PROGRAMME:BSc Chemistry

[SEMESTER I](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-I-3.docx)

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| SL NO. | COURSE CODE | COURSE NAME |
|  1 |  CH1B01 |  Methodology of ChemistryAs a discipline of Science |
|  2 |  Practicals  CH1B01 |  Volumetric Analysis |
| 3 |  CH1C01 |  Complementary course for Physics, Zoology, Botany: Basic theoretical and analytical Chemistry |
| 4 | Practical CH1C01 | Basic theoretical and analytical Chemistry |

[SEMESTER II](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-II-3.docx)

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| SL NO. | COURSE CODE | COURSE NAME |
|  1 |  CH2B01 |  Theoretical and InorganicChemistry |
|  2 |  Practicals  CH2B01 |  Volumetric Analysis |
|  3 |  CH2C01 | Complementary course for Physics, Zoology, Botany: Basic Organic Chemistry |
| 4 | Practicals  CH2C02 | Volumetric Analysis |

[SEMESTER III](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-III-3.docx)

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| SL NO. | COURSE CODE | COURSE NAME |
|  1 |  CH3B01 |  Fundamentals of OrganicChemistry |
|  2 |  Practicals CH3B01 |  Qualitative organic analysis |
|  3 | CH3C01.1 |  Complementary course for Physics: Advanced Physical Chemistry-I |
|  4 |   |   |
| 5 | CH3C01.2 |  Complementary course for Zoology and Botany:Advanced Inorganic and Organic Chemistry |
| 6 |   |   |

[SEMESTER IV](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-IV-3.docx)

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| SL NO. | COURSE CODE | COURSE NAME |
|  1 |  CH4B01 |  Basic Organic Chemistry I |
|  2 |  Practicals CH4B01 |  Qualitative organic analysis |
|  3 |  CH4C01.1 |  Complementary course for Physics:Advanced Physical Chemistry-II |
| 4 |  Practical CH4C02.1  |  Physical Chemistry Practical |
| 5 |  CH4C01.2  |  Complementary course for Zoology and Botany:Advanced Bio-organic Chemistry |
| 6 |  Practical CH4C02.2  |  Organic Chemistry Practicals  |

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

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| SL NO. | COURSE CODE | COURSE NAME |
|  1 |  CH5B01 | Chemistry of d and f block elements |
|   | Practical CH5B01 | Qualitative Inorganic Analysis |
|  2 | CH5 B02 | Basic Organic Chemistry -II |
|   |  Practical CH5B02 | Preparation and basic Lab Skills |
|  3 |  CH5 B03 | States of matter |
|   |  Practical CH5B03 | Physical Chemistry Practical |
|  4 |  CH5 B04 | Quantum Mechanics and Spectroscopy |
|  5 |  CH5D01 | Open Course |

[SEMESTER VI](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-VI-2.docx)

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| SL NO. | COURSE CODE | COURSE NAME |
|  1 |  CH6B01 |  Applied Inorganic Chemistry |
|  2 | Practical CH6B01 | Qualitative Inorganic Analysis |
|  3 |  CH6B02 | Chemistry of Natural Products and Biomolecules |
|  4 |  Practical CH6B02 | Preparation and basic Lab Skills |
|  5 |  CH6B03 | Equilibrium and kinetics |
|  6 |  Practical CH6B03 | Physical Chemistry Practical |
|  7 |  CH6B04 | Solution chemistry |
| 8 | Practical CH6B05 | Gravimetric analysis |
| 9 | CH6B06 | Pharmaceutical Chemistry |