**STUDENT INFORMATION**

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| **Name:**       | **NAU ID:**        |
| **NAU E-mail Address:**        | **Phone Number:**       |
| **Term of Admission:**         | **Expected Graduation Term/Year:**        |
| **Advisor:**       | **Required Credits for Degree Program: 30** |

# **Building Science Fundamentals (9 units required):**

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| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
| BSCI 501 | Sustainable Design and Construction |       |       |       | 3 |       |       |
| BSCI 505 | Building Performance Analysis |       |       |       | 3 |       |       |
| BSCI 510 | Building Science Practicum |       |       |       | 3 |       |       |

**II. Building Science Economics (6 units required):**

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| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
| BSCI 521 | Life Cycle Analysis and Assessment |       |       |       | 3 |       |       |
| ECO 526 | Applied Environmental Economics |       |       |       | 3 |       |       |

**III. Building Science Electives (9 units required):** Select from CENE 543, CENE 666, ENV 555, ENV 591, or additional electives chosen in consultation with your advisor.

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| **Course** | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
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**IV. Thesis or Master’s Project (6 units required):** CENE 690 (0-6 units) or BSCI 699 (0-6 units)

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| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
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**ADDITIONAL INFORMATION**

**Milestones**

Students in this program must engage in original research in one of the focus areas of building science, as will be primarily mentored through the program by their advisor. Students must secure a specific advisor by the end of their second term of study. Faculty tasked to be advisors must be members of CECMEE or hold affiliate stats. NTT faculty with a terminal degree will be allowed to serve as graduate advisors. The timeline below is predicated upon two years to completion. Milestones may be revised in the event of exceptional student progress.

**Thesis Milestones**

* Assignment of Thesis Committee (Year 1, Spring): The Thesis Committee will be formed with guidance of the student's advisor, and will guide the student through the final stages of their research. The committee must consist of three faculty, with at least two members of CECMEE and optionally one faculty member from outside the area. NTT faculty with a terminal degree in their field will be allowed to serve as Thesis Committee members.
* Thesis Defense (Year 2, Spring): This examination consists of written and oral portions: The Thesis and Thesis Defense, respectively. The Thesis captures the summative outcomes of a student's research and the Thesis Defense allows for a comprehensive oral examination by the Thesis Committee to determine the merits and adequacy of the work. The outcome of this combined exam may be a Pass or Fail, with 2/3 consent of the Thesis Committee required to achieve a Pass. Students who do not receive a Pass on this exam may retake the exam the following semester.

**Non-Thesis Option**

* Completion of required coursework, including Master’s Project is required for degree.

Some courses may have prerequisites. For prerequisite information, view the course on LOUIE or see your advisor.

This Program of Study documents your progress on your academic requirements for the degree and catalog year listed above. For Department of Defense-related requirements, it serves as the evaluated and approved educational plan.

In addition to all University and Office of Graduate & Professional Studies (OGPS) policies, procedures, and requirements, graduate students must also adhere to the academic requirements, policies, procedures, and criteria outlined by their program’s Graduate Student Handbook.

**Students:** You must secure official approval by your advisor and Department Chair/Director before submitting your final Program of Study for graduation. By signing or entering your name below, you agree to the following statement:

 *“Students are responsible for complete knowledge of Academic Catalog requirements in their degree plan for their catalog year and adhering to all policies in the Academic Catalog.”*

**Advisors and Chairs/Directors:** Please indicate approval of the curriculum on the Program of Study by placing your signature (formal digital signatures are permitted) in the space provided. Plain text typed signatures will not be accepted.

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| **Student:**       | **Date:**       |
| **Advisor:**       | **Date:**       |
| **Chair:**       | **Date:**       |

**\*\*Transfer/Previous Graduate Degree/Internal Transfer/Accelerated (T/P/I/A)** – Must have Advisor approval

Transfer T = Course transferred from another university

Previous Graduate Degree P = Course taken at NAU from previous graduate degree

Internal Transfer I = Graduate-level course taken as undergraduate; Not applied to undergraduate degree

Accelerated Program “Dual-use” A = Courses completed during the undergraduate career and used to satisfy both the Bachelor’s and Master’s degree requirements. ONLY for designated Accelerated students.