**BG PERSPECTIVE (BGP) REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>Must complete at least 1 course in each of the following:</strong> English Composition and Oral Communication</td>
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<tr>
<td>Quantitative Literacy</td>
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<td><strong>Must complete at least 2 courses in each of the following:</strong> Humanities and the Arts</td>
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<tr>
<td>Natural Sciences</td>
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<tr>
<td>Social and Behavioral Sciences</td>
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<tr>
<td><strong>Complete total required BGP credit hours by selecting courses from any of the above categories:</strong></td>
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**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.

**Courses Required for Major**

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

- **Aviation Core**
  - AERT 2200 Private Pilot Ground: 4
  - 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**
  - 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 2300 Fluid Power Transmission: 3
  - ENGT 2400 Statics & Strengths of Materials: 3
  - ENGT 3000 Mechanical Design: 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**
    - ENG 3880 (ENG 2900): 3
    - MATH 1280** or 1300** Precalc or Equivalent: 3-5
    - PHYS 2010** OR 2110**: 5
  - **Business Related**
    - STAT 2000** or higher: 3
    - QS 3550 Foundations of Lean##: 3
    - QS 3710 Auditing Change Systems##: 3
  - **Technical Electives (by advisement)**
  - ELECTIVE @: 6 Hrs
  - ELECTIVE @: 6 Hrs

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.

Important information on the back.
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 Undergraduate 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.