

# UWO – HKU Core course mapping

## Second Year

UWO MME	HKU MECH		UWO MME	HKU MECH
AM2413y App Math & Num Method			AM2413y App Math & Num Method	
MME2202a Mech of Materials	MECH2009 Mechanics of Solids		SS2143b Applied Statistics	
MME2204a Thermo I	MECH2002 Eng. Thermo		MME2213b Eng. Dynamics	MECH1013 Year1 Eng Mech
MME2259a Product Design and Dev			MME2273b Intro Fluid Mech & Heat Trans	MECH 2008 Mech of Fluids ( <b>NO Heat Tr</b> )
MME2260a Industrial Materials			MME2285b Eng. Experimentation	
N.T.E.			ES 2211G Engineering Communications	

# MME – HKU Core course mapping

## Third Year

UWO MME	HKU MECH		UWO MME	HKU MECH
AM3413a App Math			MME3307b Heat Transfer II	MECH3011 Heat Transfer
MME3303a Fluid Mech II	MECH 3021 Viscous Flow		MME3334b Thermo II	
MME3379a Materials Selection	MECH 3014 Materials for Eng Appl		MME3360b FE Methods for Mech Eng	MECH 3015 Appl Stress and Strength Anal
MME3381a Kin. And Dyn of Machines			MME3380b Mech Comp Design	
ECE3373a Elec Instr. And Meas			ECE3374b Electromechanics	MECH 2006 Elect. and Electronic Eng

# MME – HKU tech elect Mapping

## Fourth Year UWO Level 2/3 (year 3 &4)

UWO MME		HKU MECH
MME 4450a/b Modern Control Systems		MECH3004 Automatic Control
MME 4480a/b CAD		MECH3007 CAD / CAM
MME 9617 Energy Conversion (Grad course)		MECH 3009 Energy Conversion Systems
MME 4425a/b Mechanical Vibration		MECH3020 Vibration
MME9619 OR MME 9620 Fundamentals of MEMS and NEMS OR Nanomaterials and Nanotechnology (Grad Courses)		MECH6040 Foundations of Nanotechnology

# HKU Exchange

## Term 6 Option

Third Year			
Sept.-Dec. @ UWO MME		Jan.-May @ HKU MECH	Notes
AM 3413a		MECH3011 Heat Transfer MME3307b Heat Transfer II	
MME 3303a		MECH 3015 Appl Stress and Strength Anal MME3360b FE Methods for Mech Eng  MECH 2006 Elect. and Electronic Eng ECE3374b Electromechanics	
MME 3379a	3 of	MECH3004 Automatic Control	MME 4450a/b Modern Control Systems
MME 3381a		MECH3007 CAD / CAM	MME 4480a/b CAD
		MECH 3009 Energy Conversion Systems	MME 9617 Energy Conversion (Grad course)

# HKU Exchange

## Term 6 Option (cont.)

Fourth Year	
Term 7	
MME 4449	
BUS 2299	
T.E. #4	
T.E. #5	
T.E. #6	

# HKU Exchange

## Term 6 Option (cont.)

Year 4	
	Term 8
	MME 4499
	BUS 2299
	ES 4498
	MME 3334
	MME 3380
	Additional TE or term 6 mandatory course (see note below)

Note: If one less Mandatory or TE is taken at HKU to reduce load while away, an additional TE or term 6 mandatory course can be added in term 8