

PhD in Chemistry

List of Courses

N ^o	Naziv predmeta	Name
Group 1		
1	Moderne metode i tehnike karakterizacije neorganskih jedinjenja	Contemporary Methods and Techniques for Characterization of Inorganic Compounds
2	Hemijska veza i struktura molekula – viši kurs	Advanced Course in Chemical Bonding and Molecular Structure
3	Instrumentalne metode analize odabranih grupa organskih jedinjenja	Instrumental Analysis of Selected Groups of Organic Compounds
4	Izolovanje sekundarnih metabolita	Isolation of Secondary Metabolites
5	Fizička hemija površina	Physical Chemistry of Surfaces
6	Hemijska mikrobiologija	Chemical Microbiology
7	Odabrana poglavlja hemije zivotne sredine	Selected Topics in Environmental Chemistry
8	Povrsinski aktivne materije	Surface Active Agents
9	Ravnoteže u hemiji	Equilibria in Chemistry
10	Odabrana poglavlja iz optičkih i srodnih metoda hemijske analize	Selected Topics in Optical and Related Methods of Chemical Analysis
11	Atomska spektroskopija	Atomic Spectroscopy
12	Fizička organska hemija	Physical Organic Chemistry
1	Odabrana poglavlja geohemije o kosmochemije	Selected Topics in Geochemistry and Cosmochemistry
2	Odabrana poglavlja fizičke neorganske hemije	Selected Topics in Physical Inorganic Chemistry
3	Hemija zemljišta	Soil Chemistry
4	Hemija boja	Chemistry of Dyes

5	Dezinfekcija vode	Water Disinfection
6	Izabrana poglavlja elektrohemijskih metoda analize	Selected Topics in Electrochemical Methods of Analysis
7	Instrumentalna analiza I	Instrumental Analysis 1
8	Fizičko-hemijske metode ispitivanja ravnoteža u kompleksirajućim sredinama	Physical and Chemical Methods for Equilibrium Determination in Complex Media
9	Identifikacija prirodnih proizvoda	Identification of Natural Products
10	Savremene organske sinteze	Contemporary Organic Synthesis
11	Hemija biljnih pigmenata	Chemistry of Plant Pigments
1	Odabrana poglavlja hemije kompleksnih jedinjenja i prelaznih metala	Selected Topics in Chemistry of Complex Compounds and Transition Metals
2	Kvantna hemija	Quantum Chemistry
3	Asimetrične sinteze	Asymmetric Synthesis
4	Eksperimentalna biohemija	Experimental Biochemistry
5	LC-NMR i srodne kombinovane metode	LC-NMR and Related Hyphenated Techniques
6	Dvodimenzionalna nuklearna magnetna spektroskopija (2D-NMR)	Two dimensional nuclear magnetic resonance spectroscopy (2D NMR)
7	Hemija čvrstih materija	Solid State Chemistry
8	Metrika boja	Metrics of Dyes
9	Savremeni postupci prečišćavanja vode	Advanced Methods of Water Treatment
10	Metode odvajanja	Separation Methods
11	Kinetičke metode analize	Kinetic Methods of Analysis
12	Fizička hemija životne sredine	Environmental Physical Chemistry
1	Odabrana poglavlja bioneorganske hemije	Selected Topics in Bioinorganic Chemistry
2	Odabrana poglavlja hidrogeohemije	Selected Topics in Hydrogeochemistry

3	Odabrana poglavlja supramolekulske hemije i hemije makromolekula	Selected Topics in Supramolecular and Macromolecular Chemistry
4	Sekundarni metaboliti kao biomarkeri	Secondary Metabolites as Biomarkers
5	Teorija grafova u hemiji	Graph Theory in Chemistry
6	Odabrana poglavlja hemije i tehnologije voda	Selected Topics in Water Chemistry and Technology
7	Huminske supstance u životnoj sredini	Humic Substances in the Environment
8	Instrumentalna analiza II	Instrumental Analysis 2
9	Molekularna spektroskopija	Molecular Spectroscopy
10	Konformaciona analiza biomakromolekula	Conformational Analysis of Biomacromolecules
11	Odabrana poglavlja primene organskih reagenasa u hemijskoj analizi	Selected Topics in Applications of Organic Reagents in Chemical Analysis
12	Odabrana poglavlja kosmochemije	Selected Topics in Cosmochemistry
13	Odabrana poglavlja astochemije	Selected Topics in Astrochemistry
14	Hemija kompleksnih jedinjenja	Chemistry of Complex Compounds
15	Odabrana poglavlja geochemije	Selected Topics in Geochemistry
16	Hemija organometalnih jedinjenja	Chemistry of Organometallic Compounds
17	Osnove enzimologije	Fundamentals of enzymology
18	Fizička organska hemija	Physical Organic Chemistry
19	Ravnoteže u analitičkoj hemiji	Equilibria in Analytical Chemistry
20	Elektrohemijske metode analize	Electrochemical Methods of Analysis
21	Kinetičke metode analize	Kinetic Methods of Analysis
22	Organski reagensi u hemijskoj analizi	Organic Reagents in Chemical Analysis
23	Optičke i srodne metode hemijske analize	Optical and Related Methods of Chemical Analysis
24	Molekulska spektroskopija	Molecular Spectroscopy