**B Sc Mathematics**

**COURSE: B. Sc Mathematics**

[SEMESTER I](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-I.doc)

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| SL NO. | COURSE CODE | COURSE NAME |
|  1 | MM1B01 |  Core Course – Foundations of Mathematics |
|  2 | MP1C01  |  Complementary Course – Differential Calculus and Trigonometry |

[SEMESTER II](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-II.doc)

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| SL NO. | COURSE CODE | COURSE NAME |
|  1 |  MM2B01 |  Core Course – Analytic Geometry, Trigonometry and Matrices |
|  2 | MP2C01  |  Complementary Course – Integral Calculus and Matrices |

[SEMESTER III](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-III.doc)

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| SL NO. | COURSE CODE | COURSE NAME |
|  1 | MM3B01  |  Core Course – Calculus |
|  2 | MP3C01  | Complementary Course – Vector  Calculus, Differential Equations and Analytic Geometry  |

[SEMESTER IV](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-IV.doc)

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| SL NO. | COURSE CODE | COURSE NAME |
|  1 |  MM4B01 |  Core Calculus – Vector Calculus, Theory of Equations and Numerical Methods |
|  2 | MP4C01  |  Complementary Course –Fourier Series, Differential Equations, Numerical Methods and Abstract Algebra |

[SEMESTER V](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-V.doc)

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| SL NO. | COURSE CODE | COURSE NAME |
|  1 |  MM5B01 | Core Course – Mathematical Analysis  |
|  2 |  MM5B02 | Core Course – Differential Equations |
|  3 |  MM5B03 | Core Course – Abstract Algebra |
|  4 |  MM5B04 | Core Course – Fuzzy Mathematics  |
|  5 |  MM5D02 | Open Course – Applicable Mathematics   |

[SEMESTER VI](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-VI.doc)

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| SL NO. | COURSE CODE | COURSE NAME |
|  1 | MM6B01 |  Core Course – Real Analysis |
|  2 | MM6B02 |  Core Course – Complex Analysis |
|  3 | MM6B03 |  Core Course – Discrete Mathematics |
|  4 | MM6B04 |  Core Course – Linear Algebra and Metric Spaces |
|  5 | MM6B05 |  Project |
|  6 | MM6D03 |  Choice Based Course – Topology |