**Students interested in UD Sinclair Academy program benefits must apply to the Program through the UD Sinclair Academy website at**<https://www.udayton.edu/academy/index.php>**.**

| **SUBJECT CODE** | **COURSE NUMBER** | **SINCLAIR CREDIT HOUR** | **COURSE TITLE** | **UD COURSE #** | **UD CREDIT HOUR** |
| --- | --- | --- | --- | --- | --- |
| CHE | 1211 | 5 | General Chemistry I | CHM 1GF+  1GFL+1XX\* | 3+1+1 |
| COM | 2206 or  2211\*\* | 3 | Interpersonal Communication  Effective Public Speaking | CMM 320 or  CMM 351 | 3 |
| EGR | 1101 | 4 | Introductory Mathematics for Engineering Applications | SET 150+  1XX | 2+2 |
| ENG | 1101 | 3 | English Composition I | ENG 100 | 3 |
| HIS | 1112 | 3 | Western Civilization II  Arts & Humanities OTM Elective | HST 103 | 3 |
| MAT | 2270 | 5 | Calculus & Analytic Geometry I | MTH 168+1XX | 4+1 |
| MAT | 2280 | 5 | Calculus & Analytic Geometry II | MTH 169+1XX | 4+1 |
| MET | 1301 | 4 | SolidWorks Basics | MCT 110L+  1XX | 2+2 |
| PHI | 2205 or  2206 | 3 | Introduction to Philosophy  Introduction to Ethics  Arts & Humanities OTM Elective | PHL 103 or  PHL 1XC | 3 |
| PHY | 1141 | 4 | College Physics I | PHY 201+201L | 4 |
| PHY | 1142 | 4 | College Physics II | PHY 202+202L | 4 |
| ECO  ECO  PLS  PSY  SOC | 2180,  2160,  1120,  1100, or  1101\*\*\* | 6 | **Select Two Ohio Transfer Module Social Science Courses from Different Disciplines:**  Principles of Microeconomics  Principles of Macroeconomics  American Federal Government  General Psychology  Introduction to Sociology  Social and Behavioral Science OTM Elective | ECO 203,  ECO 204,  POL 201,  PSY 101, or  SOC 101 | 6 |
| CAM  EET  MAT  MET  OPT    OPT  OPT  OPT  OPT | 1109  1150+1155  1450  2201  1100  1110  2201  2208  2240 | 3  4+3  4  3  2  3  3  3  3 | **Major Elective - Complete 12-15 Sinclair Hours from:**  Fundamentals of Tooling and Machining  DC Circuits and AC Circuits  Introductory Statistics  Statics  Tooling & Machining Metrology  Operations Work Measurement & Ergonomics  Statistical Process Control  Engineering Technology Economics & Cost Analysis  **Six Sigma: Green Belt** | MFG 108L+  1XX  ECT 110+110L  +1XX  MTH 207+1XX  MCT 215  MFG 206L+  1XX  IET 230  IET 318  IET 317  IET 408 | 1+2  3+1+3  3+1  3  1+1  3  3  3  3 |
| **TOTAL** |  | **61-64** |  |  | **61-64** |

* \*CHE 1211 will substitute for CHM 123+123L requirement for Industrial Engineering Technology Program.
* \*\*COM 2206 or 2211 will meet the communication requirement at the University of Dayton with the completion of the Associate Degree.
* \*\*\*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.
* ECT 110 and 110L credit will be granted only after both EET 1150 and 1155 courses are completed at Sinclair.
* PHL 1XC at UD will substitute for PHL 103 requirement.
* 132 hours minimum are required for a BS degree at UD. Required GPA at the time of transfer to UD is 3.0.

## Total Credit Hours for Associate’s Degree: 61-64

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

| **SUBJECT CODE** | **COURSE NUMBER** | **SINCLAIR CREDIT HOUR** | **COURSE TITLE** | **UD COURSE #** | **UD CREDIT HOUR** |
| --- | --- | --- | --- | --- | --- |
| ENG | 1201 | 3 | English Composition II | ENG 200 | 3 |
| CAM  EET  MAT  MET  OPT    OPT  OPT  OPT  OPT | 1109  1150+1155  1450  2201  1100  1110  2201  2208  2240 | 3  4+3  4  3  2  3  3  3  3 | **Major Elective – Courses Beyond 12-15 Required Sinclair Hours from:**  Fundamentals of Tooling and Machining  DC Circuits and AC Circuits  Introductory Statistics  Statics  Tooling & Machining Metrology  Operations Work Measurement & Ergonomics  Statistical Process Control  Engineering Technology Economics & Cost Analysis  **Six Sigma: Green Belt** | MFG 108L+  1XX  ECT 110+110L  +1XX  MTH 207+1XX  MCT 215  MFG 206L+  1XX  IET 230  IET 318  IET 317  IET 408 | 1+2  3+1+3  3+1  3  1+1  3  3  3  3 |
| **TOTAL** |  | **22-25** |  |  | **22-25** |

* ECT 110 and 110L credit will be granted only after both EET 1150 and 1155 courses are completed at Sinclair.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **UDSA Industrial Engineering Technology Pathway – 4 Semester Plan for UD** | | | | |
|  | | | | |
| **Semester 5**  **Fall** | **CR** |  | **Semester 6**  **Spring** | **CR** |
| EGR 103 | 2 |  | IET 316 | 3 |
| IET 332 | 3 |  | IET 323 | 3 |
| MCT 112L | 3 |  | IET 330 | 3 |
| MFG 204 | 3 |  | IET 335 | 3 |
| MFG 204L | 1 |  | IET 409 | 3 |
| REL 103 | 3 |  | MFG 240 | 3 |
| SET 153L | 1 |  | **TOTAL** | **18** |
| SET 300 | 0 |  |
| **TOTAL** | **16** |  |
|  | | | | |
| **Semester 7**  **Fall** | **CR** |  | **Semester 8**  **Spring** | **CR** |
| IET 420 | 3 |  | IET 415 | 3 |
| IET 435 | 3 |  | IET 490 (Capstone) | 3 |
| SET 400 | 1 |  | Tech Elective | 3 |
| Tech Elective | 3 |  | Tech Elective | 3 |
| Approved CAP Course | 3 |  | Approved CAP Course | 3 |
| Approved CAP Course | 3 |  | Approved CAP Course | 3 |
| **TOTAL** | **16** |  | **TOTAL** | **18** |

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

## Total Credit Hours for Bachelor’s Degree: 132

1. **ADMISSIONS & DEADLINES**

What are the admissions requirements and deadlines for being generally admitted to the University? Are there any specific admissions requirements for this program? If there is a website that lists this information please include that below.

*Students must earn a minimum 3.0 GPA from Sinclair in order to transfer to UD.*

*Students interested in applying to the UD Sinclair Academy must submit an application at* [*https://www.udayton.edu/academy/*](https://www.udayton.edu/academy/)

*High School students must have completed their junior year before applying to the Academy and current Sinclair students must earn a minimum 3.0 GPA and complete 15 credit hours from their program pathway.*

*Application deadlines to the UD Sinclair Academy:*

*Fall Semester: August 1st*

*Spring Semester: February 1st*

# TUITION & SCHOLARSHIPS

Where can a student find information about tuition and scholarship opportunities at the University? Are there any specific scholarships that a student could strive for?

*Students interested in scholarship opportunities at UD should contact:*

*Office of Admission and Financial Aid*

*Albert Emmanuel Hall*

*300 College Park*

*937.229.1000*

# MORE INFORMATION

Anything else you would like for us to publish on our transfer agreement for Sinclair students interested in transferring to your university? Where can students find more information about your university and transferring in general?

# CONTACT INFORMATION

Who can students contact for more information (name, title, email, phone)?

# *Sinclair College University of Dayton*

# *Academic Advising Center Office of Admission & Financial Aid*

# *Building 10-301 Albert Emanuel Hall*

# *444 W. Third St. 300 College Park*

# *937.512-3700 937.229.1000*