

<b>ID</b>	2536
<b>Curricular Unit</b>	Statistics I
<b>Regent</b>	Amélia Cristina Marçal Alves Bastos
<b>Learning Outcomes</b>	To give the basic concepts of probability theory.
<b>Syllabus</b>	<ol style="list-style-type: none"> <li>1. Descriptive statistics</li> <li>2. Probabilities</li> <li>3. Random variable and distribution function</li> <li>4. Discrete probability distributions</li> <li>5. Continuous probability distributions</li> </ol>
<b>Evaluation</b>	<p>The assessment methods used can be divided in two groups: written examination (WE) and continuous assessment (CA). The continuous assessment includes a group work, a written test and an informal observation of students, for the purpose of assessing and gathering information on their understanding of concepts, disposition to learning and abilities. The final classification (FC) is given by: <math>FC=0.8*WE+CA</math>, where WE varies between 0 and 20 and CA varies between 0 and 4.</p>
<b>Bibliography</b>	Murteira, B.; Silva Ribeiro, C.; Andrade e Silva, J.M.; e Pimenta, C. (2010), Introdução à Estatística, Escolar Editora.