

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.**

College of Technology, Architecture and Applied Engineering

General Information for all students in the College

In addition to completing all requirements on the checklist, 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 check sheets;
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 Undergraduate Student Services will be sent to your BGSU email.

Checksheet

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