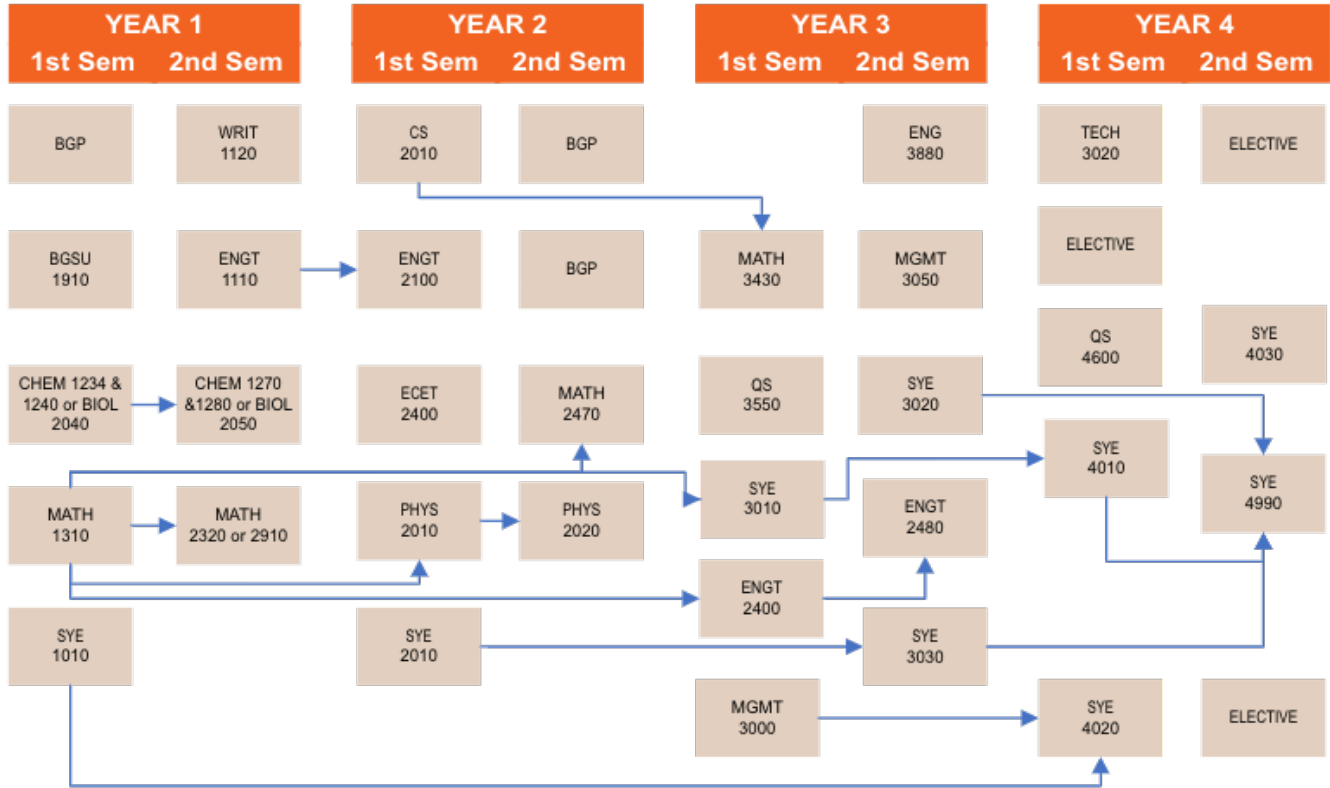


	Course Number	Credit Taken Hrs	Grade	Course Name	Prerequisites/Advisor Notes	Course Offering*		
						F	Sp	Su
FIRST YEAR FALL	BGP 1910	1		First Year Seminar		x		
	BGP	3			Human & the Arts / Cultural Diversity	x	x	x
	CHEM 1230 & 1240 or BIOL 2040	4-5		Gen Chem I & Lab or Concepts in Biology I		x	x	x
	MATH 1310	5		Calculus and Analytic Geometry	By Placement or MATH 1280, MATH 1290 or MATH 1300	x	x	x
	SYE 1010	3		Introduction to Systems Engineering		x	x	x
	Semester Total	16-17						
FIRST YEAR SPRING	CHEM 1270 & 1280 or BIOL 2050	4-5		Gen Chem II & Lab or Concepts in Biology II	CHEM 1230 & 1240 or CHEM 1350 & MATH between 1200 & 1300	x	x	x
	ENGT 1100	3		Basic Computer-Aided Design		x	x	
	MATH 2320 (5) or MATH 2910 (3)	3-5		Calculus and Analytic Geometry II or Applied Engineering Mathematics with Applications	MATH 1310 or MATH 1350 or MATH 1340 and MATH 1350	x	x	
	WRIT 1120	3		Seminar in Research Writing	By Placement or WRIT 1010 or WRIT 1110	x	x	x
	Semester Total	13-16						
	FIRST YEAR TOTAL	29-33						
SECOND YEAR FALL	CS 2010	3		Programming Fundamentals	By Placement or MATH 1200 or MATH 99 or higher	x	x	x
	ECET 2400	3		Electronic Circuits	MATH 1280	x		
	ENGT 2100	3		Solid Modeling	ENGT 1100	x		
	PHYS 2010 or PHYS 2110	5		College Physics I or University Physics I	MATH 1200 or MATH 1310	x	x	x
	SYE 2010	3		Engineering Economics		x		
	Semester Total	17						
SECOND YEAR SPRING	BGP	3			Human & the Arts #2	x	x	x
	BGP	3			Social & Behavioral Science	x	x	x
	MATH 2470	3		Fundamentals of Statistics	Prior credit in ONE of MATH 1260, 1310, MATH 1350 or BA 1700	x	x	
	PHYS 2020 or PHYS 2120	5		College Physics II or University Physics II	PHYS 2010 or PHYS 2100	x	x	x
	Semester Total	14						
SUMMER	TECH 3890	1		Co-op		x	x	x
	Semester Total	1						
	SECOND YEAR TOTAL	32						
THIRD YEAR FALL	ENGT 2400	3		Statics	Prior credit in ONE of MATH 1280, 1300, or 1310, or both MATH 1340 & 1350	x		
	MATH 3430	3		Computing with Data	CS 1010 or CS 2010 and C or better in MATH 1310, or MATH 1340 & 1350	x		
	MGMT 3000	3		Integrated Operations and Supply Chain Mgmt		x		
	QS 3550	3		Lean Systems of Mfg and Service Applications		x		x
	SYE 3010	3		Systems Simulation and Modeling	MATH 2470	x		
	Semester Total	15						
THIRD YEAR SPRING	ENG 3880	3		Introductory Technical Writing	Junior status	x	x	
	ENGT 2480	3		Dynamics	ENGT 2400, MATH 1310 & PHYS 2010 or PHYS 2110		x	
	MGMT 3050	3		Principles of Organization and Management	Junior or Senior status		x	
	SYE 3020	3		Workplace Design			x	
	SYE 3030	3		Production & Material Handling Systems	SYE 2010		x	
	Semester Total	15						
	THIRD YEAR TOTAL	30						
FOURTH YEAR FALL	Elective	3			By Advisement	x	x	x
	QS 4600	3		Quality Management Systems Planning	QS 3800 or QS 3850	x		
	SYE 4010	3		Facility Design & Plant Layout	SYE 3010	x		
	SYE 4020	3		Logistics Transportation Systems	SYE 1010 & MGMT 3000	x		
	TECH 3020	3		Technology Systems in Societies	Junior or Senior status	x	x	x
	Semester Total	15						
FOURTH YEAR SPRING	Elective	3				x	x	x
	Elective	3				x	x	x
	SYE 4030	3		Logistics Distribution Systems			x	
	SYE 4990	3		Capstone Project	Senior status and prior credit in all 3000-level SYE courses		x	
	Semester Total	12						
	FOURTH YEAR TOTAL	27						
	DEGREE TOTAL	122						

This is not an official graduation plan but a tool to use along with your audit and check-sheet
Assuming a MATH placement of 1310, WRIT placement of 1120, and 2 years of high school language

*Fall (F), Spring (Sp), Summer (Su)

Course Sequence Flowchart with Prerequisites (Excluding Co-ops)



Program Planning

The student, in cooperation with an advisor, should use a Program Guide and the corresponding undergraduate

Matriculation

Full admittance to major in a College of Technology, Architecture and Applied Engineering program becomes effective when a student has:

1. Attained an overall BGSU GPA of at least 2.25 for all courses taken prior to applying for matriculation and a 2.5 in courses in the major;
2. Complete a cooperative educ. experience-TECH 2890(Aviation, Architecture, LDT and QS majors are exempt from this requirement);
3. Completed with a grade of "C" or better in all bold courses, as specified on program checksheets;
4. Applied for matriculation. Applications are available from the Undergraduate Student Services Offices website.

The steps listed above must be completed before students will be permitted to register for 3000 and 4000 level courses in the College of Technology, Architecture and Applied Engineering.

Co-op

All students in the College are required to complete 1-2 co-ops, depending on your major. THIS IS A COURSE. It carries credit and is graded. Full-time or part-time (20hrs/week) for two consecutive semesters, paid and must be directly related to your major. All students MUST complete the Co-op Orientation available in Canvas.