Mechanical Engineering MS – Modeling and Simulation in M. E.

Curriculum Approval and Warrant Request Form (for students beginning program Fall 2022 and after)

<u>Form instructions:</u> Form is fillable PDF – type form, obtain advisor digital signature, email to <u>Sara Hladilek</u>

Stu	udent Name	:										
WI	ISC Email:											
Us	e <u>preferred</u>	<u>name</u> or	warrant?	Yes (name on warrant will be the preferred name you entered into your MyUW)								
				No (name on warrant v	No (name on warrant will be the legal name from your student record)							
Degree Requirements include 30 credits minimum satisfying the Graduate School 50% Minimum Co prior to entering this program, type * after the te Example of how to complete form tab Course Number Course Title ME 567 Solar Energy Techn ME 964 Adv Topics in ME:			ol 50% Minimum Con, type * after the too complete form tall Course Title Solar Energy Tech	ursework Requirement. Review the ME G rm & year taken. Enter "PI" in the grade les: nology Nonlinear Elasticity		Term Spring	nd Handbook for additional info		rmation. If the course we is currently 'in progress 50% Credits 3 3 3		se was takei	
	Term & Ye	ar 1:		Grade 1: Term &			Year 2: Grade 2:				2:	
2.	Required	Core Co	urses (18 credit	s, 6 courses required)			Term & Year	Grade	2 50%	Credits		
	ME 440	Interm	ediate Vibrations	3	· · ·							
	ME 451	Kinema	atic and Dynamics of Machine Systems									
	ME 459	Compu	iting Concepts fo	r Apps in Mechanical Engine	s in Mechanical Engineering (50%)							
	ME 460		d Thermal/Struct									
	ME 468	0%)										
	ME 531		Design and Manu									
	ME 532			hine Learning (50%)								
	ME 535			etric Design (50%)	5 , ,							
	ME 548			· · · · · · · · · · · · · · · · · · ·	etimization (50%)							
	ME 558 Introduction to Computa			tional Geometry (50%)								
	ME 564 Heat Transfer (50%)											
	ME 573 Computational Fluids Dyr											
	ME 601*		· · · · · · · · · · · · · · · · · · ·		Math w/Engr Apps (50%) (only this topic)							
	ME 603			Methods for Biomechanics								
	ME 739		ced Robotics (50%	anical Elements and Systems (50%)		,						
	ME 748)			-			
	ME 751 Advanced Computational			, , ,					-			
	ME 759			sting for Apps in Engineering (50%)								
	ME 764			I – Conduction (50%)	:-1							
	. 5:			s in Eng (50%) (only this top	IC)							
	EMA 521 Aerodynamics											
	EMA 522 Aerodynamics Lab (50%)											
<i>3.</i>		dditional FORMAL Courses (6 credits required; place * after course number if transfer course)										
Course Nu		mber	Course Title				Term & Year	r Taken	Grade	50%	Credits	
									+			
4.	All Additional Courses not listed above to be used in degree (6 credits required; Max. 3 credits of Seminar courses permitted, but not required; Independent Study permitted, but not required; place * after course number if transfer course)											
	Course Nu				, pract agree cour		Term & Year Taken		Grade	50%	Credits	
!	-						-		T			
									Totals	:		
Fa	culty Advis	or Digita	al Signature & D)ate:								