

List of courses that cannot be taken as electives by students in the Mechanical engineering bachelor BR 2023-2024 version 26-10-2023

NOTE: This list is not exhaustive. We advise students to check the course description in Osiris and the overlap in content with major courses. In case of doubts, always contact your Academic Advisor.

The examination committee will check your study package when you submit your program through the PlanApp. This can be done when you completed 90 ECTS and have planned 180 ECTS.

Excluded Electives		Major courses	
Code	Course name	Code	Course name / Remarks
0LVX10	ITEC ethics	0SAB0	USE Base
2DBA0	Matrices and Differential Equations	4DA00	Dynamics
2DBI00/2DRR00	Linear algebra and applications	4DA00	Dynamics
		4CB00	Signals and Systems
2DBN00	Linear algebra	4DA00	Dynamics
2DE20/2DD40/ 5EZA0	Mathematics 1	4DA00	Dynamics
5EZB0	Mathematics 2	4DA00	Dynamics
2DI90	Probability & statistics	4DC10	Analysis of production systems
2DL00	Basic mathematics evening course	...	Only for premaster students
2DL10	Premaster calculus and probability	...	Only for premaster students
2DL40	Advanced calculus I	-	Only for premaster students
2DL50	Advanced calculus II	-	Only for premaster students
2DL60	Linear algebra	-	Only for premaster students
2DL70	Probability & statistics	-	Only for premaster students
2DL15	Calculus & probability theory premaster IM	-	Only for premaster students
2DM80	Biostatistics and linear algebra	4DA00	Dynamics
2WA70/2MBC20	Ordinary differential equations	4DA00	Dynamics
2WF20/2MBA20	Linear Algebra 1	4DA00	Dynamics
2WF30/2MBA50	Linear Algebra 2	4DA00	Dynamics
2WN20/2MBC10	Introduction to numerical analysis	4MC10	Computational mechanics
3AMX0	Mechanics	4DA00	Dynamics
3A1X0	Experimental physics I	4GA00	Intr. mech. Eng. and truss structures
3BTX0	Thermal Physics	4EB00	Thermodynamics
3CTX0	Physics of transport phenomena	4PB00	Heat and flow
3PHYS	Physics for Engineers	3NBB0	Applied natural sciences
31LAL	Linear algebra	4DA00	Dynamics
		4CB00	Signals and Systems
31MCA	Multivariable Calculus	4RA10	Introduction transport phenomena
31MEC	Mechanics	4RA00	Mechanics
3BYX0P	systems and control project	4GB20	robot arm
4PB00oNL	Heat and flow online	4PB00	Heat and flow
4CBLA10	Launching mechanism	4GA10	launching mechanism
4CBLA20	Multipled robot	4GA40	Multipled Robot
4CBLA30	Energy storage and transport	4GB00	Modeling of time dependent systems
4CA20	signal and systems	4CB00	signal and systems
4CBLA00	Intro mech	4GA00	Intro mech
4AC10	Principles of design and programming	4cc30	Design principles
4GA40	Peristaltic pump	4GA20	ACDA
		4ga30	propeller
4GA50	Solar Heat	4GA20	ACDA
		4ga30	propeller
4RA10	Introduction transport phenomena	3NCB0	Applied Physical Sciences flows Prohibited for generations 2016 and earlier
5ASC0	Dynamics in Automotive applications	4DA00	Dynamics
5ESB0	systems	4DB00	signals and systems
5ESF0	Signals & systems	4DB00	signals and systems
5EPD0	Physics for EE	4DA00	Dynamics
5PEP0	Physics for AT	4DA00	Dynamics
6A3X0/6BPR01	Advanced calculus for ST	4DA00	Dynamics
6A4X0	Intro. to chem.bonding & thermodynamics	4EB00	Thermodynamics
		4BC00	Chemically reacting flows (elective course)
6A6X0	Linear Algebra & Statistics	4DA00	Dynamics

6BBR06	Programming and Linear Algebra	4DA00	Dynamics
6E5X0	Numerical methods	4MC10	Computational mechanics
6M4X0	Materials science	4MA00	Structure and properties of materials
6P1X0/6BPR01	Physical Transport Phenomena	4PB00	Heat and flow
7PPX0	Dimensioneren van constructies	4RA00	Mechanics
7P3X0	Construction analysis	4RA00 4GA00	Mechanics Intr. mech. Eng. and truss structures
8MB00	mechanics	4MB00	Solid Mechanics
8BA030	Physics for biomedical engineering	4DA00	Dynamics
8MC00	Numerical analysis of continua	4MC10	Computational mechanics
8SC00	Materials science	4MA00	Structure and properties of materials
8TB00/8BA090	bio mechanics	4MB00	Solid Mechanics
8BA060	Linear algebra & multivariable analysis	4RA10 4DA00	Introduction transport phenomena Dynamics