OPERATIONS RESEARCH
Academic Year 2017-18

THEORIC PART (Rossignoli)

Date and time	Topic
Tuesday, September 26 14 – 17	**Linear programming.** Introduction.
Tuesday, October 3 14 – 17	Geometrical method.
Tuesday, October 9 14 – 17	Simplex method.
Tuesday, October 17 14 – 17	Simplex method: special cases.
Tuesday, October 24 14 – 17	Sensitivity analysis.
Tuesday, October 31 14 – 17	Duality.
Tuesday, November 7 14 – 17	**Game theory.** Non-cooperative Games, Equilibrium.
Tuesday, November 14 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" (VIIII 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.