BG PERSPECTIVE (BGP) Requirements:

Course   Credits
Must complete at least 1 course in each of the following:
English Composition and Oral Communication

_____ _____

Quantitative Literacy

_____ _____

Must complete at least 2 courses in each of the following:
Humanities and the Arts

_____ _____
_____ _____

Natural Sciences

_____ _____
_____ _____

Social and Behavioral Sciences

_____ _____
_____ _____

Complete total required BGP credit hours by selecting courses from any of the above categories:

_____ _____
_____ _____
_____ _____
_____ _____

UNIVERSITY REQUIREMENTS

Note: Designated courses in the Humanities and the Arts, and the Social and Behavioral Sciences domains may be used to fulfill both a BGP requirement and one of the following university requirements:

Cultural Diversity in the U.S._____
International Perspective_____

Composition Requirement:
_____ GSW 1120 Academic Writing   _____

Total BGP Credits: Must be at least 36

Matriculation courses are shown in **bold print.**

** These courses may be used to meet BG Perspective requirements, but hours are counted only once.

***   Any ENGT or QS courses can be used as total of 6 credit hours electives based on faculty advisement; the courses shown are examples.

QS courses are offered online only.
See Undergraduate Catalog

Courses Required for Major

Cooperative Education	12 Hrs
_____ **TECH 2890 Co-op**	**4**
_____ TECH 3890 Co-op	4
_____ TECH 4890 Co-op	4

Engineering Technology Core	48 Hrs
_____ **ECET 1960 Electrical-Electronics Sys** or	**3**
_____ ECT 1910 Energy, Power, Instrument & Contl	
_____ ECET 3100 Programmable Logic Controllers	3
_____ **ENGT 1020 Intro to Desn & Eng Mgmt**	**3**
_____ **ENGT 1100 Computer Aided Design**	**3**
_____ ENGT 2100 Solid Modeling	3
_____ **ENGT 2200 Met Materials & Processes**	**3**
_____ ENGT 2400 Statics	3
_____ ENGT 2480 Dynamics	3
_____ ENGT 3200 CAM & Rapid Prototyping	3
_____ ENGT 3250 Sustainable Technologies	3
_____ ENGT 2300 Fluid Power Transmission	3
_____ ENGT 3400 Props & Test. of Eng. Materials	3
_____ ENGT 3480 Thermodynamics	3
_____ ENGT 3500 Metrology and GD&T	3
_____ QS 3550 Foundations of Lean	3
_____ QS 3710 Six Sigma Systems	3

Select only one Specialization

Mechanical Design	9 Hrs
_____ ENGT 2250 Machine Design	3
_____ ENGT 4000 Adv Modeling, Sim & Analysis	3
_____ ENGT 4500 Design Methodologies	3

Quality Systems ##	9 Hrs
_____ QS 3610 Auditing Change Services	3
_____ QS 4600 Synchronous Quality Planning	3
_____ QS 4700 Kaizen Project	3

Technical Electives***	3 Hrs
_____ Electives by Advisement	3

Other Required Courses

University	27-30 Hrs
_____ ENG 3880 (or ENG 2900)	3
_____ TECH 3020	3
_____ **MATH 1280** or 1300** or Equiv**	**3-5**
_____ MATH 1310** **or** 1340**+1350	5-6
_____ **PHYS 2010** or 2110****	**5**
_____ PHYS 2020** or 2120**	5
_____ COMM 1020** or 3060	3

Business	9 Hrs
_____ **STAT 2000** or higher**	**3**
_____ ECON 2000 **	3
_____ MGMT 3050	3

Electives (Non-Tech only)	3 Hrs
_____ _____	

Total Minimum Program Hours	**124**

Important information on the back.

College of Technology, Architecture and Applied Engineering
General Information for all students in the College

In addition to completing all requirements on the checksheet, students are responsible for:

Matriculation

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

1. Attained an overall BGSU grade point average of at least 2.25 for all courses taken prior to applying for matriculation and a 2.5 in courses in the major;

2. Completed a cooperative education experience—TECH 2890 (Aviation Studies, 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 Office.

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 2 or 3 co-ops, depending on your major. THIS IS A COURSE. It carries credit and is graded. It is full time (40 hrs/week) for the entire semester or part-time (20 hrs/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.

Email
Official University email accounts are required for all BGSU students. Official BGSU email addresses are in the form: BGSUusername@bgsu.edu. At the time of admission or initial registration, all students will receive a bgsu.edu email account. Students may anticipate that official University correspondence will be sent to this email account and they should access BGSU email on a regular and timely basis. All correspondence from Undergradute Student Services will be sent to your BGSU email.

Checksheet
The checksheet should be used in conjunction with the degree audit and advising to track progress toward degree completion.