Zachodniopomorski Uniwersytet Technologiczny w Szczecinie

Faculty of Chemical Technology and Engineering

Field of study	Chemical Engineering		
Mode of study	stationary	*Level*	first cycle
Graduate's qualification	inżynier		
Area(s) of study	nauki techniczne		
Educational profile	general academic		
Module			
Course unit	**Basics of Scientific Information**		
Code	ChEn_1A_S_B05		
Field of specialisation			
Administering faculty	Katedra Fizykochemii Nanomateriałów		
ECTS	1,0	*ECTS (forms)*	1,0
Form of course credit	credits	*Language*	english
Electives		*Elective group*	

Form of instruction	*Code*	*Semester*	*Hours*	*ECTS*	*Weight*	*Credit*
lecturing course	A	2	15	1,0	1,00	credits

Leading teacher	Kaleńczuk Ryszard (Ryszard.Kalenczuk@zut.edu.pl)
Other teachers	Kaleńczuk Ryszard (Ryszard.Kalenczuk@zut.edu.pl)

Prerequisites

W-1	computer and web skills

Module/course unit objectives

C-1	The student knows the databases, information services and library catalogs, in which he can search for materials in the field of chemical engineering and technology.
C-2	Student will be able to draw up a list of used literature in the area of chemical engineering and technology alone or using the available programs.
C-3	The student will acquire the attitudes of ethical awareness of scientific work and the basis of copyright.

Course content divided into various forms of instruction		*Number of hours*
T-A-1	What is scientific information. Type of documents (journal articles, book chapters, conference papers, Master and PhD Thesis). Information sources (journal articles databases, digital repositories, integrated systems). Scientific information sources available at WPU.	15

Student workload - forms of activity		*Number of hours*
A-A-1	Participation in lectures	15
A-A-2	Preparing to examination at home	10
A-A-3	consultation	5

Teaching methods / tools

M-1	information lecture

Evaluation methods (F - progressive, P - final)

S-1	P	credit based on attendance

Designed learning outcomes	Reference to the learning outcomes designed for the fields of study	Reference to the learning outcomes defined for the particular areas of education	Reference to learning outcomes leading to the degree of "inżynier"	Course objectives	Course content	Teaching methods	Evaluation methods
Knowledge							
ChEn_1A_B05_W01 The student knows the databases, information services and library catalogs, in which he can search for materials for the diploma thesis. He knows the techniques and ways of querying and searching database resources. He knows that full texts of electronic magazines can be available as part of Open Access or ZUT licensed resources. He knows the rules for drawing up lists of used literature.	ChEn_1A_W16	P6S_WG_TA11	P6S_WG_IA11	C-1	T-A-1	M-1	S-1
Skills							

ChEn_1A_B05_U01 The student ia able to choose the appropriate databases, information services and library catalogs, in which he can search for materials for the diploma thesis. He can apply techniques and ways to formulate queries and search base resources. He can get to the full texts of electronic magazines that can be available as part of Open Access or the ZUT license resources. He can create a list of used literature alone or using the appropriate software.	ChEn_1A_U02 ChEn_1A_U05 ChEn_1A_U11	P6S_UK P6S_UU P6S_UW_TA12	P6S_UW_IA12	C-2	T-A-1	M-1	S-1
Other social / personal competences							
ChEn_1A_B05_K01 Student is aware of the ethical aspects of scientific work - he knows the basics of copyright.	ChEn_1A_K02	P6S_KO		C-3	T-A-1	M-1	S-1

Required reading

1. -, -, 2011

Supplementary reading

1. -, -, 2011