

**INORGANIC CHEMISTRY III**  
**2016-2017**

Bachelor Degree:	Chemistry	702G
Course title:	Inorganic Chemistry III	524
Year/Semester:	3 / 2	ECTS Credits: 6,00

**DEPARTMENT**

Address:	51 Madre de Dios St.				
City:	Logroño	Province:	La Rioja	Postal code:	26004
Phone number:	941299620	Email address:			

**ENGLISH-FRIENDLY FACULTY**

Name:	Moreno García, María Teresa				
Phone number:	9645	Email address:	teresa.moreno@unirioja.es		
Office:	1209	Building:	Center for Science and Technology (CCT)		

Name:	Monge Oroz, Miguel				
Phone number:	941299644	Email address:	miguel.monge@unirioja.es		
Office:	1208	Building:	CCT		

Name:	Olmos Pérez, María Elena				
Phone number:	941299648	Email address:	m-elena.olmos@unirioja.es		
Office:	1212	Building:	CCT		

**CONTENTS**

UNIT1. Vibrational Spectroscopy in Inorganic Chemistry

UNIT2. Electronic Spectroscopy in Inorganic Chemistry

UNIT3. Magnetic properties in Inorganic Compounds

UNIT4. Selected laboratory experiments related to the synthesis and characterization of inorganic, organometallic and coordination compounds

**REFERENCES**

Title
Inorganic chemistry / Gary L. Miessler, Donald A. Tarr-- 4th ed., international ed-- Upper Saddle River (New Jersey) : Pearson-Prentice Hall, [2011]
Structural methods in inorganic chemistry / E.A.V. Ebsworth, David W.H. Rankin, Stephen Cradock ; 2nd ed, repr.-- Oxford [etc.] : Blackwell Scientific Publications, 1994
Infrared and Raman spectra of inorganic and coordination compounds. Part B : applications in coordination, organometallic, and bioinorganic chemistry / Kazuo Nakamoto-- Hoboken (New Jersey) : John Wiley and Sons, 2009
Inorganic spectroscopic methods / Alan K. Brisdon-- Oxford [etc.] : Oxford University Press, 1998

**EVALUATION SYSTEM**

Written Exams (60%, recoverable)
Written Reports (Laboratory notebook) (15%, unrecoverable)
Observation Techniques (10%, unrecoverable)
Projects and Homework (15%, unrecoverable)