

Des Moines Area Community College

Associate of Applied Science (A.A.S.) – Construction Management

Transfer guide to the [University of Northern Iowa](#)

Bachelor of Science (B.S.) – Construction Management

1. When will I graduate?

Students transferring to UNI from this A.A.S. program at DMACC should **expect to take 79 credits at UNI**. Assuming that the student is starting at UNI during the fall semester, it will take roughly five semesters (two and a half years, a fall/spring/fall/spring/fall sequence), with no summer coursework, to graduate.

| Transfer Credit Summary | Credits |
|--|--------------------------|
| A.A.S. credits transferring directly into UNI program | 8 |
| Other credits transferring to UNI (Gen eds or electives) | 33 |
| Total credits transferring towards UNI degree | 41 |
| Total credits needed at UNI | 79 (120 total) |

2. Which A.A.S. courses transfer directly into the CM major?

Upon completion of this A.A.S. degree, the following courses within the listed program at UNI will be completed:

- TECH CM 1000 – Introduction to Construction Management Materials & Methods (3 cred.)
- TECH 1016 – Computer-Aided Design & Drafting (2 cred.)
- ACCT 2120 – Principles of Financial Accounting (3 cred.)
 - Students must complete **ACC 131** – Principles of Accounting at DMACC.

3. Which A.A.S. courses transfer directly to UNI as “gen eds” or electives?

Other general education courses built into this A.A.S. curriculum, or open electives, will also transfer to UNI.

- Any A.A.S. degree core Distributed elective (3 cred.)
 - Students should complete **SPC 101** – Fundamentals of Oral Communications **or** **SPC 122** – Interpersonal Communications at DMACC.
- Any A.A.S. degree core Math elective (3 cred.)
 - Students should complete **MAT 157** – Statistics at DMACC.
- A.A.S Degree core Social & Behavioral Sciences/Humanities elective (6 cred.)
 - Students should complete **ART 101** – Art Appreciation **or** **MUS 101** – Music Appreciation at DMACC.
 - Students should complete **ECN 120** – Principles of Macroeconomics **or** **ECN 130** – Principles of Microeconomics at DMACC.
- Additional university electives transferring (21 cred.)



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4. What would I study at UNI?

By completing the recommended A.A.S. degree plan, the student would be required to complete the courses in black, listed below, at UNI.

| Math/Science Coursework | | Cr. |
|--------------------------------|------------------------------|-----------|
| CHEM 1020 | Chemical Technology | 4 |
| MATH 1150 | Calculus for Technology | 4 |
| PHYSICS 1511 | General Physics I | 4 |
| STAT 1772 | Intro to Statistical Methods | 3 |
| Total Credits Remaining | | 12 |

| Construction Sciences | | Cr. |
|--------------------------------|------------------------------------|-----------|
| ENGR 1000 | Intro. to Eng. & Prof. Practices | 3 |
| TECH CM 1000 | Fund. Of CM Materials & Methods | 3 |
| TECH 1015 | Introduction to Sustainability | 3 |
| TECH 1016 | Computer Aided Design & Drafting | 2 |
| TECH CM 1050 | Construction Safety | 3 |
| TECH CM 1100 | Construction Documents | 3 |
| PHIL 1560 | Science, Technology & Ethics | 3 |
| TECH CM 2000 | Land, Route & Constr. Surveying | 3 |
| TECH CM 2050 | Construction Law | 3 |
| ENGR 2080 | Statics | 2 |
| ENGR 2180 | Strengths of Materials | 2 |
| TECH CM 2200 | Construction Project Management | 3 |
| TECH CM 2300 | Building Services | 3 |
| TECH CM 3000 | Heavy Constr. Operations & Equip. | 3 |
| TECH CM 3050 | Construction Estimating | 3 |
| TECH CM 3150 | Project Planning, Sched. & Control | 3 |
| TECH CM 3300 | Pre-Construction Management | 3 |
| TECH CM 4200 | Structural Comp. in Construction | 3 |
| TECH CM 4350 | Const. Company Ops. & Mgmt. | 3 |
| ENGR 4500 | Senior Design | 3 |
| Total Credits Remaining | | 52 |

| Math/Science Coursework | | Cr. |
|--------------------------------|--------------------------------|----------|
| ACCT 2120 | Princ. of Financial Accounting | 3 |
| ECON 1031 | Intro to Economics | 3 |
| ENGLISH 3772 | Tech. Writing for Eng. Tech. | 3 |
| Total Credits Remaining | | 3 |

| UNI Foundational Inquiry (UNIFI) | | Cr. |
|--------------------------------------|--|-----------|
| WR - Written Communication | | 3 |
| OC - Oral Communication | | 3 |
| QR - Quantitative Reasoning | | 3 |
| HD - Human Condition (Domestic) | | 3 |
| HG - Human Condition (Global) | | 3 |
| SR - Scientific Reasoning (with Lab) | | 4 |
| HE - Human Expression | | 3 |
| RE - Responsibility | | 3 |
| UNIFI certificate or UNIFI electives | | 3 |
| Total UNIFI Credits Remaining | | 12 |

Credits needed to earn UNI degree 79

5. How would I complete my degree?

Based on the remaining coursework, below is a semester-by-semester breakdown of how the student would complete any remaining requirements at UNI.

| Fall 1 | Cr. |
|--------------|-----------|
| PHYSICS 1511 | 4 |
| ENGR 1000 | 3 |
| PHIL 1560 | 3 |
| TECH CM 1050 | 3 |
| TECH CM 2000 | 3 |
| Total | 16 |

| Spring 1 | Cr. |
|--------------|-----------|
| MATH 1150 | 4 |
| TECH 1015 | 3 |
| TECH CM 1100 | 3 |
| ENGLISH 3772 | 3 |
| UNIFI course | 3 |
| Total | 16 |

| Fall 2 | Cr. |
|--------------|-----------|
| CHEM 1020 | 4 |
| TECH CM 2050 | 3 |
| ENGR 2080 | 2 |
| TECH CM 3000 | 3 |
| TECH CM 3050 | 3 |
| Total | 15 |

| Spring 2 | Cr. |
|--------------|-----------|
| TECH CM 2200 | 3 |
| TECH CM 2300 | 3 |
| ENGR 2180 | 2 |
| UNIFI course | 3 |
| UNIFI course | 3 |
| UNIFI course | 3 |
| Total | 17 |

| Fall 3 | Cr. |
|--------------|-----------|
| TECH CM 4200 | 3 |
| TECH CM 3150 | 3 |
| TECH CM 3300 | 3 |
| TECH CM 4350 | 3 |
| ENGR 4500 | 3 |
| Total | 15 |

Other Important Information

- This transfer guide is based off of the 2024-2025 academic catalogs at UNI & Des Moines Area Community College and includes future adjustments to the UNI curriculum.
- Courses listed in the Remaining UNI Plan of Study section are subject to change at any time and are based on a fall semester start.
- This transfer guide assumes the student is only transferring in coursework from this A.A.S. degree plan. Students **may transfer additional credits to UNI**, which will be evaluated on an individual basis.
- The UNI Foundational Inquiry (UNIFI) at UNI is the collection of general education courses required by the institution to fulfill the universities mission. For more information, visit unifi.uni.edu.