**B.Sc Physics**

**PROGRAMME: B.Sc.** **Physics**

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

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| **SL NO.** | **COURSE CODE** | **COURSE NAME** |
| 1 | PH1B01U | Core Course: Methodology in  PhysicsPractical |
| 2 | MT1C01U | Complementary Course: Properties of Matter, Mechanics and Fourier analysisPractical |
|  3 | CH1C01U | Complementary Course: Properties of Matter, Mechanics and Particle PhysicsPractical |
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[**SEMESTER II**](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-II-2.docx)

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| **SL NO.** | **COURSE CODE** | **COURSE NAME** |
| 1 | PH2B01U | Core Course: Mechanics and Properties of MatterPractical |
| 2  | MT2C01U  | Complementary Course: Electric and Magnetic Phenomena, Thermodynamics and Specialtheory of RelativityPractical |
| 3 | CH2C01U | Complementary Course: Electric and MagneticPhenomena, Thermodynamics andElementary Solid State PhysicsPractical |

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

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| **SL NO.** | **COURSE CODE** | **COURSE NAME** |
| 1 | PH3B01U | Core Course: ElectronicsPractical |
| 2 | MT3C01U | Complementary Course: Quantum Mechanics, Spectroscopy, Nuclear Physics, Basic Electronics and DigitalElectronicsPractical |
| 3 | CH3C01U | Complementary Course: Quantum Mechanics, Spectroscopy, Nuclear Physics    and ElectronicsPractical |

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

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| **SL NO.** | **COURSE CODE** | **COURSE NAME** |
| 1 |  PH4B01U | Core Course: Electricity and ElectrodynamicsPractical |
| 2 | MT4C01U | Complementary Course: Physical Optics, Laser Physics and AstrophysicsPractical |
| 3 | CH4C01U | Complementary Course: Physical Optics, Laser Physics and SuperconductivityPractical |

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[**SEMESTER V**](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-V-1.doc)

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| **SL NO.** | **COURSE CODE** | **COURSE NAME** |
| 1 | PH5B01U | Core Course: Classical andQuantum MechanicsPractical |
| 2 | PH5B02U | Core Course: Physical Optics and PhotonicsPractical |
| 3 | PH5B03U | Core Course: Thermal and Statistical PhysicsPractical |
| 4 |  PH5B04U | Core Course: Digital ElectronicsPractical |
| 5 | PH5B05U | Project |
| 6 | PH5D01.1U |  Open course- Amateur Astronomy |

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[**SEMESTER VI**](http://www.stxaviersaluva.ac.in/wp-content/uploads/2017/02/Semester-VI-1.doc)

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| **SL NO.** | **COURSE CODE** | **COURSE NAME** |
| 1 | PH6B01U | Core Course: Computational PhysicsPractical |
| 2 | PH6B02U | Core Course: Nuclear and Particle PhysicsPractical |
| 3 | PH6B03U | Core Course: Condensed Matter PhysicsPractical |
| 4 | PH6B04U | Core Course: Relativity and Spectroscopy.Practical |
| 5 | PH6B05.2U | Choice Based Course- Information Technology |

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