



# UNIVERSITY OF PANNONIA

## SUBJECT DATASHEET

<b>Semester:</b>	2009/10/1
<b>Subject:</b>	Synthesis and Design of Process Systems
<b>Code:</b>	VEMKFO3244A
<b>Responsible department:</b>	Department of Process Engineering
<b>Responsible department code:</b>	MKFO
<b>Responsible lecturer:</b>	dr. Béla Lakatos

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### Educational objectives:

### Detailed content of the subject:

### Requirements:

### Required and suggested references:

Blanchard, B.S. and W.J. Fabrycky, 1998, Systems Engineering and Analysis. (3rd Edition). Prentice Hall, Upper Saddle River, New Jersey. Seider, W.D., J.D. Seader and D.R. Lewin, 1999, Process Design Principles. Synthesis, Analysis, Evaluation. John Wiley, New York. Biegler, L.T., I.E. Grossman and A.W. Westerberg, 1997, Systematic Methods of Chemical Process Design. Prentice Hall, Upper Saddle River, NJ. Douglas, J.M., 1988, Conceptual Design of Chemical Processes. McGraw-Hill, New York. Turton, R., R. Bailie, B.W. Wallace, and J.A. Shaeiwitz, 1998, Analysis, Synthesis and Design of Chemical Processes. Prentice Hall, Upper Saddle River, New Jersey