Curriculum BW Gen. 2021-2022

2021-2022			
1.1	1.2	1.3	1.4
2WBB0 (1) Calculus (A) *Peletier*	**3NBB0 (1) App. Natural sciences (A)** *Duif*	**2IAB0 (1) Data analytics for engineers (A)** *Sidorova*	**0SAB0 (1) USE Base (A) .** *Spahn*
4RA00 (1) Mechanics (B) *Hulsen, van Breemen*	**4DA00 (1) Dynamics (B)** *Fey, Habets*	**4RA10 (1) Introduction Transport Phen. (D)** *Dam, Anthonissen*	**4MA00 (1) Structure and properties of mat. (B)** *van Dommelen, Govaert*
4GA00 (1) Intro mech eng. (C+E) *Anderson, Luttge*	**free elective** ***4GA10 (1) DBL Launch mechanism (D+E)*** ***4CBL10 (1) E3 Challenge 1 (D+E)***	**4GA40 (1) DBL Peristaltic pump (B+E)** *Wang, vd Burgt*	**free elective** ***4GA50 DBL (1) Solar Heat System (D+E)*** ***4CBL20 (1) E3 Challenge 2 (D+E)***
2022-2023			
2.1	2.2	2.3	2.4
4WBB0 (2) Engineering Design (C) *van Esch*	**4DB00 (2) Dyn & cont of mech sys. (E)** *Murguia Rendon*	**4MB00 (2) Solid Mechanics (D)** *Geers, Kouznetsova*	**4PB00 (2) Heat and flow (C)** *Kuerten, Rindt*
4CB00 (2) Signals and Systems (D) *Heemels, Chong*	**4EB00 (2) Thermodynamics (C)** *Smeulders*	**4GB10 (2) OGO Combustion engine (C+E)** *Somers*	**4GB20 (2) OGO Robotarm (D+E)** *van de Molengraft,*
free elective/USE ***4GB00 (2) DBL Modeling of time dependent systems (A+B)***	**free elective/USE**	**free elective/USE**	**free elective/USE** ***4LB00 (3) FSS1: Strength & Structure (A)***
2023-2024			
3.1	3.2	3.3	3.4
4MC10 (3) Comp mechanics (C) *Peerlings, van Brummelen*	**4CC40 (3) Design principles & Analysis of** *Vrancken, Reniers*	**free elective/USE** ***4CC10 (3) HTSD 2: Mechatronic Design*** ***3FTX0 (3) DES 2: Turbulence, waves &*** **instabilities**	**free elective/USE** ***4DC00 (3) HTSD 3: Dyn. &Cont. rob. Sys.*** ***4BC00 (3) DES 3: Chem. reacting flows***
4GC00 (3) DBL Comp. Aided Eng (B+D) *Kouznetsova*	**4GC10 (3) DBL Mech. Design Project (B+D)** *Etman*	**free elective/USE** ***4MC00 (3) FSS: 2: Exp & Num skills*** ***4EC10 (3) DES: 2 Dyn. of Energy sys***	**free elective/USE** ***4RC00 (3) FSS 3: Flow and structure***
free elective/USE ***4TC00 (2) HTSD 1: Mod. B. sys.eng.***	**free elective/USE** ***4PC00 (3) OES 1: Thermal and fluid engineering***	**4WC00 (3) Bachelor Endproject**	**4WC00 (3) Bachelor Endproject**

V 26-07-2023 subject to changes