**BG PERSPECTIVE (BGP) REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition and Oral Communication</td>
<td></td>
</tr>
</tbody>
</table>

Quantitative Literacy  

<table>
<thead>
<tr>
<th>Must complete at least 2 courses in each of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities and the Arts</td>
</tr>
<tr>
<td>Natural Sciences</td>
</tr>
<tr>
<td>Social and Behavioral Sciences</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Must complete at least 1 course in each of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition and Oral Communication</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Cooperative Education</th>
<th>12 Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>TECH 2890 Co-op</td>
<td>4</td>
</tr>
<tr>
<td>TECH 3890 Co-op</td>
<td>4</td>
</tr>
<tr>
<td>TECH 4890 Co-op</td>
<td>4</td>
</tr>
</tbody>
</table>

**Engineering Technology Core**  
---  
____ ECET 1960 Electrical-Electronics Sys or  
____ ECT 1910 Energy, Power, Instrument & Control  
____ ENGT 1020 Intro to Desn & Eng Mgmt  
____ ENGT 3200 CAM & Rapid Prototyping  
____ ENGT 3250 Sustainable Technologies  
____ ENGT 3400 Props & Test. of Eng. Materials  
____ ENGT 3500 Metrology and GD&T  
____ QS 3550 Foundations of Lean  
____ QS 3710 Six Sigma Systems  
____ TECH 4800 Dynamics  

**Select only one Specialization**

**Mechanical Design**  
---  
____ ENGT 2250 Machine Design  
____ ENGT 4000 Adv Modeling, Sim & Analysis  
____ ENGT 4500 Design Methodologies  

**Quality Systems ##**  
---  
____ QS 3610 Auditing Change Services  
____ QS 4600 Synchronous Quality Planning  
____ QS 4700 Kaizen Project  

**Technical Electives***  
---  
____ Electives by Advisement  
____ Electives by Advisement  

**Other Required Courses**

<table>
<thead>
<tr>
<th>University</th>
<th>27-30 Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 3880 (or ENG 2900)</td>
<td>3</td>
</tr>
<tr>
<td>TECH 3020</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1280** or 1300** or Equiv</td>
<td>3-5</td>
</tr>
<tr>
<td>MATH 1310** or 1340** or Equiv</td>
<td>5-6</td>
</tr>
<tr>
<td>PHYS 2010** or 2110**</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 2020** or 2120**</td>
<td>5</td>
</tr>
<tr>
<td>COMM 1020** or 3060</td>
<td>3</td>
</tr>
</tbody>
</table>

**Business**  
---  
____ STAT 2000** or higher  
____ ECON 2000 **  
____ MGMT 3050  

**Electives (Non-Tech only)**  
---  
____  

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 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.