

ACADEMIC PATHWAYS



Sinclair College - Associate of Arts Degree To

University of Dayton - Bachelor of Science in Education Major - Adolescence to Young Adult Education - Integrated 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>.

*Students interested in the Associate of Arts degree as a pathway to the University of Dayton's Adolescent to Young Adult-Integrated Mathematics program **MUST** first meet with Dr. Wiebke Diestelkamp in the Department of Mathematics at the University of Dayton. She can be reached at 937-229-2511.*

| SUBJECT CODE | COURSE NUMBER | SINCLAIR CREDIT HOUR | COURSE TITLE | UD COURSE # | UD CREDIT HOUR |
|-------------------|---------------------------|----------------------|--|---------------------------|----------------|
| ART ART ART | 1110, 2230, 2231, | 3 | Art Appreciation Art History: Ancient-Medieval Art History: Renaissance-Contemporary | CAP Arts (See UD Advisor) | 3 |
| MUS MUS THE | 1121, 1123, or 1101 | | Music Appreciation World Music Theatre Appreciation | | |
| CIS | 1111 | 3 | Introduction to Problem Solving and Comp Programming | CPS 149 | 3 |
| COM | 2206 or 2211 | 3 | Interpersonal Communication Effective Public Speaking | CMM 320 or CMM 351 | 3 |
| ENG | 1101 | 3 | English Composition I | ENG 100 | 3 |
| ENG | 1201 | 3 | English Composition II | ENG 200 | 3 |
| HIS | 1101 or 1102 | 3 | United States History I United States History II | HST 251 or HST 252 | 3 |
| HIS | 1112 | 3 | Western Civilization II | HST 103 | 3 |
| | | | (See Advisor if prerequisite math courses are required) | | |
| MAT | 2270 | 5 | Cal & Analytic Geo I | MTH 168+1XX | 4+1 |
| MAT | 2280 | 5 | Cal & Analytic Geo II | MTH 169+1XX | 4+1 |
| MAT | 2290 | 5 | Cal & Analytic Geometry III | MTH 218+2XX | 4+1 |
| MAT | 2310 | 4 | Elem Differential Equations | MTH 219+2XX | 3+1 |
| PHI | 2205 or 2206 | 3 | Introduction to Philosophy Introduction to Ethics | PHL 103 or PHL 1XC | 3 |
| PSY | 1100 | 3 | General Psychology | PSY 101 | 3 |
| REL | 1111 or | 3 | Eastern Religions | REL 1XC or | 3 |

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|--------------|------|-----------|---|---|-----------|
| | 1112 | | Western Religions | REL 103 | |
| SCC | 1101 | 1 | First Year Experience | Elective Credit (See Sinclair Advisor) | 1 |
| | | 8 | Two Ohio Transfer Module Natural Sciences Courses (from Two Different Disciplines) | CAP Natural Science (See UD Advisor) | 8 |
| | | 6 | Two Ohio Transfer Module Social & Behavioral Sciences Courses | Elective Credit (See Sinclair Advisor) | 6 |
| TOTAL | | 64 | | | 64 |

- Students must meet with the advisor before acceptance into this program.
- EDT 110 and Lab course, The Profession of Teaching, is required by the University of Dayton to be successfully completed by all students in the Department of Teacher Education. For current Sinclair students accepted into the UD-Sinclair Academy, this course may be taken at the University of Dayton, at no cost to the student, while still taking classes at Sinclair. The University of Dayton advisors can provide information regarding eligibility and registration. We strongly encourage Academy students to take EDT 110 and Lab at the University of Dayton prior to transitioning to the University of Dayton. Please note that EDT 110 and lab also be used for Sinclair's EDU 1100 when required for the associate degree.
- CPS 149 (UD equivalent) will meet computer requirement for Integrated Mathematics.
- 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.
- PSY 1100 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 BSE. Required GPA at the time of the Associate Degree is 3.0.
- 54 semester hours must be taken at a 4-year college or university, and the last 30 semester hours must be taken at the University of Dayton.
- Hours may change based on changes in licensure and/or program requirements.
- Students are strongly recommended to begin their University of Dayton programs fall term.
- It is recommended that students take at least 15 hours per semester at Sinclair.
- Conflicts of times of courses may result in course changes in the last four terms at the University of Dayton.

THE FOLLOWING ADDITIONAL COURSEWORK WILL BE REQUIRED TO COMPLETE THE BSE WITH INTEGRATED MATHEMATICS PROGRAM AT THE UNIVERSITY OF DAYTON.

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Please note: An additional Math course may be required to be taken at the University of Dayton or other four year college/university. (MTH 370 or MTH 395 are offered in specific years. MTH 395 is offered only in the fall semester of even-numbered years.)

FALL SEMESTER THIRD YEAR

| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOUR |
|--------------|---------------|--|-------------|
| EDT | 110 & 110L | The Profession of Teaching & Lab | 3 |
| EDT | 222& 222L | Mid. Childhood to Young Adult Dev. In a Diverse Society & Lab | 3 |
| EDT | 340 & 340L | (CAP Diversity & Social Justice and Crossing Boundaries: Integrative) Educating Diverse Student Populations & Lab | 3 |
| MTH | 308 | Foundations & Discrete Mathematics | 3 |
| MTH | 411 | Probability & Statistics I | 3 |
| TOTAL | | | 15 |

SPRING SEMESTER THIRD YEAR

| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOUR |
|--------------|---------------|--|-------------|
| EDT | 338 & 338L | Teaching and Learning & Lab | 3 |
| MTH | 310 | Linear Algebra & Matrices | 3 |
| MTH | 361 | Introduction to Abstract Algebra | 3 |
| MTH | 370 | Introduction to Higher Geometry (Or Spring Fourth Year) | 3 |
| | | CAP Crossing Boundaries: Faith Traditions and Advanced Philosophical/Religious Studies | 3 |
| TOTAL | | | 15 |

FALL SEMESTER FOURTH YEAR (Even-numbered years)

Please note that a math course may need to be taken fall term after graduation to complete licensure requirements.

| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOUR |
|--------------|---------------|---|-------------|
| EDT | 432 & 432L | Integrated Mathematics Methods for Adolescence to Young Adult & Lab | 4 |
| EDT | 459 | Critical Reading in Content Area | 3 |
| EDT | 481 | Assessment | 3 |
| MTH | 330 | Intermediate Analysis | 3 |
| MTH | 395 | Development of Mathematical Ideas | 3 |
| TOTAL | | | 16 |

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UNIVERSITY of
DAYTON

SINCLAIR
COLLEGE

SPRING SEMESTER FOURTH YEAR

| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOUR |
|--------------|---------------|--|-------------|
| EDT | 305 | (CAP Crossing Boundaries: Practical Ethical Action and Advanced Philosophical Studies) Philosophy & History of American Education | 3 |
| EDT | 436 | AYA Capstone Seminar (CAP Capstone) | 3 |
| EDT | 475 | Student Teaching | 12 |
| TOTAL | | | 18 |

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