

**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**

_____ TECH 2890 Co-op	<b>8-12 Hrs</b> 4
_____ TECH 3890 Co-op or TECH 4950	4
_____ TECH 4890 Co-op or TECH 4950 (optional)	4

**Aviation Core**

_____ <b>AERT 2200 Private Pilot Ground</b>	<b>31 Hrs</b> 4
_____ <b>AERT 2240 Air Traffic Control</b>	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**

_____ <b>ENGT 1020 Intro to Eng Tech</b>	<b>33 Hrs</b> 3
_____ <b>ENGT 1100 Computer Aided Design</b>	3
_____ ENGT 2100 Solid Modeling	3
_____ <b>ENGT 2200 Met Materials &amp; Processes</b>	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**

_____ <b>ENG 3880 (ENG 2900)</b>	<b>24-27 Hrs</b> 3
_____ <b>MATH 1280** or 1300** Precalc or Equivalent</b>	3-5
_____ MATH 1310** or 1340**+1350	5-6
_____ <b>PHYS 2010** OR 2110**</b>	5
_____ PHYS 2020** OR 2120**	5
_____ COMM 1020** or 3060	3

**Business Related**

_____ <b>STAT 2000** or higher</b>	<b>9 Hrs</b> 3
_____ QS 3550 Foundations of Lean##	3
_____ QS 3710 Auditing Change Systems##	3

**Technical Electives (by advisement)**

_____ ELECTIVE @	<b>6 Hrs</b> 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**

**125 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.