

B.S. in INDUSTRIAL TECHNOLOGY AND PACKAGING
Suggested 4-Year Academic Flowchart

Updated 4/23/2015

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
Electrical and Mechanical Power Systems IT 150 (4)	Product Design with CAD IT 233 (4)	Financial Accounting BUS 214 (4)	Product Design and Development IT 326 (4) <small>(GE Area B3 in PHYS, or PSC 101)</small>	Manufacturing Processes and Materials IT 260 (4) <small>(CHEM 111 or 124 or 127)</small>	Industrial Automation IT 390 (4) <small>(IT 233 and 260)</small>	Packaging Polymers and Processing IT 341 (4) <small>(Jr. standing, GE Area B3)</small>	EMPHASIS COURSE (4)¹	Packaging Fundamentals IT 330 (4) <small>(Jr. Standing; GE Area B3) [F]</small>	Applied Business Operations IT 407 (4) <small>(IT 233, 260, 311, 326, and BUS 346)</small>	APPROVED ELECTIVE (4)²	APPROVED ELECTIVE (4)²
Calculus I MATH 141 or 221 (4) <small>* [B1]</small>	Chemistry CHEM 110 or 111 (4/5) <small>* [B3/B4]</small>	Physics I PHYS 121 (4) <small>(MATH 118 or 119)</small>	Principles of Marketing BUS 346 (4) <small>*</small>	EMPHASIS COURSE (4)¹	Information Systems BUS 391 (4) <small>(BUS 214)</small>	Industrial Safety and Quality Program Leadership IT 311 (4) <small>(IT 150 and Jr. Standing)</small>	CHOOSE ONE: IT 402 (4) Winter Only <small>(COMS 101 or 102, BUS 346)</small> OR IT 406 (4) Spring Only <small>(BUS 346)</small>		EMPHASIS COURSE (4)¹	EMPHASIS COURSE (4)¹	EMPHASIS COURSE (4)¹
GE (4) **	Survey of Economics ECON 201 (4) <small>[D2]</small>	GE (4) **	Physics III PHYS 123 (4) <small>(PHYS 118, 121, 131, or 141)</small>	Statistics STAT 217 or 218 (4) <small>* [B1]</small>	GE (4) **	Lean Six Sigma Green Belt IT 303 (4) <small>(STAT 217, 218, 251, or a 300 or 400 lvl STAT)</small>	APPROVED ELECTIVE (4)²	APPROVED ELECTIVE (4)²	Senior Project I IT 461 (2) <small>(Consent of Instructor)</small>	Senior Project II IT 462 (2) <small>(Consent of Instructor)</small>	APPROVED ELECTIVE (4)²
Expository Writing ENGL 133 / 134 (4)** [A1] <small>Can be taken anytime during Freshman Year</small>											
Oral Communication COMS 101 / 102 (4)** [A2] <small>Can be taken anytime during Freshman Year</small>											
			Reasoning, Argumentation, & Writing [A3] COMS 126; COMS / ENGL 145; ENGL 148; PHIL 126 (4)** <small>(Completion of GE A1 with a C- or better) Can be taken anytime between Winter of Freshman and Winter of Sophomore Years</small>								
Free Elective (1) Recommend BUS 100									Free Elective (2-3)		
			GE (4) **			Graduation Writing Requirement GWR* <small>(Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)</small>					
17	16 - 17	12	16	16	16	16	12-16	12-16	14	14	14 - 15
										TOTAL:	180

Notes:

MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET

* Refer to current catalog for prerequisites.

**One course from each of the following GE areas must be completed: A1, A2, A3, B2, C1, C2, C3, C4, C1-C5 elective, D1, D3, D4, D5. C4 and D5 should be taken only after Junior standing is reached (90 units).

Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR). USCP requirement can be satisfied by some (but not all) courses within GE categories: C3, C4, D1, D3, D4, D5.

¹Select Emphasis Area in either Industrial Technology or Packaging Technology. See curriculum and specific emphasis flowchart for required courses. If a course is taken to meet the emphasis area requirement, it cannot be double-counted as an approved elective.

²Select from BUS 304, 310; or any upper division (300-400 level) IT courses.

Legend:

Course Title Course # (Units)		Major (88)
(Prerequisite)		Support (36-37)
[GE Area]		General Ed. (52)
		Free Electives (3-4)