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 in **BOLD** Print.

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

\# See the Undergraduate Catalog

\#\# QS courses are offered on-line only.

Courses Required for Major

Cooperative Education	8-12 Hrs
_____ TECH 2890 Co-op	4
_____ TECH 3890 Co-op or TECH 4950	4
_____ TECH 4890 Co-op or TECH 4950 (optional)	4

Aviation Core	30 Hrs
_____ **AERT 2150 Aviation Ground Operations**	**3**
_____ **AERT 2240 Air Traffic Control**	**3**
_____ AERT 3000 Air Transportation	3
_____ AERT 3490 Aviation Law	3
_____ AERT 3540 Aviation Management	3
_____ AERT 4040 Adv Aerodynamics	3
_____ AERT 4050 Aircraft Systems	3
_____ AERT 4600 Safety Mgmt Systems	3
_____ AERT 4680 Business Aviation	3
_____ ECT 1960 Electrical-Electronic Systems	3

Engineering Technology Core	33 Hrs
_____ **ENGT 1020 Intro to Eng Tech**	**3**
_____ **ENGT 1100 Computer Aided Design**	**3**
_____ ENGT 2100 Solid Modeling	3
_____ **ENGT 2200 Met Materials & Processes**	**3**
_____ ENGT 2250 Machine Design	3
_____ ENGT 2300 Fluid Power Transmission	3
_____ ENGT 2400 Statics & Strengths of Materials	3
_____ ENGT 3200 CAM & Rapid Prototyping	3
_____ ENGT 3400 Props & Test. of Eng. Materials	3
_____ ENGT 3500 Metrology and GD&T	3
_____ ENGT 4500 Capstone Design Project	3

Other Required Courses

University	24-27 Hrs
_____ ENG 3880 (ENG 2900)	3
_____ **MATH 1280** or 1300** Precalc or Equivalent**	**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 Related	9 Hrs
_____ **STAT 2000** or higher**	**3**
_____ QS 3550 Foundations of Lean\#\#	3
_____ QS 3710 Auditing Change Systems\#\#	3

Technical Electives (by advisement)	6 Hrs
_____ ELECTIVE @	3
_____ ELECTIVE @	3

For TECH Electives, choose at least two courses 3000 level and above:
@ AERT 2000-4990; ARCH 2360, 2710, 3360, 3370; CONS 3000-4990; ECT 1910-4990; ENGT 2000-4990; QS 3000-4990; TECH 3020, 4000, 4300, 4310, 4330; TECH 4800, 4890: TE 2520

Total Minimum Program Hours	**124 Hrs.**

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.