

Overlap courses: excluded electives 2024-2025 Major Automotive Technology (AT)

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 are advised to check the course description of an elective in OSIRIS Course Catalogue for any overlap in content with the AT major courses. In case of doubts, contact your academic advisor.

Before you receive your diploma, the Examination Committee EE will assess your study program for depth, overlap and coherence. You can submit your study program to the Examination Committee EE through PlanApp once you have completed 90 ECTS and have planned all 180 ECTS.

Study components that overlap with major courses AT		
Code	Course name	Major
2IC30	Computer Systems	Software Sc
2IP90	Programming	Software Sc
JBM075	Linear algebra for data science	Data Science
2WA70	Ordinary differential equations	Mathematics
2WF20	Linear Algebra 1	Mathematics
2WF30	Lineair algebra 2	Mathematics
3AEX0	Electromagnetism	Applied Physics
4CB00	Signals and Systems	Mechanical Engineering
4DA00	Dynamics	Mechanical Engineering
4DB00	Dynamics and control of mechanical systems	Mechanical Engineering
DBB100	Creative Programming	Industrial Design
DBB200	Creative Electronics	Industrial Design
5ECA0	Circuits I	Electrical Engineering
5ECB0	Electronic Circuits I	Electrical Engineering
5SEA0	Electrical energy phenomena & relations	Electrical Engineering
8VB10	Metingen en modellen in de kliniek (course in Dutch)	Biomedical Engineering
0HPH050	Homologation course behavioral research methods	Industrial Engineering
2IP85	Advanced software engineering	Mathematics
JBI026	Discrete mathematics	Data Science
Study components that overlap with major courses AT (no longer taught)		
2DN60	Linear Algebra and Vector Calculus (taught for the final time in 2016-2017)	Mathematics
5XS10	Applied Signal Processing Basics (taught for the final time in 2018-2019)	Electrical Engineering
DBB210	Creative Programming (taught for the final time in 2015-2016)	Industrial Design
DBB211	Creative Electronics (taught for the final time in 2015-2016)	Industrial Design
JBI025	Foundations of computing	Data Science

Study components EE BSc After Revision that overlap with major courses AT		
Code	Course name	Major
5EWC0	Programming and Engineering Challenge	Automotive Technology
5EPC0	Circuits	Automotive Technology
5EZA0	Math 1	Automotive Technology
5ESF0	Signals & Systems	Automotive Technology
5PEP0	Physics for AT	Automotive Technology
5ATB0	Spectrum of Automotive	Automotive Technology
5ECD0	Electronic Circuits 1	Automotive Technology
5EZB0	Math 2	Automotive Technology
5EID0	Engineering Challenge for Venus	Automotive Technology
5EPF0	Electromagnetics 1	Automotive Technology
5EIC0	Computer Architecture	Automotive Technology
5ESH0	Control Systems	Automotive Technology
5XCE0	Introduction to sensing	Automotive Technology
4CBLW00	Multidisciplinary CBL	Automotive Technology
0LVX30	Impact of Technology: Engineering Ethics	Automotive Technology
0LVX40	Impact of Technology: Engineering for Society	Automotive Technology
5EPD0	Physics for EE	Electrical Engineering