

**University of Szeged  
Foundation Year**

Curriculum (2016-2017)

<b>SUBJECT: PHYSICS</b>	
<b>1st semester</b>	
<b>WEEK</b>	<b>CLASS</b>
	(4 hrs/week)
1.	Basics
2.	Kinematics
3.	Newton's laws
4.	Motion and forces in two dimensions
5.	MTO 1 (Kinematics; Newton's laws; Motion in 3D); Work, energy and power
6.	Work, energy and power
7.	Revision, Midterm test
8.	Linear momentum
9.	Circular motion
10.	Oscillations
11.	MTO 2 (Work, energy and power; Linear momentum); Oscillations
12.	Elasticity; Rotation of rigid bodies
13.	Rotation of rigid bodies
14.	MTO 3 (Circular motion; Oscillations; Elasticity); Rotation of rigid bodies
15.	Consultation week; resits
16.	Final examinations