

Course list for Minors in Mechanical Engineering

Arts Minor 18 credit hours (6 Humanities + 6 Social Sciences + 6 any Arts courses)									
Humanities:					Social Sciences:				
Written English (if HUM crs)		3			Arts			3	
Indigenous Crs (if HUM crs)		3			Arts			3	
					Any Arts Course:				
					Arts			3	
					Arts			3	
Management Minor 19 credit hours									
MECH 3170 Project Management		4			Mgmt			3	
Comp Elec	Any Mgmt course	3			Mgmt			3	
Mgmt		3			Mgmt			3	
Geology Minor 18 credit hours (No Mechanical courses apply)									
GEOL 1340 Dynamic Earth		3			2000 or +			3	
GEOL 2540 Intro Mineralogy		3			2000 or +			3	
One of: GEOL 1400 1410 or 1420		3			2000 or +			3	
Mathematics Minor 24 credit hours (12 credit hrs from Mechanical program can be used)									
MATH 1500 or 1510		3			Math			3	
MATH 1700 or 1710		3			Math			3	
MATH 1210		3			3000 or +			3	
MATH 2130 or		3			3000 or +			3	
MATH 2132		3							
Computer Science 18 credit hours									
COMP 1012 Intro Comp Sci		3			2000 or +			3	
COMP 1020 Intro Comp Sci 2		3			2000 or +			3	
COMP 2140 Data Str & Algorithm		3			2000 or +			3	
Music Minor 18 credit hours (no Engineering courses apply)									
MUSC 1004 Music Hist 1		3			MUSC Courses (NOT 1400,2400,3470,4160,4470)			9	
MUSC 1014 Music Hist 2		3							
MUSC 1110 Music Theory 1		3			* Refer to Faculty of Music Section in UofM Calendar				
Recreational Studies Minor 18 credit hours (no Engineering courses apply)									
KPER1400	Concepts of Rec&Leisure	3			Two REC Courses 2100/2130/2150/2170/2650			6	
REC 2400	Mgt&Marketing of Leisure	3			Two Courses from Advanced Electives List**			6	
** Refer to Faculty of Kin. & Rec Mgmt Section in UofM Calendar									
Leadership for Business and Organizations Minor 18 credit hours (Comp Elective may apply)									
GMGT 1010 Bus & Society		3			NOTE: GMGT 1010 & 2060 complete first to apply for minor				
GMGT 2060 Mgt & Org. Theory		3							
GMGT 2070 Into Org Behaviour		3			6 credit hours from the following: GMGT 3010, LEAD 3010, LEAD 3030, LEAD 4020,			6	
LEAD 4010 Leading Change		3			PSYC 2540, INDG 3350 or 4320				
https://umanitoba.ca/explore/programs-of-study/leadership-for-business-and-organizations-minor									
No more than 50% of the credit hours required for a minor may be common with those forming part of a student's regular Engineering program.									