COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ IG/04	**Course name:** Acquirement of Internal Grant

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 10

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 144

abs	n
100.0	0.0

Provides:

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science

Course ID: ÚCHV/ CZC/04	**Course name:** Citation in the International Scientific Journal

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 10

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment Total number of assessed students: 15

abs	n
100.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ CDC/04	**Course name:** Citation in the Local Scientific Journal

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 5

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 0

abs	n
0.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚCHV/ CM/04	**Course name:** Citation in the Monograph

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 20

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 2

abs	n
100.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ SDPR/04	**Course name:** Co-worker of a Local Project

Course type, scope and the method:
 Course type:
 Recommended course-load (hours):
 Per week: Per study period:
 Course method: present

Number of credits: 2

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 252

abs	n
99.6	0.4

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/ SMPR/04	**Course name:** Co-worker of an International Project
Course type, scope and the method: **Course type:** **Recommended course-load (hours):** **Per week: Per study period:** **Course method:** present	
Number of credits: 15	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisities:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	

Course assessment
Total number of assessed students: 24

abs	n
100.0	0.0

Provides:
Date of last modification:
Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ POCE/04	**Course name:** Current topics in organic chemistry

Course type, scope and the method:
  Course type: Lecture / Practice
  Recommended course-load (hours):
  Per week: 2 / 2 **Per study period:** 28 / 28
  Course method: present

Number of credits: 8
Recommended semester/trimester of the course:
Course level: III.
Prerequisities:
Conditions for course completion:
Learning outcomes:
Brief outline of the course:
Recommended literature:
Course language:
Notes:
Course assessment Total number of assessed students: 26

N	P
0.0	100.0

Provides: prof. RNDr. Jozef Gonda, DrSc.
Date of last modification: 03.05.2015
Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/ PPC/04	**Course name:** Direct Pedagogical Activities

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 1

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 263

abs	n
100.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ PPC/04	**Course name:** Direct Pedagogical Activities

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 1

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 263

abs	n
100.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/ DZS/15	**Course name:** Doctoral Exam

Course type, scope and the method:
   Course type:
   Recommended course-load (hours):
   Per week: Per study period:
   Course method: present	

Number of credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisities:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	

Course assessment
Total number of assessed students: 4

N	P
0.0	100.0

Provides:
Date of last modification: 03.05.2015
Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ DZP1a/04	**Course name:** Doctoral Thesis

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 10

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 34

abs	n
100.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ DZP1b/04	**Course name:** Doctoral Thesis

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 30

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 57

abs	n
100.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ NSVR/04	**Course name:** High-resolution NMR spectroscopy

Course type, scope and the method:
  Course type: Lecture / Practice
  Recommended course-load (hours):
  Per week: 2 / 2 **Per study period:** 28 / 28
  Course method: present

Number of credits: 8

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 21

N	P
0.0	100.0

Provides: doc. RNDr. Ján Imrich, CSc.

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ CPC/04	**Course name:** Chiral auxiliaries & ligands

Course type, scope and the method:
  Course type: Lecture / Practice
  Recommended course-load (hours):
  Per week: 2 / 2 **Per study period:** 28 / 28
  Course method: present

Number of credits: 8

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 24

N	P
0.0	100.0

Provides: prof. RNDr. Jozef Gonda, DrSc.

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ SSOL/04	**Course name:** Individual Study of Scientific Literature

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 2
Recommended semester/trimester of the course:
Course level: III.
Prerequisities:
Conditions for course completion:
Learning outcomes:
Brief outline of the course:
Recommended literature:
Course language:
Notes:
Course assessment Total number of assessed students: 159

abs	n
100.0	0.0

Provides:
Date of last modification: 03.05.2015
Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ MK/04	**Course name:** International Conference

Course type, scope and the method:
 Course type:
 Recommended course-load (hours):
 Per week: Per study period:
 Course method: present

Number of credits: 6

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 146

abs	n
100.0	0.0

Provides:

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ ZKC/04	**Course name:** International Currented Journal

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 20

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 179

abs	n
99.44	0.56

Provides:

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science

Course ID: ÚCHV/ ZNC/04	**Course name:** International Non-Currented Jounal

Course type, scope and the method: **Course type:** **Recommended course-load (hours):** **Per week: Per study period:** **Course method:** present

Number of credits: 5

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment Total number of assessed students: 14

abs	n
100.0	0.0

Provides:

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ NEM/04	**Course name:** Introduction of a New Experimental Method

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 15

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 7

abs	n
100.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ DK/04	**Course name:** Local Conference

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 2

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 66

abs	n
100.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ DKZU/04	**Course name:** Local Conference with Foreign Participation

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 4

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 142

abs	n
100.0	0.0

Provides:

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ DKC/04	**Course name:** Local Currented Journal

Course type, scope and the method: **Course type:** **Recommended course-load (hours):** **Per week: Per study period:** **Course method:** present
Number of credits: 15
Recommended semester/trimester of the course:
Course level: III.
Prerequisities:
Conditions for course completion:
Learning outcomes:
Brief outline of the course:
Recommended literature:
Course language:
Notes:
Course assessment Total number of assessed students: 9

abs	n
100.0	0.0

Provides:
Date of last modification: 03.05.2015
Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ DNC/04	**Course name:** Local Non-Currented Journal

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 5
Recommended semester/trimester of the course:
Course level: III.
Prerequisities:
Conditions for course completion:
Learning outcomes:
Brief outline of the course:
Recommended literature:
Course language:
Notes:
Course assessment Total number of assessed students: 14

abs	n
100.0	0.0

Provides:
Date of last modification: 03.05.2015
Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ POVK/04	**Course name:** Membership in a Conference organizing Committee

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 2

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 26

abs	n
100.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚCHV/ MSPM/04	**Course name:** Modern spectroscopic methods

Course type, scope and the method:
 Course type: Lecture / Practice
 Recommended course-load (hours):
 Per week: 2 / 2 **Per study period:** 28 / 28
 Course method: present

Number of credits: 8

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:
 Fundamental concepts, experimental methods, general and special applications of infrared and Raman spectroscopy. Luminescent methods and their applications to structural problems.

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 1

N	P
0.0	100.0

Provides: RNDr. Monika Tvrdoňová, PhD.

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ MOZ/04	**Course name:** Molecular devices

Course type, scope and the method:
  Course type: Lecture / Practice
  Recommended course-load (hours):
  Per week: 2 / 2 **Per study period:** 28 / 28
  Course method: present

Number of credits: 8

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 1

N	P
0.0	100.0

Provides: RNDr. Martin Walko, PhD.

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ HZD/04	**Course name:** Nitrogen heterocycles

Course type, scope and the method:
 Course type: Lecture / Practice
 Recommended course-load (hours):
 Per week: 2 / 2 **Per study period:** 28 / 28
 Course method: present

Number of credits: 8

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:
 Seminar written discussion.
 Terminal examination by written form.

Learning outcomes:
 The aim of the course is to obtain the knowlegde about nitrogen heterocycles, their synthesis, reactivity as well as relationship between structure and biological properties.

Brief outline of the course:
 Signification, synthesis and chemical properties of derivatives of Pyrrole, Indole, Pyridine, Acridine, Pyrimidine and purine. Natural products containing nitrogen heterocycles, biological activity a drugs.

Recommended literature:
 1. Comprehensive Heterocyclic Chemistry; Katritzky A. R., Rees C. W., Eds., Pergamon Press, Oxford, 1984.
 2. Gilchrist T. L.: Heterocyclic Chemistry, Longman, Harlow, 1992.
 3. Eichler T., Hauptmann S.: The Chemistry of Heterocycles, Wiley-VCH, Weinheim 2003.

Course language:
 Slovak and English

Notes:

Course assessment
 Total number of assessed students: 15

N	P
0.0	100.0

Provides: RNDr. Mariana Budovská, PhD.

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science

Course ID: ÚCHV/ NZ/04	**Course name:** Not-Reviewed International or Local Proceedings

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 2

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment Total number of assessed students: 132

abs	n
100.0	0.0

Provides:

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚCHV/ ODZP/2014/15	**Course name:** Obhajoba dizertačnej práce

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 30

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment Total number of assessed students: 12

N	P
0.0	100.0

Provides:

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ PVS/04	**Course name:** Patents, Inventions, Software

Course type, scope and the method:
 Course type:
 Recommended course-load (hours):
 Per week: Per study period:
 Course method: present

Number of credits: 2

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 0

abs	n
0.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ PAKM/04	**Course name:** Practical application of quantum chemical methods in organic chemistry

Course type, scope and the method:
  Course type: Lecture / Practice
  Recommended course-load (hours):
  Per week: 2 / 2 **Per study period:** 28 / 28
  Course method: present

Number of credits: 8

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 2

N	P
0.0	100.0

Provides: RNDr. Ladislav Janovec, PhD.

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚCHV/ VYS/04	**Course name:** Presentation in Seminar

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 2

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 144

abs	n
100.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ RZ/04	**Course name:** Reviewed International or Local Proceedings

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 5

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 186

abs	n
100.0	0.0

Provides:

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ VPBP/04	**Course name:** Review of a Bachelor Thesis

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 2

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 44

abs	n
100.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚCHV/ CHSA/04	Course name: Saccharides

Course type, scope and the method:
  Course type: Lecture / Practice
  Recommended course-load (hours):
  Per week: 2 / 2 Per study period: 28 / 28
  Course method: present

Number of credits: 8

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion: Seminar written discussion. Terminal examination by written form.

Learning outcomes: The general review on carbohydrate chemistry and application of simple saccharide molecules as building blocks (chiral-pool approach) in modern organic synthesis for the construction of more complex natural and unnatural structures.

Brief outline of the course: General introduction, nomenclature of monosaccharides, configuration and stereochemistry of monosaccharides (the Fischer projection, the Haworth projection, conformation of sugars). Reactions of monosaccharides (reactions of carbonyl groups and hydroxyl groups, protective group strategies, production of ethers, esters, acetals, ketals. Monosaccharide derivatives, their nomenclature and preparation. Ascending and descending reactions of monosaccharides. Functionalization of saccharides. Nucleophilic substitutions, oxidations, reaction of the anomeric carbon. Glycosylation methods. Synthesis of C-, N- and O-glycosides. Oligosaccharide synthesis. Application of monosaccharides and their derivatives as the chiral templates in the stereoselective organic synthesis.

Recommended literature: Levy, D. E., Fügedi, P.: The organic chemistry of sugars. Taylor & Francis Group, LLC 2006, ISBN: 0-8247-5355-0. 2. El Khadem, H. S.: Carbohydrate Chemistry: Monosaccharides and Their Oligomers. Academic Press 1988, INC. (London) Ltd., ISBN: 0-12-236870-3. 3. Miljković, M.: Carbohydrates. Synthesis, mechanisms and stereoelectronic effects. Springer Science and Business Media, LLC, New York, 2009. ISBN: 978-0-387-92265-2.

Course language:

Notes:

Course assessment	
Total number of assessed students: 13	
N	P
0.0	100.0
Provides: doc. RNDr. Miroslava Martinková, PhD.	
Date of last modification: 03.05.2015	
Approved: prof. RNDr. Jozef Gonda, DrSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ SCI/04	**Course name:** SCI Citation

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 20
Recommended semester/trimester of the course:
Course level: III.
Prerequisities:
Conditions for course completion:
Learning outcomes:
Brief outline of the course:
Recommended literature:
Course language:
Notes:
Course assessment   Total number of assessed students: 78

abs	n
100.0	0.0

Provides:
Date of last modification:
Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ ZSP/04	**Course name:** Study Stay Abroad

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 2

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 50

abs	n
100.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/ VPSV/04	**Course name:** Supervision of a Students Scientific Work
Course type, scope and the method: **Course type:** **Recommended course-load (hours):** **Per week: Per study period:** **Course method:** present	
Number of credits: 6	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisities:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	

Course assessment
 Total number of assessed students: 48

abs	n
100.0	0.0

Provides:	
Date of last modification:	
Approved: prof. RNDr. Jozef Gonda, DrSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ VBP/04	**Course name:** Supervision of Bachelor Thesis

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 6

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 227

abs	n
100.0	0.0

Provides:

Date of last modification:

Approved: prof. RNDr. Jozef Gonda, DrSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	

Course ID: ÚCHV/ PDS/05	**Course name:** Writing Dissertation Work

Course type, scope and the method:
  Course type:
  Recommended course-load (hours):
  Per week: Per study period:
  Course method: present

Number of credits: 20

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 79

abs	n
100.0	0.0

Provides:

Date of last modification: 03.05.2015

Approved: prof. RNDr. Jozef Gonda, DrSc.