

UND B.S. in Mechanical Engineering Curriculum Status Sheet

Name:		Student ID:				On-Campus		DEDP	
Admit Date:		Catalog Year:		PDP		Grad Date:			
Fr Advisor:		So Advisor:		Jr Advisor:		Sr Advisor:			
Updated By/On:		Updated By/On:		Updated By/On:		Updated By/On:		Updated By/On:	
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Requirements: 129 credits / 60 cr. from a 4-yr. institution / 36 hrs. of 300-level or above / Last 30 cr. at UND / Min. 2.0 GPA

UND Essential Studies Requirements - See ES Website for Annual Course Listings					Transfer Institutions				
I. Special Emphasis Areas (3 credits in each area)									
A = Advanced Communication / Q = Quantitative Reasoning									
G = Global Diversity / U = U.S. Diversity / C = Capstone									

II. Communication - 9 cr. [ENGL 110, ENGL 120/125, 3 cr. Oral Communication (O)]									
UND Course	UND Course Title	ES	CR	Term	Grade	Trans Course	Trans Course Title	Institution	
ENGL 110	College Comp I		3						
ENGL 125	Tech and Bus Writing		3						
ENGL 120	College Comp II		3						
ME 488	Engineering Design	O	3						

III. Social Science - 9 cr. [minimum of 2 departments]									
UND Course	UND Course Title	ES	CR	Term	Grade	Trans Course	Trans Course Title	Institution	
ENGR 460	Engineering Economics		3						

IV. Arts and Humanities - 9 cr. [3 cr. each Fine Arts (FA) and Humanities (H)]									
UND Course	UND Course Title	ES	CR	Term	Grade	Trans Course	Trans Course Title	Institution	

V. Mathematics, Science and Technology – 9 cr. [minimum of 2 departments with at least one 4 cr. science course with lab]									
UND Course	UND Course Title	ES	CR	Term	Grade	Trans Course	Trans Course Title	Institution	
Mathematics - 18 cr.									
MATH 165	Calculus I		4						
MATH 166	Calculus II		4						
MATH 265	Calculus III		4						
MATH 266	Elementary Diff. Eqns.		3						
MATH 321	Applied Statistical Methods		3						
Chemistry - 4 cr.									
CHEM 121/L	General Chemistry I/Lab		3/1						
Physics - 8 cr.									
PHYS 251/L	University Physics I/Lab		4						
PHYS 252/L	University Physics II/Lab		4						
Lab Science - 4 cr. [PHYS 253/L, CHEM 122/L or Other as approved by ME Dept]									
CHEM 122/L	General Chemistry II/Lab		3/1						
PHYS 253/L	University Physics III/Lab		4						

Notes:	<p>(*) – This course will not satisfy Essential Studies or Prerequisite requirements until successfully petitioned to the appropriate UND Department and/or the UND Registrar</p>
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General Engineering Science and Mechanical Engineering Degree Requirements

UND Course	UND Course Title	ES	CR	Term	Grade	Trans Course	Trans Course Title	Institution
EE 206	Circuit Analysis		3					
ENGR 200	Comp App in Engr		2					
ENGR 201	Statics		3					
ENGR 202	Dynamics		3					
ENGR 203	Mechanics of Materials		3					
ENGR 460	Engineering Economy	SS	3					
ME 101	Intro to Mech Engr		3					
ME 201	Student Design		2					
ME 301	Materials Science		3					
ME 306	Fluid Mechanics		3					
ME 322	Design of Machinery		3					
ME 323	Mach Component Design		3					
ME 323L	Mach Component Design Lab		1					
ME 341	Thermodynamics		3					
ME 418C	Manufacturing Processes		3					
ME 418L	Manufacturing Processes Lab		1					
ME 474	Heat and Mass Transfer		3					
ME 480	Mech Engr Seminar	A/C	3					
ME 483	Mech Measurements Lab		3					
ME 487	Engr Design		2					
ME 488	Engr Design	O	3					
Che 340	Engr and Scientists in Soc	SS	3					
ME 370	Engr. Disasters and Ethics	SS	3					
PHIL 370	Ethics in Engr and Science	A&H	3					

Technical Electives - At least six, one each in Design, Manufacturing/Materials, and Thermal Sciences unless Aerospace Concentration Four in one stem for other concentrations

AVIT 102	Intro to Aviation		5					

Transcriptable Concentration(s) Satisfied: **Aerospace** **Design** **Manufacturing/Materials** **Thermal Sciences**

Notes:	
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Total Credits:		Overall GPA:		ENGR GPA > 2.0		Last 30 credits > 2.0 (Transfer Students)	
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I certify that the student named above meets the requirements for a degree of
Bachelor of Science in Mechanical Engineering (BSME)
with the concentrations indicated, if applicable.

Chair, Mechanical Engineering	Date	Dean, School of Engineering and Mines	Date