

Physics Department

Syllabus Vocabulary

First Semester:

| No. | Subject Name | Number of Units |
|------------|----------------------------|------------------------|
| 1 | Statistical Physics | 2 |
| 2 | Mathematical Physics | 3 |
| 3 | Solid State Physics | 2 |
| 4 | Advanced Quantum Mechanics | 3 |
| 5 | Advanced Laser Physics | 2 |
| 6 | English Language | 1 |
| Sum. | | 13 |

Second Semester:

| No. | Subject Name | Number of Units |
|------------|---------------------------------|------------------------|
| 1 | Classical Electrodynamics | 3 |
| 2 | Advanced Nuclear Physics | 2 |
| 3 | Atomic and Molecular Spectra | 3 |
| 4 | Special Topic | 3 |
| 5 | Scientific Research Methodology | 1 |
| 6 | English Language | 1 |
| Sum. | | 13 |