

Course title in English	Academics Didactics
Course title in Polish	Dydaktyka akademicka
Course code	
Type of course	Seminar
Level of course	PhD
Year of study	1-4
Semester/trimester	1/2
Number of hours/credits allocated	30/3
Name of lecturer	Aleksandra Bielicka-Giełdoń; Krzysztof Żamojć
Objective of the course (expected learning outcomes and competences to be acquired)	<p><u>Knowledge: PhD student:</u></p> <ul style="list-style-type: none"> – apply the terminology of didactics in higher education, explains its theories and methods – presents the taxonomy of learning objectives – lists the principles of effective communication and relationship between the efficient communication and learning outcomes – describes educational methods and specific features of various types of courses – defines the most important concepts related to creation education programs based on learning outcomes – describes relationship between the objectives of the education program and learning outcomes <p><u>Skills: PhD student:</u></p> <ul style="list-style-type: none"> – formulate aims and descriptions of learning outcomes for individuals structural education program – chooses methods, forms and teaching aids compatible with teaching objectives and adequate to learning outcomes <p><u>Social competence: PhD student:</u></p> <ul style="list-style-type: none"> – evaluates didactic situations in order to improving teaching skills – formulates and expresses criticism of actions taken in teacher-student interaction while respecting existing interpersonal relations

	– Identifies with the ethos of an academic teacher
Prerequisites	non
Course contents	<p>Education process; learning and teaching. Communication (communicating with students, mediation, negotiation, solving conflicts. Feedback from Students. Learning content - Knowledge; types of knowledge, ways of creating knowledge in the mind of the learner. Practical, intellectual and social skills. Competences and qualifications. Detailed education intellectual predispositions in learners: Creative thinking. Critical thinking. Organizing the learning process yourself: Creating tasks. Asking questions and formulating commands. The assessment process. Ingredients and evaluation criteria.</p> <p>Methodological aspects of education of students of chemical science. Determining learning goals. Forms and methods of education. Teaching aids. Preparation and analysis of didactic measurement. Ethical problems in didactic work of an academic teacher. Safety and health protection in chemical laboratories. Non-school education and popularization of science as a task of universities.</p> <p>The Bologna Process, the European Higher Education Area - contexts, objectives and tools, sources of information. European and Polish Qualifications Framework for Higher Education. Terminology related to the European and Polish Qualifications Frameworks and methodology for creating educational programs. Methodological basis of the formulation and language of the description of learning outcomes. Methods of teaching and evaluation of students.</p>
Recommended reading	<p>1. Chmielecka E. (red.), Autonomia Programowa Uczelni. Ramy kwalifikacji dla szkolnictwa wyższego, Ministerstwo Nauki i Szkolnictwa Wyższego, Warszawa, 2010r.</p> <p>2. Stanisław Sławiński (red.), Polska Rama Kwalifikacji. Poradnik użytkownika, Instytut badań Edukacyjnych, warszawa 2018</p>

	<p>3. Perrot E., Efektywne nauczanie. Praktyczny przewodnik doskonalenia nauczania, Warszawa, 1965.</p> <p>5. Mróz J., Umiejętności psychologiczno-pedagogiczne w pracy nauczyciela, Wydawnictwo Pedagogiczne ZNP, 2012.</p> <p>7. Nęcka E., TRoP Twórcze rozwiązywanie problemów, „Impuls”, Kraków, 1998.</p>
Teaching methods	Auditorium exercises: work in small groups, discussion, individual presentations
Assessment methods	<p>Determination of the final grade on the basis of partial assessments received during the semester for:</p> <ul style="list-style-type: none"> - presence and active participation in course. - proper performance of demonstrative classes using the didactic methods learned. - preparation of a new student course program based on learning outcomes.
Language of instruction	Polish