### General Education: Foundation Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GE 3000 Transfer Transitions</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>ENG 1030 Composition</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>MATH 1054 Precalculus</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>COMM 1402 Speech Communication</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>GE 2024 Research &amp; Technology</strong></td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits:** 42 S.H.

### Academic Major:

**Foundation Core Courses:**

- **MATH 2415 Calculus I**
- **MATH 2416 Calculus II**
- **MATH 2995 Matrix & Linear Algebra**
- **MATH 3151 Calculus III**

**Total Credits:** 18 S.H.

### Concentration Courses:

- **MATH 2526 Applied Statistics I**
- **MATH 3110 Intro to Proofs**
- **MATH 3455 Differential Equations**
- **MATH 3247 Abstract Algebra I**

**Total Credits:** 13 S.H.

### Humanities:

- **Select Any Lit Hum Gen Ed Course**
- **Select Any 2 Humanities Course**
- **Select Any 2 Social Science Courses from the List of Approved GE Courses**
- **Any 3000-4000 Level MATH**
- **Any 3000-4000 Level MATH**
- **Any 3000-4000 Level MATH**

**Total Credits:** 3 S.H.

### Social Sciences:

- **HiST 181 World Civilization I**
- **Select Any 2 Social Science Courses from the List of Approved GE Courses**
- **Any 3000-4000 Level MATH**

**Total Credits:** 3 S.H.

### Psychology:

- **MATH 4890 Senior Seminar in Mathematics (WE)**

**Total Credits:** 3 S.H.

### Economics or ES 1010 World Geog

- **Select Any 2 Social Science Courses from the List of Approved GE Courses**

**Additional Credits:** 31 S.H.

### Political Science:

- **Additional courses in Computer Science, Physics, or other Sciences, Tech, Econ, or Management Sci recommended. At least 50% of free electives must be taken at the 3000-4000 level. No mathematics courses allowed other than MATH 1000 and Optional Internship Courses.**

**Total Credits:** 11 S.H.

### Science and Mathematics:

- **MATH 192 Precalculus II**
- **PHYS 2091 or PHYS 2095 (recommended)**
- **CSIT 165 Programming I**

**Optional Internships Courses:**

- **MATH 1000 elective**
- **PHYS 1000 elective**
- **CSIT 165 elective**

**Total Credits:** 1-2 S.H.

### Special Notes:

1. See prerequisites and equivalencies.
2. University Requirement for Graduation for all undergraduate students that must be satisfied in one way: Complete GE 3000 (transfers entering with 30 credits or more)
3. May take up to 6 credits.
| *G.E. required course.**Eng 1030 and all major courses require a grade of C or better.***MATH 1000 and ENG 1030 prereqs for CPS 1231****CPS 1231 and MATH 1054 prereq for CPS 2231*****If a student begins the Mathematics sequence at a higher level, any remaining OCC credits will apply to Pre-Calc I & II. WE: Writing Intensive |