

Department of Civil & Environmental Engineering Balance Sheet
Class of 2020 – 4-yr. program (Freshmen in 2016-2017)

IBE Major in STRUCTURAL ENGINEERING
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Name: _____
 ID No. _____ Email: _____

Approximately 137 Credits

				Grade		Prerequisites: P/C = Pre- or
Follow the standard IBE Freshman Year Plan (34 credits)						
So-1 (17)	<input type="checkbox"/>	CEE 3	Engineering Statics	3	_____	MATH 22 (P/C), PHY 11
	<input type="checkbox"/>	PHY 21	Introductory Physics II	4	_____	PHY 11, MATH 23 (P/C)
	<input type="checkbox"/>	PHY 22	Introductory Physics Lab II	1	_____	PHY 12, PHY 21 (P/C)
	<input type="checkbox"/>	MATH 23	Calculus III	4	_____	MATH 22
	<input type="checkbox"/>	IBE 150	IBE Sophomore Lab	1	_____	
	<input type="checkbox"/>	FE _____	Free Elective	4	_____	
So-2 (18/19)	<input type="checkbox"/>	ACCT 151	Intro. to Financial Accounting	3	_____	Soph Standing
	<input type="checkbox"/>	ECO 029	Money, Banking & Financial Mkts.	3	_____	ECO 1
	<input type="checkbox"/>	MATH 205	Linear Methods	3	_____	MATH 22/32
	<input type="checkbox"/>	MATH 231	Probability & Statistics	3	_____	MATH 23/33/52
	<input type="checkbox"/>	CEE 59	Strength of Materials	3	_____	CEE 3
	<input type="checkbox"/>	H/SS #1 _____	Humanities/Social Science	3/4	_____	
Jr-1 (16)	<input type="checkbox"/>	ECO 146	Applied Microeconomics Analysis	3	_____	
	<input type="checkbox"/>	ACCT 152	Intro. to Managerial Accounting	3	_____	ACCT 151
	<input type="checkbox"/>	CEE 142	Soil Mechanics	3	_____	CEE 3 or MECH 3
	<input type="checkbox"/>	CEE 159	Structural Analysis I	4	_____	CEE 59 or MECH 12
	<input type="checkbox"/>	CEE 203	Professional Development	2	_____	
	<input type="checkbox"/>	IBE 250	IBE Junior Lab	1	_____	
Jr-2 (18)	<input type="checkbox"/>	COMM 130/160	Public Speaking	4	_____	
	<input type="checkbox"/>	IBE 380	IBE Capstone Project I	3	_____	
	<input type="checkbox"/>	FIN 125	Introduction to Finance	3	_____	
	<input type="checkbox"/>	CEE 117	Numerical Methods	2	_____	MATH 205
	<input type="checkbox"/>	CEE 262	Fundamentals of Struc. Steel Des.	3	_____	CEE 159
	<input type="checkbox"/>	CEE 264	Fundament. of Struc. Concrete Des.3	3	_____	CEE 159
Sr-1 (18)	<input type="checkbox"/>	BIS 111	Intro. to Information Systems	3	_____	
	<input type="checkbox"/>	IBE 385	IBE Capstone Project II	3	_____	
	<input type="checkbox"/>	LAW 201	Legal Environment of Business	3	_____	
	<input type="checkbox"/>	CEE 123	Civil Engineering Materials	3	_____	
	<input type="checkbox"/>	CEE 361	Bridge Systems Design	3	_____	CEE 259, CEE 262, & CEE 264
	<input type="checkbox"/>	or <input type="checkbox"/>	CEE 363	Building Systems Design	3	_____
Sr-2 (15/16)	<input type="checkbox"/>	FE _____	Free Elective	3	_____	
	<input type="checkbox"/>	MGT 243	Management & Leading People	3	_____	
	<input type="checkbox"/>	MKT 111	Principles of Marketing	3	_____	ECO 1
	<input type="checkbox"/>	AE#1* _____	Approved Elective	3	_____	
	<input type="checkbox"/>	AE#2* _____	Approved Elective	3	_____	
	<input type="checkbox"/>	HSS #2 _____	Humanities/Social Science	3/4	_____	

IBE requirements include: Foreign Language proficiency, one summer internship, and maintenance of a minimum 3.25 GPA
 *Six CEE elective credits chosen from CEE 207, CEE 259, CEE 266 or CEE 365.