MSE - 2026-2027 - Schedule* and module offer per profile - Region F

Profile columns: CE - S, CE - G, CE - H, CE - T, CS - S, CS - E, CS - C, DS, EIE - S, EIE - P, EnEn, ICS, ME, Mic - B, Mic - H, Mic - D, Mic - P (each module also has DESC and SAT links).

Autumn semester (SA)

Day	Bloc	Module	ECTS	Site
Monday	Bloc 1	FTP_Energy	3	L
Monday	Bloc 1	MA_DeSEm	3	L
Monday	Bloc 1	MA_PCM	3	L
Monday	Bloc 1	TSM_MachLeData	3	L
Monday	Bloc 1	MAP_Tunn (1/2)	6	L
Monday	Bloc 2	FTP_Physics	3	L
Monday	Bloc 2	MA_NTDA	3	L
Monday	Bloc 2	MA_SeS	3	L
Monday	Bloc 2	MAP_Tunn (2/2)	6	L
Monday	Bloc 2	MAP_EspacPu (1/2)	6	L
Monday	Bloc 3	MA_AdMoApp	3	L
Monday	Bloc 3	MA_HYBRD	3	L
Monday	Bloc 3	MAP_Interac	3	L
Monday	Bloc 3	TSM_CyberSec	3	L
Monday	Bloc 3	MAP_EspacPu (2/2)	6	L
Monday	Bloc 4	CM_PrivLaw	3	D
Tuesday	Bloc 1	MA_AppMic	3	G
Tuesday	Bloc 1	MA_AdvElDes	3	L
Tuesday	Bloc 1	MAP_Barrages (1/2)	6	L
Tuesday	Bloc 1	MAP_MobUrb (1/2)	6	L
Tuesday	Bloc 1	MAP_StrBois (1/2)	6	L
Tuesday	Bloc 1	TSM_AdvTherm	3	L
Tuesday	Bloc 1	TSM_CloudSys	3	L
Tuesday	Bloc 1	TSM_SoftwAs_ZH	3	ZH
Tuesday	Bloc 2	FTP_MachLe	3	L
Tuesday	Bloc 2	FTP_ModSim	3	L
Tuesday	Bloc 2	MAP_Barrages (2/2)	6	L
Tuesday	Bloc 2	MAP_MobUrb (2/2)	3	L
Tuesday	Bloc 2	MAP_StrBois (2/2)	3	L
Tuesday	Bloc 2	TSM_EcoSysSus	3	L
Tuesday	Bloc 3	FTP_Multiphy	3	L
Tuesday	Bloc 3	MAP_Ponts	3	L
Tuesday	Bloc 3	TSM_AdvEmbSof	3	L
Tuesday	Bloc 3	TSM_AnSeqDa	3	L
Tuesday	Bloc 3	TSM_FundEnEn	3	L
Tuesday	Bloc 3	MAP_TraGeo	3	L
Tuesday	Bloc 4	CM_AcWritPre	3	D
Tuesday	Bloc 4	CM_QRM	3	D
Wednesday	Bloc 1	FTP_CryptCod	3	L
Wednesday	Bloc 1	FTP_OrdDiff	3	L
Wednesday	Bloc 1	MA_INTE1	3	L
Wednesday	Bloc 1	TSM_SignProc	3	L
Wednesday	Bloc 1	TSM_WWTreat_ZH	3	ZH
Wednesday	Bloc 2	FTP_DigImPro	3	L
Wednesday	Bloc 2	MA_GDPC	3	L
Wednesday	Bloc 2	MA_ITProMan	3	L
Wednesday	Bloc 2	TSM_FMechHeat	3	L
Wednesday	Bloc 2	TSM_SmartSens	3	L
Wednesday	Bloc 3	FTP_AppStat	3	L
Wednesday	Bloc 3	MA_AML	3	L
Wednesday	Bloc 3	TSM_CSM	3	L
Wednesday	Bloc 3	TSM_EmbHardw	3	L
Wednesday	Bloc 3	TSM_EnReTe	3	L
Wednesday	Bloc 4	CM_AdvProjMgmt	3	D
Wednesday	Bloc 4	CM_InnChang	3	D
Thursday	Bloc 1	FTP_Alg	3	L
Thursday	Bloc 1	FTP_CompAlg	3	L
Thursday	Bloc 1	TSM_DataMgmt	3	L
Thursday	Bloc 2	CSI_1 (1/3)	9	L
Thursday	Bloc 2	FTP_PartDiff	3	L
Thursday	Bloc 2	TSM_NatHaz	3	L
Thursday	Bloc 3	MA_CFD	3	G
Thursday	Bloc 3	TSM_BIM	3	G
Thursday	Bloc 3	CSI_1 (2/3)	9	L
Thursday	Bloc 3	TSM_Qcheck	3	L
Thursday	Bloc 4	CSI_1 (3/3)	9	L
Friday	Bloc 1	MA_HiVoEn	3	F
Friday	Bloc 1	MA_IPR	3	L
Friday	Bloc 1	MA_SOCI	3	N
Friday	Bloc 1	MA_VI	3	N
Friday	Bloc 2	MA_NSA	3	L
Friday	Bloc 2	MA_PEC	3	L
Friday	Bloc 2	MA_GPU	3	N
Friday	Bloc 2	MA_MSM	3	N
Friday	Bloc 3	MA_GT	3	L

Spring semester (SP)

Day	Bloc	Module	ECTS	Site
Monday	Bloc 1	MA_AUI	3	L
Monday	Bloc 1	MA_StatDig	3	L
Monday	Bloc 1	MA_TTS	3	N
Monday	Bloc 1	MA_PGE	3	Y
Monday	Bloc 1	TSM_CyberSecOp_ZH	3	ZH
Monday	Bloc 2	MA_AdvProg	3	L
Monday	Bloc 2	MA_EMR	3	L
Monday	Bloc 2	TSM_AdvNLP	3	L
Monday	Bloc 2	MA_STOCK	3	Y
Monday	Bloc 2	TSM_SecIndOpT_ZH	3	ZH
Monday	Bloc 3	MAP_StrBeton (1/2)	6	L
Monday	Bloc 3	TSM_MatSurf	3	L
Monday	Bloc 3	MA_VERB	3	Y
Monday	Bloc 4	MA_SIMI	3	G
Monday	Bloc 4	MAP_StrBeton (2/2)	6	L
Monday	Bloc 4	TSM_AdvDaBa	3	L
Tuesday	Bloc 1	MA_VibrAcoust	3	G
Tuesday	Bloc 1	MA_GPL	3	L
Tuesday	Bloc 1	MA_Nucl	3	L
Tuesday	Bloc 1	MAP_ModGeo (1/2)	6	L
Tuesday	Bloc 1	MAP_ResAss (1/2)	6	L
Tuesday	Bloc 1	MAP_StrMetal (1/2)	6	L
Tuesday	Bloc 1	MAP_TransPu (1/2)	6	L
Tuesday	Bloc 1	MAP_Renat (1/2)	6	L
Tuesday	Bloc 1	TSM_SoftwEng	3	L
Tuesday	Bloc 2	MA_EmbReal	3	L
Tuesday	Bloc 2	MA_NTDE	3	L
Tuesday	Bloc 2	MAP_ModGeo (2/2)	6	L
Tuesday	Bloc 2	MAP_ResAss (2/2)	6	L
Tuesday	Bloc 2	MAP_StrMetal (2/2)	6	L
Tuesday	Bloc 2	MAP_TransPu (2/2)	6	L
Tuesday	Bloc 2	MAP_Renat (2/2)	6	L
Tuesday	Bloc 2	MA_SOLTH	3	Y
Tuesday	Bloc 2	TSM_AdvNetSec_ZH	3	ZH
Tuesday	Bloc 3	FTP_DeLearn	3	L
Tuesday	Bloc 3	MA_GesSec	3	L
Tuesday	Bloc 3	MAP_SimHydr	3	L
Tuesday	Bloc 3	MAP_NumMob	3	G
Tuesday	Bloc 3	TSM_MTProdDes	3	L
Tuesday	Bloc 3	TSM_MaintStruc	3	L
Tuesday	Bloc 4	CM_ComplPro_B_ZH	3	D
Tuesday	Bloc 4	CM_Entrepr	3	D
Tuesday	Bloc 4	MA_LPSC	3	L
Wednesday	Bloc 1	MA_AMTO	3	L
Wednesday	Bloc 1	MA_HPQC	3	L
Wednesday	Bloc 1	MA_ICR	3	L
Wednesday	Bloc 1	TSM_PowGrid	3	L
Wednesday	Bloc 2	MA_ASAD	3	L
Wednesday	Bloc 2	MA_PAMPA	3	L
Wednesday	Bloc 2	MA_REA	3	L
Wednesday	Bloc 2	FTP_Life_ZH	3	ZH
Wednesday	Bloc 3	TSM_Dynamics	3	G
Wednesday	Bloc 3	MA_HYDR	3	L
Wednesday	Bloc 3	TSM_AdvComArc	3	L
Wednesday	Bloc 3	TSM_AdvMech	3	L
Wednesday	Bloc 3	TSM_MicroFab	3	L
Wednesday	Bloc 3	MAP_HydrAv (1/2)	6	L
Wednesday	Bloc 4	CM_SustDev	3	D
Wednesday	Bloc 4	MAP_HydrAv (2/2)	6	L
Thursday	Bloc 1	FTP_EnviPlan	3	L
Thursday	Bloc 1	FTP_Optimiz	3	L
Thursday	Bloc 1	TSM_AdvContr	3	L
Thursday	Bloc 1	MAP_Trafic (1/2)	6	G
Thursday	Bloc 2	CSI_2 (1/3)	9	L
Thursday	Bloc 2	MA_AdvFemNL	3	L
Thursday	Bloc 2	MAP_Parasis	3	L
Thursday	Bloc 2	MAP_Trafic (2/2)	6	G
Thursday	Bloc 2	TSM_AppElm	3	L
Thursday	Bloc 2	TSM_BioMedEng_ZH	3	ZH
Thursday	Bloc 3	CSI_2 (2/3)	9	L
Thursday	Bloc 3	PI_x (1/2)	6	L
Thursday	Bloc 4	CSI_2 (3/3)	9	L
Thursday	Bloc 4	PI_x (2/2)	6	L
Friday	Bloc 1	MA_BioCl	3	G
Friday	Bloc 1	MA_SRE	3	L
Friday	Bloc 1	MA_WEM	3	Y
Friday	Bloc 2	MA_AdvRobot	3	G
Friday	Bloc 2	MA_PLM	3	L
Friday	Bloc 2	MA_ElPowSys	3	S
Friday	Bloc 2	MA_BDA	3	Y
Friday	Bloc 3	MA_CSEL1	3	F
Friday	Bloc 3	FTP_SmartMach	3	L
Friday	Bloc 3	MA_SMART	3	S

Légende

CE - S	Civil engineering - specialisation Structures
CE - G	Civil engineering - specialisation Geotechnical engineering
CE - H	Civil engineering - specialisation Hydraulics
CE - T	Civil engineering - specialisation Transport and mobility
CS - S	Computer science - specialisation Software engineering
CS - E	Computer science - specialisation Embedded systems
CS - C	Computer science - specialisation Communication systems
DS	Data science
EIE - S	Electrical engineering - specialisation Signal
EIE - P	Electrical engineering - spécialisation Power
EnEn	Energy and environment
ICS	Information and cyber security
ME	Mechanical engineering
Mic - B	Microengineering - specialisation Biomedical engineering
Mic - H	Microengineering - specialisation Watchmaking engineering
Mic - D	Microengineering - spécialisation Development of microsystems
Mic - P	Microengineering - specialisation Microtechnology production and manufacturing
R	Profile recommended module
O	Profile optional module
C	Profile compulsory module

CM_x	Context Modules
FTP_x	Fundamental Theoretical Principles
TSM_x	Technical Scientific Modules
MA_x	Deepening modules
MAP_x	Project based modules
CSI_x	Cybersecurity Immersion Project
PI_x	Interdisciplinary project
PA	Deepening project (individual schedule) https://www.hes-so.ch/fileadmin/documents/HES-SO/Documents_HES-SO/pdf/ingenierie_architecture/master/Engineering_MSE/Descriptifs_Modules/MSE_-_Descriptif_de_module_-_Projet_Approfondissement__PA_.pdf
TM	Master thesis (individual schedule) https://www.hes-so.ch/fileadmin/documents/HES-SO/Documents_HES-SO/pdf/ingenierie_architecture/master/Engineering_MSE/Descriptifs_Modules/MSE_-_Descriptif_de_module_-_Travail_Master__TM_.pdf
SAT	Link to self-assessment test https://moodle.msengineering.ch/course/view.php?id=938 Enrollement key -> do-it-yourself
ECTS	Number of ECTS credits
DESC	Link to module description
MAP_x	Module taught every other year, next offer 26-27

SITE/BLOC		Bloc 1	Bloc 2	Bloc 3	Bloc 4
HES-SO Master	L	8h45-11h10	11h15-13h40	15h00-17h2	17h30-19h55
HEIA-FR	F	8h45-11h10	12h00-14h25	14h35-17h(	17h15-19h40
HE-Arc	N	8h40-11h05	11h40-14h05	14h40-17h(	17h40-20h05
HEPIA	G	8h55-11h20	12h00-14h25	14h40-17h(	17h15-19h45
HEI-VS	S	8h45-11h10	11h15-13h40	14h15-16h4	16h50-19h15
HEIG-VD	Y	8h30-10h55	11h10-13h35	14h30-16h5	17h25-19h50
Zürich	ZH	9h10-12h40	13h10-16h40	17h10-20h40	
Online / Distant	D				