

List of courses that cannot be chosen as electives for students from the major Applied Physics

DISCLAIMER

This list is not exhaustive and subject to change, based on new insights, new courses and/or new course content of Bachelor College courses. Students should ascertain that study components in their examination program do not have overlap in content, e.g. by checking the course descriptions of electives in OSIRIS Course Catalogue. When in doubt, contact the Study Program Committee which is part of the Examination Committee. You should submit your final proposal for electives and the USE learning trajectory to the Study Program Committee through the Plan App on or after the moment you have completed 90 ECTS and have planned all 180 ECTS. The Study Program Committee will assess whether the chosen study components are coherent, are of the proper level and do not overlap.

Course	Short name
0HV130	Applied Data Skills
0HV120	Programming for PT
0SV120	Statistics for SI
0Z000	First year instruction R.S.I.
2DBA0	Matrices and Differential Equations
2DD40	Mathematics 1
2DW10	Probability and Statistics for ME
2DRR10	Probability and Statistics for CS
2MBS10	Probability and Modeling
2DD80	Statistics for IE
2DI90	Probability and statistics
2DRR00	Linear algebra and applications
2IC02	Information Page Y2 BCS
2IC03	Information Page Y3 BCS
2ICC2	Coaching 2nd year
2ICC3	Coaching 3rd year
2IPS2	Professional Skill reflecting – Pitch
2MBA20	Linear Algebra 1
2MBA40	Analysis 1
2MBA50	Linear Algebra 2
2MBA60	Analysis 2
2MBC40	Vector analysis and geometry
2MBD50	Linear Algebra 1+2
2WAB0	Calculus variant 1
2WBB0	Calculus variant 2
4CA20	Signals and systems
4DA00	Dynamics
4EB00	Thermodynamics
4PB00	Heat and flow
4RA10	Introduction transport phenomena
4EB10	Practical work transport phenomena
4PC00	Thermal and fluid engineering
4RA00	Mechanics
5EPD0	Physics for EE
5EPE0	Physics for AT
5ESF0	Signals and systems
5EZA0	Math 1
5EZB0	Math 2
5EPF0	Electromagnetics 1
6A6X0	Linear Algebra & Statistics
6BBR03	Calculus for CE&C
6BBR04	Thermodynamics and Chemical Bonding
6BBR05	Advanced Calculus for CE&C

6BBR06	Programming and Linear Algebra
6BPR01	Physical Transport Phenomena 1
6A7X0	Advanced chemical bonding electricity and magnetism
6A7XX1	Advanced chemical bonding for ESoE
6DPR01	Organic Chemistry 1 for ESoE
6DPR02	Organic Chemistry 2 for ESoE
7BASX0	BSc advanced skills
7BBSX0	BSc basic skills
7CB2	Career coaching year 2 AUBS
7I3X0	Built environment project for PT and SI
8BB040	Thermodynamics & chemical kinetics
8BB060	Flow & diffusion
8BA030	Physics for biomedical engineering
8NC00	Electromagnetism and optics
DBB100	Creative programming
DPB360	Minor other university

Additional conditions

- If you choose the electives 2MBA40 Analysis 1 and 2MBA60 Analysis 2, you should replace the major course 31MCA Multivariable Calculus (generations as of 2023) / 2DBN10 Advanced Calculus* (generations 2015-2022) / 2DL50 Advanced Calculus* (generations 2012-2014) by an additional elective.
- If you choose the electives 2MBA20 Linear Algebra and 2MBA50 Linear algebra 2, you should replace the major course 31LAL (generations as of 2023) / 2DL60 Linear algebra and vector calculus (generations 2012 – 2014) by an additional elective.
- The courses 3B3X0P Experimental physics 3 and 3BYX0P CBL Systems and control project* are pilot courses. Students that will be participating in the pilot take these courses instead of the regular AP major courses 3B3X0 Experimental physics 3* and 3BYX0 Signals and systems*. Therefore, these subjects cannot be chosen as electives.

*The course is taught for the last time in the academic year 2023-2024 and assessed for the last time in the academic year 2024-2025.