**Semiconductors**

**and Electronics**

**Group**

**Optoelectronic Group**

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| **Courses of Optoelectronics Technology** | **Courses of Solid State Electronics** |
| **Optical Electronics****Introduction to Optoelectronic Technology****Optoelectronic Measurement and Analysis****Optoelectronic Experiment****Organic Optoelectronic Materials and Devices** **Optoelectronic Semiconductor Device****The Theory of Planar Display****Laser Optics****Fiber Optics****Energy Materials****Solar Cell****Modern Optics****Fourier Optics****Nonlinear Optics****Crystal Optics****Optics of Liquid Crystals** | **Introduction to Solid State Physics****Physics of Semiconductor Devices****Introduction to Quantum Mechanics****Introduction to Computational Physics****Nanomicroscopy and Nanolithography****Characterization and Analysis of** **Nanostructured Materials****Thin Film to Science and Technology****Vacuum Technology****Magnetic Technology and Applications****The Technology Semiconductor Industry****Magneto-optics****Physics of Carbon Nanotubes****Spintronics****Introduction to Electron Microscopy** |
| **Institute of Optoelectronics and Solid State Electronics Courses Frame Chart** |