Sinclair College – Associate of Science in Engineering and Engineering Technology University Transfer
To
University of Dayton - Bachelor of Civil Engineering

This Academic Pathway is to be used only by students who are formally admitted to the University of Dayton and enrolled in the UD-Sinclair Academy Program. Being a prospective transfer student from Sinclair College is not the same as a UD-Sinclair Academy student. Students interested in taking advantage of this Academic Pathway must apply to the Program through the UD-Sinclair Academy website at [https://www.udayton.edu/academy/index.php](https://www.udayton.edu/academy/index.php).

<table>
<thead>
<tr>
<th>SUBJECT CODE</th>
<th>COURSE NUMBER</th>
<th>SINCLAIR CREDIT HOUR</th>
<th>COURSE TITLE</th>
<th>UD COURSE #</th>
<th>UD CREDIT HOUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE</td>
<td>1211</td>
<td>5</td>
<td>General Chemistry I</td>
<td>CHM 1GF+1GFL+1XX*</td>
<td>3+1+1</td>
</tr>
<tr>
<td>COM</td>
<td>2206 or 2211**</td>
<td>3</td>
<td>Interpersonal Communication</td>
<td>CMM 320 or CMM 351</td>
<td>3</td>
</tr>
<tr>
<td>EGR</td>
<td>2201</td>
<td>4</td>
<td>Circuit Analysis</td>
<td>EGR 203+203L</td>
<td>4</td>
</tr>
<tr>
<td>ENG</td>
<td>1101</td>
<td>3</td>
<td>English Composition I</td>
<td>ENG 100</td>
<td>3</td>
</tr>
<tr>
<td>HIS</td>
<td>1112</td>
<td>3</td>
<td>Western Civilization II</td>
<td>HST 103</td>
<td>3</td>
</tr>
<tr>
<td>MAT</td>
<td>2270</td>
<td>5</td>
<td>Calculus &amp; Analytic Geometry I</td>
<td>MTH 168+1XX</td>
<td>4+1</td>
</tr>
<tr>
<td>MAT</td>
<td>2280</td>
<td>5</td>
<td>Calculus &amp; Analytic Geometry II</td>
<td>MTH 169+1XX</td>
<td>4+1</td>
</tr>
<tr>
<td>MAT</td>
<td>2310</td>
<td>4</td>
<td>Elementary Differential Equations</td>
<td>MTH 219+2XX</td>
<td>3+1</td>
</tr>
<tr>
<td>MEE</td>
<td>2101</td>
<td>3</td>
<td>Statics for Engineers</td>
<td>EGR 201</td>
<td>3</td>
</tr>
<tr>
<td>MEE</td>
<td>2201</td>
<td>3</td>
<td>Thermodynamics for Engineers</td>
<td>EGR 202</td>
<td>3</td>
</tr>
<tr>
<td>MEE</td>
<td>2301</td>
<td>3</td>
<td>Strength of Materials for Engineers</td>
<td>EGM 303</td>
<td>3</td>
</tr>
<tr>
<td>MEE</td>
<td>2401</td>
<td>3</td>
<td>Dynamics for Engineers</td>
<td>EGM 202</td>
<td>3</td>
</tr>
<tr>
<td>PHI</td>
<td>2205 or 2206</td>
<td>3</td>
<td>Introduction to Philosophy Introduction to Ethics</td>
<td>PHL 103 or PHL 1XC</td>
<td>3</td>
</tr>
<tr>
<td>PHY</td>
<td>2201</td>
<td>5</td>
<td>General Physics I</td>
<td>PHY 206+210L+2XX</td>
<td>3+1+1</td>
</tr>
<tr>
<td>PHY</td>
<td>2202</td>
<td>5</td>
<td>General Physics II</td>
<td>PHY 207+211L+2XX</td>
<td>3+1+1</td>
</tr>
<tr>
<td>ECO</td>
<td>2180, 2160,</td>
<td>6</td>
<td>Select Two Social Science Courses from: Principles of Microeconomics Principles of Macroeconomics</td>
<td>ECO 203, ECO 204,</td>
<td>6</td>
</tr>
</tbody>
</table>

2019-2020 Articulation Agreement (07.01.2019)
Sinclair College – Associate of Science in Engineering and Engineering Technology University Transfer
To
University of Dayton - Bachelor of Civil Engineering

<table>
<thead>
<tr>
<th>SUBJECT CODE</th>
<th>COURSE NUMBER</th>
<th>SINCLAIR CREDIT HOUR</th>
<th>COURSE TITLE</th>
<th>UD COURSE #</th>
<th>UD CREDIT HOUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLS</td>
<td>1120, 1100, or 1101***</td>
<td></td>
<td>American Federal Government General Psychology Introduction to Sociology</td>
<td>POL 201, PSY 101, or SOC 101</td>
<td></td>
</tr>
<tr>
<td>PSY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>63</td>
<td></td>
<td></td>
<td>63</td>
</tr>
</tbody>
</table>

- *CHE 1211 will substitute for CHM 123+123L requirement for Civil Engineering Program.
- **COM 2206 or 2211 will meet the communication requirement at the University of Dayton with the completion of the Associate Degree. This exception applies to only UD-Sinclair Academy students. Consult with your UD advisor if you are eligible for this exception.
- ***ECO 2160, ECO 2180, PLS 1120, PSY 1100, or SOC 1101 will meet the social science integrated course requirement at the University of Dayton with the completion of 30 credit hours.
- PHL 1XC at UD will substitute for PHL 103 requirement. This exception applies to only UD-Sinclair Academy students. Consult with your UD advisor if you are eligible for this exception.
- 133 hours minimum are required for a CEE (Bachelor of Civil Engineering) degree at UD. Required GPA at the time of transfer is 3.0.

Students must complete the following additional coursework at Sinclair in order to graduate in a timely manner from UD:

<table>
<thead>
<tr>
<th>SUBJECT CODE</th>
<th>COURSE NUMBER</th>
<th>SINCLAIR CREDIT HOUR</th>
<th>COURSE TITLE</th>
<th>UD COURSE #</th>
<th>UD CREDIT HOUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAT</td>
<td>1301</td>
<td>3</td>
<td>Introduction to Civil/Construction CAD</td>
<td>CEE 221L+2XX</td>
<td>2+1</td>
</tr>
<tr>
<td>ENG</td>
<td>1201</td>
<td>3</td>
<td>English Composition II</td>
<td>ENG 200</td>
<td>3</td>
</tr>
<tr>
<td>MAT</td>
<td>2290</td>
<td>5</td>
<td>Calculus &amp; Analytic Geometry III</td>
<td>MTH 218+2XX</td>
<td>4+1</td>
</tr>
<tr>
<td>REL</td>
<td>1111, 1112, 2204, or 2255</td>
<td>3</td>
<td>Eastern Religions Western Religions Great Books: The Bible &amp; Western Culture People and Religion</td>
<td>REL 1XC, REL 103, REL 1XC, or REL 1XC</td>
<td>3</td>
</tr>
</tbody>
</table>

2019-2020 Articulation Agreement (07.01.2019)
Sinclair College – Associate of Science in Engineering and Engineering Technology University Transfer
To
University of Dayton - Bachelor of Civil Engineering

<table>
<thead>
<tr>
<th>SUBJECT CODE</th>
<th>COURSE NUMBER</th>
<th>SINCLAIR CREDIT HOUR</th>
<th>COURSE TITLE</th>
<th>UD COURSE #</th>
<th>UD CREDIT HOUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO</td>
<td>1171, 1272,</td>
<td>4</td>
<td>Principles of Biology I, Principles of Biology II</td>
<td>BIO 151+151L, 152L</td>
<td>4</td>
</tr>
<tr>
<td>CHM</td>
<td>1221, 1101,</td>
<td>4</td>
<td>General Chemistry II, Physical Geology</td>
<td>CHM 1GS+1GSL¹, GEO 115+115L, 116L</td>
<td>4</td>
</tr>
<tr>
<td>GLG</td>
<td>1201</td>
<td>4</td>
<td>Historical Geology</td>
<td>GEO 116+116L</td>
<td>4</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>18</td>
<td></td>
<td></td>
<td>18</td>
</tr>
</tbody>
</table>

- ¹Completion of both CHE 1211 and CHE 1221 will equate to CHM 123/123L and 124/124L.
- REL 1X at UD will substitute for REL 103 requirement. This exception applies to only UD-Sinclair Academy students. Consult with your UD advisor if you are eligible for this exception.

It is recommended that UDSA students start at UD (semester 5) in the Fall term.

<table>
<thead>
<tr>
<th>Semester 5 Civil Engineering Pathway  4 Semester Plan for UD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 5 Fall</strong></td>
</tr>
<tr>
<td>EGR 103</td>
</tr>
<tr>
<td>CEE 213</td>
</tr>
<tr>
<td>CEE 300</td>
</tr>
<tr>
<td>CEE 313</td>
</tr>
<tr>
<td>CEE 313L</td>
</tr>
<tr>
<td>CEE 316</td>
</tr>
<tr>
<td>CEE 403</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 7 Fall</th>
<th><strong>CR</strong></th>
<th>Semester 8 Spring</th>
<th><strong>CR</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>CEE 400</td>
<td>0</td>
<td>CEE 421</td>
<td>3</td>
</tr>
</tbody>
</table>

2019-2020 Articulation Agreement (07.01.2019)
**Sinclair College – Associate of Science in Engineering and Engineering Technology University Transfer**

To

**University of Dayton - Bachelor of Civil Engineering**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEE 411</td>
<td>3</td>
<td>CEE 450</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Capstone)</td>
<td></td>
</tr>
<tr>
<td>CEE 412</td>
<td>3</td>
<td>HST 343</td>
<td>3</td>
</tr>
<tr>
<td>CEE 424</td>
<td>3</td>
<td>CEE EL</td>
<td>3</td>
</tr>
<tr>
<td>CEE 434</td>
<td>3</td>
<td>CEE EL</td>
<td>3</td>
</tr>
<tr>
<td>CEE 434L</td>
<td>1</td>
<td>Approved CAP Course</td>
<td>3</td>
</tr>
<tr>
<td>Approved CAP Course</td>
<td>3</td>
<td>TOTAL</td>
<td>18</td>
</tr>
<tr>
<td>TOTAL</td>
<td>16</td>
<td>TOTAL</td>
<td>18</td>
</tr>
</tbody>
</table>

- Review your DegreeWorks audit with your UD academic advisor to fully understand the CAP course requirements, remaining degree requirements, and specific course options.