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| University of Thessaly  School of Sciences Weekly courses schedule of Physics Department FALL/ SEMESTER 2025 -2026 | | | | | |
| 1st year/semester | | | | | |
| Hours | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| **8-9** |  |  |  |  | Physics Laboratory I (Data analysis, Mechanics) |
| **9-10** | Programming I (C Language) |  | General Physics I (Mechanics-Oscillations-Thermodynamics) | General Physics I (Mechanics-Oscillations-Thermodynamics) | Physics Laboratory I (Data analysis, Mechanics) |
| **10-11** | Programming I (C Language) |  | General Physics I (Mechanics-Oscillations-Thermodynamics) | General Physics I (Mechanics-Oscillations-Thermodynamics) | Physics Laboratory I (Data analysis, Mechanics) |
| **11-12** | Programming I (C Language) | Linear Algebra I – Analytic Geometry | General Physics I (Mechanics-Oscillations-Thermodynamics) |  | Physics Laboratory I (Data analysis, Mechanics) |
| **12-13** | Programming I (C Language) | Linear Algebra I – Analytic Geometry | General Physics I (Mechanics-Oscillations-Thermodynamics) |  |  |
| **13-14** |  | Linear Algebra I – Analytic Geometry |  |  |  |
| **14-15** |  |  |  |  |  |
| **15-16** | Calculus I | Calculus I | Calculus I |  |  |
| **16-17** | Calculus I | Calculus I | Calculus I |  |  |
| **17-18** | Calculus I |  |  |  |  |

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| 2nd year /3rd SEMESTER | | | | | |
| Hours | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| **8-9** |  |  |  |  |  |
| **9-10** | Theoretical Mechanics I | Theoretical Mechanics I |  |  | Physics Laboratory III (Electromagnetism-Optics) |
| **10-11** | Theoretical Mechanics I | Theoretical Mechanics I |  |  | Physics Laboratory III (Electromagnetism-Optics) |
| **11-12** | Differential Equations | Electromagnetism I (Electricity-Magnetism) |  |  | Physics Laboratory III (Electromagnetism-Optics) |
| **12-13** | Differential Equations | Electromagnetism I (Electricity-Magnetism) |  |  | Physics Laboratory III (Electromagnetism-Optics) |
| **13-14** |  |  |  |  | Theoretical Mechanics I |
| **14-15** |  |  |  |  | Theoretical Mechanics I |
| **15-16** |  |  |  |  | Electromagnetism I (Electricity-Magnetism) |
| **16-17** |  | Physics Laboratory III (Electromagnetism-Optics) |  |  | Electromagnetism I (Electricity-Magnetism) |
| **17-18** |  | Physics Laboratory III (Electromagnetism-Optics) |  |  |  |

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| 3rd YEAR  5th Semester | | | | | |
| Hours | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| **8-9** |  |  |  |  | Astrophysics I |
| **9-10** |  |  | Quantum Mechanics I | Quantum Mechanics I | Astrophysics I |
| **10-11** | Statistical Mechanics I | Statistical Mechanics I | Quantum Mechanics I | Quantum Mechanics I | Statistical Mechanics I |
| **11-12** | Statistical Mechanics I | Statistical Mechanics I |  | Astrophysics I | Statistical Mechanics I |
| **12-13** | Statistical Mechanics I | Statistical Mechanics I |  | Astrophysics I |  |
| **13-14** |  |  |  |  |  |
| **14-15** |  |  |  |  |  |
| **15-16** |  |  | Physics Lab V (Electronics) | Physics Lab V (Electronics) |  |
| **16-17** |  |  | Physics Lab V (Electronics) | Physics Lab V (Electronics) |  |
| **17-18** |  |  | Physics Lab V (Electronics) | Physics Lab V (Electronics) |  |
| **18-19** |  |  | Physics Lab V (Electronics) | Physics Lab V (Electronics) |  |

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| 4th YEAR 7th Semester DIRECTION: **THEORETICAL PHYSICS AND ASTROPHYSICS** | | | | | |
| Hours | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| **9-10** |  |  |  |  |  |
| **10-11** |  |  |  |  |  |
| **11-12** |  |  |  |  |  |
| **12-13** |  |  |  |  |  |
| **13-14** | Statistical Mechanics II | Statistical Mechanics II |  |  | Physics of Fluids |
| **14-15** | Statistical Mechanics II | Statistical Mechanics II |  | Physics of Fluids | Physics of Fluids |
| **15-16** |  |  | Astrophysics II | Physics of Fluids | Astrophysics II |
| **16-17** |  |  | Astrophysics II |  | Astrophysics II |
| **17-18** |  |  | Astrophysics II | Astrophysics Labortory |  |
| **18-19** |  |  |  | Astrophysics Labortory |  |

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| 7nth semester DIRECTION : NUCLEAR PHYSICS, PHYSICS OF ELEMENTARY PARTICLES AND PHYSICS OF PLASMA | | | | | |
| Hours | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| **8-9** |  |  |  |  |  |
| **9-10** | Accelerator Physics and Technology | Accelerator Physics and Technology | Physics of Fluids | Physics and Technology of Nuclear Reactors |  |
| **10-11** | Accelerator Physics and Technology | Accelerator Physics and Technology | Physics of Fluids | Physics and Technology of Nuclear Reactors |  |
| **11-12** | Nuclear Physics II | Nuclear Physics II |  | Elementary Particle Physics II | Elementary Particle Physics II |
| **12-13** | Nuclear Physics II | Nuclear Physics II |  | Elementary Particle Physics II | Elementary Particle Physics II |
| **13-14** |  |  |  |  |  |
| **14-15** |  |  |  |  |  |
| **15-16** |  |  |  |  |  |
| **16-17** |  |  |  |  |  |
| **17-18** |  |  |  |  |  |
| **18-19** |  |  |  | Radiation Matter Interaction | Radiation Matter Interaction |
| **19-20** |  |  |  | Radiation Matter Interaction | Radiation Matter Interaction |

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| 7nth semester DIRECTION: **CONDENSED MATTER PHYSICS**  Hours MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY | | | | | |
| **8-9** |  | Materials Science |  | Materials Science |  |
| **9-10** |  | Materials Science | Physics of Fluids | Materials Science |  |
| **10-11** |  |  | Physics of Fluids |  |  |
| **11-12** |  |  |  |  |  |
| **12-13** |  |  |  |  |  |
| **13-14** |  |  |  |  |  |
| **14-15** |  |  | Specialization Laboratory in Condensed Matter Physics | Physics of Fluids |  |
| **15-16** |  |  | Specialization Laboratory in Condensed Matter Physics | Physics of Fluids |  |
| **16-17** |  |  | Specialization Laboratory in Condensed Matter Physics |  |  |
| **17-18** |  |  | Specialization Laboratory in Condensed Matter Physics |  |  |
| **19-20** |  |  |  |  |  |

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| 7nth semester DIRECTION: APPLIED PHYSICS - ELECTRONICS PHYSICS | | | | | |
| Hours | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| **8-9** |  |  |  |  | Laser Physics I |
| **9-10** |  |  | Physics of Fluids | Programming III | Laser Physics I |
| **10-11** |  |  | Physics of Fluids | Programming III |  |
| **11-12** |  |  | Programming III | Programming III |  |
| **12-13** |  |  | Programming III |  |  |
| **13-14** |  | Atmospheric Physics | **Βασικές Έννοιες Λειτ. Συστ. & Δικτ. (72519Θ)** Εργ. Καταν. Συστ. & Δ. Αντωνής |  |  |
| **14-15** | Atmospheric Physics | Atmospheric Physics | **Βασικές Έννοιες Λειτ. Συστ. & Δικτ. (72519Θ)** Εργ. Καταν. Συστ. & Δ. Αντωνής | Physics of Fluids |  |
| **15-16** | Atmospheric Physics | Atmospheric Physics | Laboratory of Computerized Measurements and Automation | Physics of Fluids | Medical Physics |
| **16-17** | Atmospheric Physics | Optoelectronics | Laboratory of Computerized Measurements and Automation | Medical Physics | Medical Physics |
| **17-18** |  | Optoelectronics | Laboratory of Computerized Measurements and Automation | Medical Physics |  |
| **18-19** |  |  | Laboratory of Computerized Measurements and Automation |  |  |
| **19-20** |  |  | Optoelectronics | Laser Physics I |  |
| **20-21** |  |  | Optoelectronics | Laser Physics I |  |

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| **FREE ELECTIVE COURSES** | | | | | |
| Hours | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| **9-10** |  |  |  |  |  |
| **10-11** |  |  |  |  |  |
| **11-12** |  |  |  |  |  |
| **12-13** |  |  |  |  |  |
| **13-14** |  |  |  |  |  |
| **14-15** | Physics Education | History and Philosophy of Physical Sciences ( |  |  |  |
| **15-16** | Physics Education | History and Philosophy of Physical Sciences ( |  |  |  |
| **16-17** |  |  |  |  |  |
| **17-18** |  |  |  |  |  |
| **19-20** |  |  |  |  |  |