

Course title:	Research project
Institute/Division: Technological Processes	FACULTY OF CHEMICAL ENGINEERING AND TECHNOLOGY / Engineering of
Erasmus subject code:	Research project
Course duration:	1 semester
ETCS credits:	10/20
Course description:	<p>The research project is the final proof of the ability of the student to independently handle more complex problems within the area of Chemical Engineering or Chemical Technology studies programmes. It is an individual research project (it cannot be done in a group) and it is conducted under the direction of a faculty specialist in the same subject area. After selection of research topic the student should find bibliography sources concerning the studied subject of the research and briefly process them in a theoretical part of the thesis. Basing on the literature student should prepare works schedule and plan the experiments, and after acceptance of the supervisor, complete all the experiments, analyses and calculations included in the schedule. The experimental part can be based on the laboratory analysis and experiments, complex theoretical calculations, as well as the computer simulations. On the basis of experimental results, a student should draw comprehensive report including discussion of the results and correct conclusions. This document (dissertation) is evaluated by supervisor and independent reviewer. Final step is an oral presentation (10 min) and thesis defense in front of the faculty committee.</p>
Literature: scientific publications	academic textbooks, technical documentations, patents and up-to-date
Assessment method:	Research report, oral presentation and thesis defense
Prerequisites:	completed at least 4 semesters of studies in Chemical Engineering or Chemical Technology.
Primary target group: and/or Chemical Technology	All students within the first or second cycle of studies in Chemical Engineering
Contact person:	(Erasmus coordinator dr. hab. Inż. I. Czekaj, e-mail: izabela.czekaj@pk.edu.pl)
Deadline for application:	15st January for spring semester
Remarks:	the list of potential supervisors and thesis topics is regularly updated and available at faculty Erasmus Coordinator office Course can be taken in each semester individually (10 for B.Sc. and 20 for M.Sc. ECTS is counted for each semester separately) - in case of 2 semesters stay The topic can be continued or new topic can be selected.