

Essential Points to Consider Regarding the New Curriculum

Due to the changes made in the curriculum, which will be valid for all students starting from the Fall Semester of the 2023-2024 Academic Year in our department's undergraduate program, the following points need to be considered.

1. The new curriculum will be valid for all students registered in and enrolling in the Photonics Bachelor's Program.
2. "MATH 241 Mathematics III" and "PHOT231 Mathematical Methods in Photonics I" will be equivalent; students who have taken and failed the "PHOT231 Mathematical Methods in Photonics I" will be required to take the "MATH 241 Mathematics III" and those who succeed will be exempted.
3. Students who have taken and failed the "PHOT232 Mathematical Methods in Photonics II" must take "PHOT232 Mathematical Methods in Photonics".
4. "PHOT313 Electromagnetic Waves for Photonics" and "PHOT312 Electrodynamics II" will be equivalent; students who have taken and failed the "PHOT312 Electrodynamics II" will be required to take the "PHOT313 Electromagnetic Waves for Photonics", and those who succeed will be exempted.
5. Students who have taken and failed the "PHOT311 Electrodynamics I", that is removed from the curriculum, will take a Technical Elective Course instead. Successful students will have this course as a Technical Elective Course on their transcript.
6. Students who have taken and failed the "PHOT321 Electronic Circuits" must take "PHOT321 Applied Electronics".
7. Students who have taken and failed the "PHOT411 Numerical Methods in Photonics" course, that is removed from the mandatory course list, will take a Technical Elective Course instead. Successful students will have this course as a Technical Elective Course on their transcript.
8. Students who have taken and failed the "PHOT431 Modern Techniques in Spectroscopy" course, that is removed from the mandatory course list, will take a Technical Elective Course instead. Successful students will have this course as a Technical Elective Course on their transcript.
9. Students who have taken and failed the "PHOT422 Nanophotonics" course, that is removed from the mandatory course list, will take a Technical Elective Course instead. Successful students will have this course as a Technical Elective Course on their transcript.
10. Students who have taken and failed the "ENG 301 Technical Writing and Communication" course must take a Non-Technical Elective Course instead. Successful students will have this course as a Non-Technical Elective Course on their transcript.
11. Students enrolled before the 2023-2024 Academic Year and have been successful in the "PHOT 232 Mathematical Methods in Photonics II" will be exempt from the "MATH 101 Precalculus".
12. Courses with the same code and changes in credit hours, ECTS credits, or names will be considered equivalent.
13. Senior-year students with a shortage of ECTS credits due to changes in the curriculum will be allowed to take at least 1 (one) additional elective course.
14. Students should pay attention to the new prerequisites.
15. Non-Technical Elective Courses should have 5 ECTS credits.