Sinclair College – Associate of Science Degree in Mathematics
To
University of Dayton – Bachelor of Arts
Major – Mathematics

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).

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<th>COURSE TITLE</th>
<th>UD COURSE #</th>
<th>UD CREDIT HOURS</th>
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<td>COM</td>
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<td>3</td>
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<td>MTH 2XX</td>
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<td>First Year Experience</td>
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2020-2021 Articulation Agreement (07.01.2020)
### Academic Pathways

#### Articulation Agreement (07.01.2020)

**SUBJECT CODE** | **COURSE NUMBER** | **SINCLAIR CREDIT HOUR** | **COURSE TITLE** | **UD COURSE #** | **UD CREDIT HOUR**
--- | --- | --- | --- | --- | ---
BIO | 1171, 1272, 1211, 1221, 2201, or 2202 | 10 | Select Two Courses from Two Different Disciplines: Principles of Biology I, Principles of Biology II, General Chemistry I, General Chemistry II, General Physics I, General Physics II | BIO 151+151L, BIO 152+152L, CHM 1GF+1GFL, CHM 1GS+1GSL, PHY 206+210L, or PHY 207+211L | 8

- *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.
- **Students are strongly recommended to take MAT 2310 Elementary Differential Equations because depending on their Mathematics Elective courses they select at UD, some of the courses require MTH 219 (UD’s course equivalent to MAT 2310) course.
- ***PSY 1100 or SOC 1101 will meet the social science integrated course requirement at the University of Dayton with the completion of the Associate Degree.
- 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.
- REL 1XC 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.
- 124 hours minimum are required for a BA degree at UD. Required GPA at the time of the Associate Degree is 3.0.

#### FALL SEMESTER YEAR 1

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<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>
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ENG | 1101 | 3 | English Composition I | ENG 100 | 3 |
HIS | 1112 | 3 | Western Civilization II | HST 103 | 3 |
MAT | 2270 | 5 | Calculus & Analytic Geometry I | MTH 168 | 4 |
REL | 1111 or 1112 | 3 | Eastern Religions, Western Religions | REL 1XC or REL 103 | 3 |
SCC | 1101 | 1 | First Year Experience | ASI 150 | 1 |
TOTAL | | 15 | | | 14 |

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2020-2021 Articulation Agreement (07.01.2020)
- REL 1XC 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.

**SPRING SEMESTER YEAR 1**

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<th>SUBJECT CODE</th>
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<td>English Composition II</td>
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<td>2205 or 2206</td>
<td>3</td>
<td>Introduction to Philosophy, Introduction to Ethics</td>
<td>PHL 103 or PHL 1XC</td>
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<td>PSY</td>
<td>1100*</td>
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<td>General Psychology</td>
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- *PSY 1100 or SOC 1101 will meet the social science integrated course requirement at the University of Dayton with the completion of the Associate Degree.
- 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.

**FALL SEMESTER YEAR 2**

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**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.**

**SPRING SEMESTER YEAR 2**

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<td>Linear Algebra</td>
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***Students are strongly recommended to take MAT 2310 Elementary Differential Equations because depending on their Mathematics Elective courses they select at UD, some of the courses require MTH 219 (UD’s course equivalent to MAT 2310) course.

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**Remaining Courses to Be Completed at UD for BA in Mathematics Sample Curriculum¹**

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<th>Spring Semester Third Year</th>
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<td>Course</td>
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<td>MTH 411</td>
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2020-2021 Articulation Agreement (07.01.2020)
### Remaining Courses to Be Completed at UD for BA in Mathematics

**Sample Curriculum¹**

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<th>Course</th>
<th>Credit</th>
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<td>Creative and Performing Arts</td>
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<td>CAP Crossing Boundaries: Practical Ethical Action</td>
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<td></td>
<td>CAP Advanced Historical Studies</td>
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<td>CAP Advanced Philosophical Studies</td>
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<td>Foreign Language 201 or Contextual Course</td>
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¹The above is a sample curriculum guide. Review your DegreeWorks audit with your UD academic advisor to fully understand the remaining degree requirements and specific course options.