

General Information			
Course name	ÚCHV/KCH1/00 Coordination Chemistry	ECTS Credits	5
		Semester	winter
Aims			
<p>The student acquires knowledge on the coordination compounds, preparation, isomerism and properties of coordination compounds as well as about the chemical bonding in coordination compounds.</p>			
Content			
<p>Definition and nomenclature of coordination compounds. Central atom and ligands, coordination numbers. Isomerism, preparation and stability of coordination compounds, chemical bonding in coordination compounds.</p>			
Assessment Methods and Criteria			
examination			
<p><b>Grading Scale (in %):</b> 100-91%-A, 90-81%-B, 80-71%-C, 70-61%-D, 60-51%-E, 50-0%-FX</p>			

**Grading System:**

The University recognises the following six degrees for the evaluation of the study results:

- a) A – excellent (excellent results) (numerical value 1)
- b) B – very good (above average results) (1.5)
- c) C – good (average results) (2)
- d) D – satisfactory (acceptable results) (2.5)
- e) E – sufficient (results meet the minimum criteria) (3)
- f) FX – failed (requires further work) (4)

**Bibliography**

J. Ribas: Coordination Chemistry, Wiley-VCH, Weinheim, 2008.

J. C. Huheey, E. A. Keiter, R. L. Keiter: Inorganic Chemistry, Haper Collins, New York, 1993.

G. A. Lawrance: Introduction to Coordination Chemistry, Wiley, 2010.

