

***Suggested program to the practice of Preparative Organic Chemistry I (kvIn4es3)***  
***Dénes Szabó***

The practical course is for undergraduate students with the goal to give

Learning the basic knowledges of the organic preparative methods in the preparation of organic molecules

Experimental techniques:

Heating and cooling of reaction mixture

Recrystallisation techniques

Filtration

Solvent extraction

Drying of liquids

Atmospheric distillation

Mechanical agitation

Determination of physical data (melting point, boiling point, refractive index)

Requirement

Basic knowledge of organic chemistry and general chemistry laboratory practice

Literature:

*VOGEL's*: Textbook of Practical Organic chemistry  
(B.S. Furniss, A.J. Hannaford, P.W.G. Smith, A.R. Tatchell)  
Longman Scientific & Technical

*D.L. Pavia, G.M. Lampman, G.S. Kriz, R.E. Engel*  
Introduction to ORGANIC LABORATORY TECHNIQUES  
Saunders College Publishing, Philadelphia