abstract Algebra- II
AUMM 64PI Computer Programming (Pract.)
AUMM 691.b Graph Theory(Elective)
AUMM 645 Project /Dissertation