



Palermo,

Supporting Letter
*of Bachelor Degree Educational Program
"Chemical Technologies and Engineering" of
specialty 161 "Chemical Technology and
Engineering" in Igor Sikorsky Kyiv Polytechnic
Institute, Kyiv, Ukraine*

Our research group of the Department of Physics and Chemistry - Emilio Segre (DiFC) have more than five years' experience of fruitful collaboration with partners from the physical chemistry department of Igor Sikorsky KPI. Professors Heorhii Sokolskyi and Olena Chyhyrynets are responsible for this collaboration from the Ukrainian side. It is worse to mention that our contact started due to our common friend from the Turkish Chemical Society Dr. Mustafa Culha and our mutual efforts to organize EastWest Chemistry Conference in Palermo (2019) and after that in Kyiv (2020-2021). The joint research area includes the halloysite nanotubes as nanocontainers and support for substances of various nature and their release control.

I know well the level of training and ability to perform research by Bachelor students of KPI since they are frequent guests of our research group. We have fruitfully cooperated within the scopes of Erasmus+ since 2019. 5 Bachelor, 6 Master's degree, and 1 Ph.D. students of physical chemistry department have visited the University of Palermo (UNIPA). Prof. Georgii Sokolsky had academic mobility in UNIPA and took part in EWCC2019 conference. The exchange by ideas and educational experience was interesting and useful. This process has not interrupted since 2019.

Students of the KPI's Bachelor Degree program were joined to courses of our department and university during the second term of 2022-2023 academic year. Their choice of discipline I taught was caused by the in-depth consideration of issues necessary for experimental Diploma activity. They demonstrated good qualities as students of chemically-oriented specialty and mostly received excellent and good marks. They were active and motivated not only to study the disciplines during their mobility but also to start individual research projects that will be further transformed into their Diploma thesis. Bachelors Marina



Tsaryk, Elyzaveta Dmitrieva, and Anna Berdychevska (2022), Mirra Telina, Daria Khrebtan (2025) demonstrated excellent skills of work in the laboratory, good experience in research, initiative, and independence in planning their study.

As I know, the recent changes of this chemical technology oriented educational program include unification within the faculty of four programs in one. In support of this step, I want to note that more broad area of Bachelor students training makes them more ready to vulnerability of job market and to our own demands for more general and broad type of skills for work in a laboratory excluding issues of cosmetics or food additives (like in the former Educational Program of Physical Chemistry Department in KPI).

To summarize, the Educational Bachelor Degree Program "Chemical technologies and engineering" of specialty 161 "Chemical Technology and Engineering" in Igor Sikorsky Kyiv Polytechnic Institute answers modern requirements and Bachelor students of KPI of aforementioned Educational Program undoubtedly deserve the further enrolment in UNIPA research activity.

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