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| **Graduate Certificate in  Sustainable Building Construction**  Requirements Checklist |  |

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| **Name** |  | **ID** |  | **Started** |  |

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| **Number** | **Title** | **Credits** | **Semeste** | **Mode** | **Done?** |
| **Core Course** | | | | | |
| ECO 692S | Readings in Sustainable Building Systems | 3 |  |  |  |
| **Core Electives (at least 2 courses)** | | | | | |
| BCT 520 | Energy and Buildings | 3 |  |  |  |
| BCT 540 | Design of Wood Structures | 3 |  |  |  |
| BCT 597BE | Introduction to Building Energy Modeling | 3 |  |  |  |
| BCT 597Q | Living Labs: Solving for Carbon Neutrality with High Performance Buildings | 3 |  |  |  |
| BCT 597X | LEED AP Exam Accelerator | 3 |  |  |  |
| ECO 614 | Sustainability and Smart Growth Systems | 3 |  |  |  |
| ECO 624 | Understanding Wood and Wood Products | 3 |  |  |  |
| **Electives (at least 2 courses)** | | | | | |
| BCT 521 | Environmental Control Systems and Lab | 4 |  |  |  |
| BCT 525 | Solar Energy Systems & Building Design | 3 |  |  |  |
| BCT 550 | Construction Scheduling and Project Control | 3 |  |  |  |
| ECO 692C | Sustainable Buildings Seminar (can be taken twice) | 1.5 |  |  |  |
| BCT 597N | Legal Aspects of Architecture, Engineering, and the Construction Process | 3 |  |  |  |
| ECO 620 | Studies in Building Information Modeling | 3 |  |  |  |
| ECO 697M | Mechanics of Building Materials in Construction | 4 |  |  |  |
| *Any core course not taken as core requirement:* | | | | | |
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|  |  |  |  |  |  |
|  | Total credits earned: |  |  |  |  |

**Rules (as of 5/2/2023):**

* Total credits required: 15. The entire certificate (all 15 cr.) can be counted towards the MS in Sustainable Building Systems (30 cr. total) in ECO.
* Courses can be taken as a non-degree (i.e. through UWW) or a graduate student (in any program). Max. three “University” session courses can be counted towards this certificate, all others must be UWW.
* No course substitutions are possible. Undergrad courses can’t count towards this certificate.