## **INDUSTRIAL ENGINEERING MAJOR**

Program Tracking Sheet Effective for students entering AY 2019-20

Name:			Class Year: 2023	Date	tracking sheet completed	d:	
Student ID #:	#: Advisor:			2 <sup>nd</sup> Ma	2 <sup>nd</sup> Major/Minor:		
NOTES: Minimum academic credit =	- 15 unite			SOCIAL SCIENC			
Residency Req.: Min. of 8		completed at	WPI.		CON, ENV, GOV, PSY, SE	0 SOC SS STS a	nd ID 2050
No course should appear n				20.	UUN, LINV, GOV, I ST, SL	<u>, 300, 33, 313 a</u>	1/3
exception of PE courses.				21.			1/
HUMANITIES AND ARTS REQUI	REMENT (6/	R units)					17
-Breadth Component		Junita)			VE QUALIFYING PROJ		
Students must take at least one course outside the grouping in which			a in which	22.		AY '22	1/
the depth component falls:			g in which	23.		AY '22	1/
a. Art/art history, drama/theatre, mu	usic (AR EN/	гн мш)		24.		AY '22	1/
p. Foreign languages (AB, CN, EN,		, mo)		INDUSTRIAL EN	IGINEERING CORE (9/3	3 units)	
c. Literature, writing, rhetoric (EN, WR, RH)				25. OIE 3405 oi	r OIE 4420		1/
d. History, international studies (HI, HU, INTL)				26. OIE 2081 or	r BUS 2080 or MA 2210 <sup>3</sup>	*	1/
e. Philosophy, religion (PY, RE)	,  -,			27. BUS 3020			1/
Course	Ter	m G	ade Units	28. OIE3600 or	CS2119 or 2102/2103**	*	1/
l.			1/3	29. OIE 2850		1	1/
2			1/3	30. OIE 3410			1/
-Depth Component	I	I		31. OIE 3420			1/
Students must complete at least th	<b>ree</b> thematic:	ally-related	courses	32. OIE 3460			1/
prior to the culminating Inquiry Sem				33. OIE 3510			1/
					eceive credit for both OIE	2081 and MA 2210	
hematic area. At least one must be	e at the 2000	level of abc	ive.	"IE maiors cannot r			
			ove.		receive credit for both BUS		
Exception: May take all six courses				*IE majors cannot r		2080 and MA 221	0.
thematic area. At least one must b Exception: May take all six courses 3. 4.			1/3	*IE majors cannot r **Take CS 1004 pr	receive credit for both BUS ior to CS 2119. Take CS 1	2080 and MA 221 101/1102 prior to 0	0. CS 2102/2103.
Exception: May take all six courses 3. 4.			1/3 1/3	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN	receive credit for both BUS	2080 and MA 221 101/1102 prior to ( ES-Operations Re	0. CS 2102/2103. <b>ssearch</b> (3/3 unit
Exception: May take all six courses 3. 4. 5.			1/3 1/3 1/3	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE	2080 and MA 221 101/1102 prior to ( <b>ES-Operations Re</b> 420*, 4460; MIS	0. CS 2102/2103. <b>search</b> (3/3 unit 3720, 4084, 47.
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 ( <b>taken last</b> )	s in German or	r Spanish.	1/3 1/3	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235,	2080 and MA 221 101/1102 prior to ( <b>ES-Operations Re</b> 420*, 4460; MIS	0. CS 2102/2103. <b>search</b> (3/3 unit 3720, 4084, 47.
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 ( <b>taken last</b> ) PHYSICAL EDUCATION (4 PE cl	s in German or	r Spanish.	1/3 1/3 1/3 1/3	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken in 34.	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235,	2080 and MA 221 101/1102 prior to ( <b>ES-Operations Re</b> 420*, 4460; MIS	0. CS 2102/2103. Search (3/3 unit 3720, 4084, 47. 2.
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 ( <b>taken last</b> ) PHYSICAL EDUCATION (4 PE cl 7.1	s in German or	r Spanish.	1/3 1/3 1/3 1/3 1/3	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken ir 34. 35.	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235,	2080 and MA 221 101/1102 prior to ( <b>ES-Operations Re</b> 420*, 4460; MIS	0. CS 2102/2103. <b>esearch</b> (3/3 unit 3720, 4084, 47 32.
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 ( <b>taken last</b> ) PHYSICAL EDUCATION (4 PE cl 7.1 7.2	s in German or	r Spanish.	1/3 1/3 1/3 1/3 1/3 1/12 1/12	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken in 34.	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235,	2080 and MA 221 101/1102 prior to ( <b>ES-Operations Re</b> 420*, 4460; MIS	0. CS 2102/2103. Issearch (3/3 unit 3720, 4084, 47 32. 1/ 1/
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 ( <b>taken last</b> ) PHYSICAL EDUCATION (4 PE cl 7.1 7.2 7.3	s in German or	r Spanish.	1/3 1/3 1/3 1/3 1/3 1/12 1/12 1/12	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken in 34. 35. 36.	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235, n IE Core.	2080 and MA 221 101/1102 prior to ( <b>ES-Operations Re</b> 420*, 4460; MIS	0. CS 2102/2103. Issearch (3/3 unit 3720, 4084, 47 32. 1/ 1/
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 ( <b>taken last</b> ) PHYSICAL EDUCATION (4 PE cl 7.1 7.2 7.3	s in German or	r Spanish.	1/3 1/3 1/3 1/3 1/3 1/12 1/12	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken ir 34. 35. 36. TECHNICAL ELI	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235, n IE Core. ECTIVES (3/3 units)	2080 and MA 2210 101/1102 prior to ( ES-Operations Re 420*, 4460; MIS 4237, 4631, 463	0. CS 2102/2103. Seearch (3/3 unit 3720, 4084, 47 32. 1/ 1/ 1/
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 ( <b>taken last</b> ) PHYSICAL EDUCATION (4 PE cl 7.1 7.2 7.3	s in German or	r Spanish.	1/3 1/3 1/3 1/3 1/3 1/12 1/12 1/12	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken ir 34. 35. 36. TECHNICAL ELI Any designated O	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235, n IE Core. ECTIVES (3/3 units) CE (except CE 3022), CH	2080 and MA 2210 101/1102 prior to ( <b>ES-Operations Re</b> 420*, 4460; MIS 4237, 4631, 463 HE, CS ( <i>except</i> C	0. CS 2102/2103. Seearch (3/3 unit 3720, 4084, 47 32. 1/ 1/ 2. 1/ 2. 1/ 1/ 2. 2. 1/ 1/ 2. 2.
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 ( <b>taken last</b> ) PHYSICAL EDUCATION (4 PE cl 7.1 7.2 7.3 7.4	s in German or	r Spanish.	1/3 1/3 1/3 1/3 1/3 1/12 1/12 1/12	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken ir 34. 35. 36. TECHNICAL ELI Any designated O 1102, 3043), ECE	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235, n IE Core. ECTIVES (3/3 units) CE (except CE 3022), CH E, ES (except ES 1000, 3	2080 and MA 2210 101/1102 prior to ( ES-Operations Re 420*, 4460; MIS 4237, 4631, 463 HE, CS ( <i>except</i> C 3323), ME, OIE (	0. CS 2102/2103. Search (3/3 unit 3720, 4084, 47 32. 1/ 1/ CS 1004, 1101, except OIE 208
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 (taken last) PHYSICAL EDUCATION (4 PE cl 7.1 7.2 7.3 7.4 MATHEMATICS & BASIC SCIEN Calculus Sequence	s in German or	r Spanish.	1/3 1/3 1/3 1/3 1/3 1/12 1/12 1/12	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken ir 34. 35. 36. TECHNICAL ELI Any designated O 1102, 3043), ECE RBE, as well as a	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235, n IE Core. ECTIVES (3/3 units) CE ( <i>except</i> CE 3022), CH E, ES ( <i>except</i> ES 1000, 3 any IE Elective (see above)	2080 and MA 2210 101/1102 prior to ( ES-Operations Re 420*, 4460; MIS 4237, 4631, 463 HE, CS ( <i>except</i> C 3323), ME, OIE ( ve). Suggested of	0. CS 2102/2103. Search (3/3 unit 3720, 4084, 47 22. 1/ 1/ CS 1004, 1101, <i>except</i> OIE 208 courses include
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 (taken last) PHYSICAL EDUCATION (4 PE cl 7.1 7.2 7.3 7.4 MATHEMATICS & BASIC SCIEN Calculus Sequence 3. MA 1021	s in German or	r Spanish.	1/3 1/3 1/3 1/3 1/3 1/12 1/12 1/12 1/12	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken ir 34. 35. 36. TECHNICAL ELI Any designated O 1102, 3043), ECE RBE, as well as a CS 2011, CS 403	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235, n IE Core. ECTIVES (3/3 units) CE ( <i>except</i> CE 3022), CH E, ES ( <i>except</i> ES 1000, 3 any IE Elective (see abor 32/MA 3257, ECE 2010,	2080 and MA 2211 101/1102 prior to ( ES-Operations Re 420*, 4460; MIS 4237, 4631, 463 HE, CS ( <i>except</i> C 3323), ME, OIE ( ve). Suggested of ES 1310, ES 200	0. CS 2102/2103. <b>search</b> (3/3 unit 3720, 4084, 47 22. 1/ 1/ CS 1004, 1101, <i>except</i> OIE 208 courses include 01, ES 2800,
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 (taken last) PHYSICAL EDUCATION (4 PE cl 7.1 7.2 7.3 7.4 MATHEMATICS & BASIC SCIEN Calculus Sequence 3. MA 1021 9. MA 1022	s in German or	r Spanish.	1/3 1/3 1/3 1/3 1/3 1/12 1/12 1/12 1/12	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken ir 34. 35. 36. TECHNICAL ELI Any designated O 1102, 3043), ECE RBE, as well as a CS 2011, CS 403 ES 3001, ME 180	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235, n IE Core. ECTIVES (3/3 units) CE ( <i>except</i> CE 3022), CH E, ES ( <i>exc</i>	2080 and MA 2211 101/1102 prior to ( ES-Operations Re 420*, 4460; MIS 4237, 4631, 463 HE, CS ( <i>except</i> C 3323), ME, OIE ( ve). Suggested of ES 1310, ES 200	0. CS 2102/2103. esearch (3/3 unit 3720, 4084, 47 2. 1/ 1/ CS 1004, 1101, except OIE 208 courses include 01, ES 2800, qualify.
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 (taken last) PHYSICAL EDUCATION (4 PE cl 7.1 7.2 7.3 7.4 MATHEMATICS & BASIC SCIEN Calculus Sequence 3. MA 1021 9. MA 1022 10. MA 1023	s in German or	r Spanish.	1/3 1/3 1/3 1/3 1/3 1/3 1/12 1/12 1/12 1	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken ir 34. 35. 36. TECHNICAL ELI Any designated O 1102, 3043), ECE RBE, as well as a CS 2011, CS 403 ES 3001, ME 180 37. One ES con	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235, n IE Core. ECTIVES (3/3 units) CE ( <i>except</i> CE 3022), CH E, ES ( <i>except</i> CE 3022), CH ( <i>except</i> CE 3022), CH ( <i>except</i> CE 3022	2080 and MA 2211 101/1102 prior to ( ES-Operations Re 420*, 4460; MIS 4237, 4631, 463 HE, CS ( <i>except</i> C 3323), ME, OIE ( ve). Suggested of ES 1310, ES 200	0. CS 2102/2103. esearch (3/3 unit 3720, 4084, 47 32. 1/ 1/ CS 1004, 1101, except OIE 208 courses include 01, ES 2800, qualify. 1/
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 (taken last) PHYSICAL EDUCATION (4 PE cl 7.1 7.2 7.3 7.4 MATHEMATICS & BASIC SCIEN Calculus Sequence 3. MA 1021 9. MA 1022 10. MA 1023 11. MA 1024	s in German or	r Spanish.	1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/12 1/12 1/	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken ir 34. 35. 36. TECHNICAL ELI Any designated O 1102, 3043), ECE RBE, as well as a CS 2011, CS 403 ES 3001, ME 180 37. One ES con 38.	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235, n IE Core. ECTIVES (3/3 units) CE ( <i>except</i> CE 3022), CH E, ES ( <i>except</i> CE 3022), CH ( <i>except</i> CE 3022), CH ( <i>except</i> CE 3022	2080 and MA 2211 101/1102 prior to ( ES-Operations Re 420*, 4460; MIS 4237, 4631, 463 HE, CS ( <i>except</i> C 3323), ME, OIE ( ve). Suggested of ES 1310, ES 200	0. CS 2102/2103. esearch (3/3 unit 3720, 4084, 47 32. 1/ 1/ CS 1004, 1101, except OIE 208 courses include 01, ES 2800, qualify. 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 (taken last) PHYSICAL EDUCATION (4 PE cl 7.1 7.2 7.3 7.4 MATHEMATICS & BASIC SCIEN Calculus Sequence 3. MA 1021 9. MA 1022 10. MA 1023 11. MA 1024 12. MA 2051	s in German or	r Spanish.	1/3 1/3 1/3 1/3 1/3 1/3 1/12 1/12 1/12 1	*IE majors cannot r **Take CS 1004 pr <b>INDUSTRIAL EN</b> Choose three: OI 4741; MA 3231, 3 *Only if not taken ir 34. 35. 36. <b>TECHNICAL ELI</b> Any designated O 1102, 3043), ECE RBE, as well as a CS 2011, CS 403 ES 3001, ME 180 37. <b>One ES con</b> 38. 39.	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235, n IE Core. ECTIVES (3/3 units) CE ( <i>except</i> CE 3022), CH E, ES ( <i>except</i> ES 1000, 1 any IE Elective (see abor 32/MA 3257, ECE 2010, 00, ME 2820. GPS cour urse required	2080 and MA 2211 101/1102 prior to ( ES-Operations Re 420*, 4460; MIS 4237, 4631, 463 HE, CS ( <i>except</i> C 3323), ME, OIE ( ve). Suggested of ES 1310, ES 200 se credits do not	0. CS 2102/2103. esearch (3/3 unit 3720, 4084, 47 32. 1/ 1/ CS 1004, 1101, except OIE 208 courses include 01, ES 2800, qualify. 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/
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Exception: May take all six courses 3. 4. 5. 5. HU 3900/3910 (taken last) PHYSICAL EDUCATION (4 PE cl 7.1 7.2 7.3 7.4 MATHEMATICS & BASIC SCIEN Calculus Sequence 3. MA 1021 9. MA 1022 10. MA 1022 10. MA 1023 11. MA 1024 12. MA 2051 Statistics Sequence 13. MA 2611	s in German or	r Spanish.	1/3 1/3 1/3 1/3 1/3 1/12 1/12 1/12 1/12	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken ir 34. 35. 36. TECHNICAL ELI Any designated O 1102, 3043), ECE RBE, as well as a CS 2011, CS 403 ES 3001, ME 180 37. One ES con 38. 39. THE MAJOR QU 40.	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235, n IE Core. ECTIVES (3/3 units) CE ( <i>except</i> CE 3022), CH E, ES ( <i>except</i> ES 1000, 1 any IE Elective (see abor 32/MA 3257, ECE 2010, 00, ME 2820. GPS cour urse required	2080 and MA 2211 101/1102 prior to ( ES-Operations Re 420*, 4460; MIS 4237, 4631, 463 HE, CS ( <i>except</i> C 3323), ME, OIE ( ve). Suggested of ES 1310, ES 200 se credits do not 3/3 units) A '22	0. CS 2102/2103. search (3/3 unit 3720, 4084, 47 32. 1/ 1/ CS 1004, 1101, except OIE 208 courses include: 01, ES 2800, qualify. 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/
Exception: May take all six courses 3. 4. 5. 6. HU 3900/3910 (taken last) PHYSICAL EDUCATION (4 PE cl 7.1 7.2 7.3 7.4 MATHEMATICS & BASIC SCIEN Calculus Sequence 3. MA 1021 9. MA 1022 10. MA 1022 10. MA 1023 11. MA 1024 12. MA 2051 Statistics Sequence 13. MA 2611 14. MA 2612 or 2621	s in German or	r Spanish.	1/3   1/3   1/3   1/3   1/3   1/12   1/12   1/12   1/12   1/12   1/12   1/12   1/12   1/12   1/12   1/12   1/13   1/3   1/3   1/3   1/3   1/3	*IE majors cannot r **Take CS 1004 pr INDUSTRIAL EN Choose three: OI 4741; MA 3231, 3 *Only if not taken ir 34. 35. 36. TECHNICAL ELI Any designated O 1102, 3043), ECE RBE, as well as a CS 2011, CS 403 ES 3001, ME 180 37. One ES con 38. 39. THE MAJOR QU 40. 41.	receive credit for both BUS ior to CS 2119. Take CS 1 IGINEERING ELECTIVE E 3405*, 3600*, 4410, 4 3233, 3627, 3631, 4235, n IE Core. ECTIVES (3/3 units) CE ( <i>except</i> CE 3022), CH E, ES ( <i>except</i> ES 1000, 1 any IE Elective (see abor 32/MA 3257, ECE 2010, 00, ME 2820. GPS cour urse required	2080 and MA 2211 101/1102 prior to ( ES-Operations Re 420*, 4460; MIS 4237, 4631, 463 HE, CS ( <i>except</i> 0 3323), ME, OIE ( ve). Suggested of ES 1310, ES 200 se credits do not 3/3 units) A '22 B '22	0. CS 2102/2103. esearch (3/3 unit 3720, 4084, 47 32. 1/ 1/ CS 1004, 1101, except OIE 208 courses include 01, ES 2800, qualify. 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/
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