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| <b>Course title:</b>            | <b>Preliminary diploma project</b>  |
| <b>Institute/Division:</b>      | <b>FACULTY OF CHEMICAL ENGINEERING AND TECHNOLOGY</b>   |
| <b>Number of contact hours:</b> | <b>15 hours</b> (15 h seminars)   |
| <b>Course duration:</b>         | 1 semester (7 <sup>th</sup> semester of regular I cycle studies - autumn)   |
| <b>ETCS credits:</b>            | <b>2</b>  |
| <b>Course description:</b>      | Summary of the issues on modern chemical technology and discussion with students topics related to diploma theses that they carry out in the current year.  |
| <b>Education effects :</b>      |   |
| - knowledge :                   | Students knows the mechanisms of chemical reactions and the conditions for obtaining the basic large-scale products.  |
| - skills:                       | The student is able to plan an experiments on the basis of the literature survey in the field of his further diploma thesis topic. Student is able to propose a technological scheme for the preparation of selected large-scale products, is able to propose complex syntheses of chemical compounds and choose techniques that allow to assess the properties of this compound. |
| - social:                       | student is able to work independently and in the group when solving the problems related to chemical technology   |
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| <b>Literature:</b>              | selected for the topics of current diploma theses   |
| <b>Assessment method:</b>       | Average grade from the sub-sections discussed on the seminars, presence   |
| <b>Prerequisites:</b>           | completed subjects from semesters from 1st to 6th.  |
| <b>Primary target group:</b>    | Students from all specialties   |
| <b>Lecturer:</b>                | <b>prof dr hab inż. Dariusz Bogdał</b>  |
| <b>Contact person:</b>          | <b>prof dr hab inż. Dariusz Bogdał</b>  |
| <b>Remarks:</b>                 | Regular course  |