

**OPERATIONS RESEARCH**  
**Academic Year 2015-16**

**THEORIC PART (Rossignoli)**

<b>Date and time</b>	<b>Topic</b>
Monday, September 28 <b>13 – 16</b>	<b>Linear programming.</b> Introduction.
Monday, October 5 <b>13 – 16</b>	Geometrical method.
Monday, October 12 14 – 17	Simplex method.
Monday, October 19 14 – 17	Simplex method: special cases.
Monday, October 26 14 – 17	Sensitivity analysis.
Monday, November 9 14 – 17	Duality.
Monday, November 16 14 – 17	<b>Game theory.</b> Non-cooperative Games, Equilibrium.
Monday, November 23 14 – 17	Repeated games.

The lecture material will be uploaded on MyLIUC, together with the exercises.

For further study we recommend the texts:

Hillier F. S. and Lieberman G. J., "Operations Research" (9th ed.), McGraw-Hill, Milano 2006;  
Taha H. A., "Operations Research: An Introduction" (VIII ed.), Pearson Prentice Hall, Upper Saddle River (NJ), 2007;

Winston W. L., "Operations Research", Duxbury Press, Belmont, 1994;

and the workbook:

Bronson R., "Operations Research", McGraw-Hill, Milano 1994.

Tutoring hours (upon reservation by email [crossignoli@liuc.it](mailto:crossignoli@liuc.it)): available on MyLIUC.