



### **Courses of Optoelectronics Technology**

**Optical Electronics**  
**Introduction to Optoelectronic Technology**  
**Optoelectronic Measurement and Analysis**  
**Optoelectronic Experiment**  
**Organic Optoelectronic Materials and Devices**  
**Optoelectronic Semiconductor Device**  
**Laser Optics**  
**Fiber Optics**  
**Energy Materials**  
**Solar Cell**  
**Modern Optics**  
**Fourier Optics**  
**Nonlinear Optics**  
**Crystal Optics**  
**Optics of Liquid Crystals**

### **Courses of Solid State Electronics**

**Introduction to Solid State Physics**  
**Physics of Semiconductor Devices**  
**Introduction to Quantum Mechanics**  
**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**