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|  | Idaho State University | **Last Revised 5/16/2016** |
| Doctor of Philosophy in Engineering and Applied ScienceDepartment of Civil and Environmental Engineering | | |

# R E Q U I R E M E N T S

The following are the **minimum** requirements of the Department of Civil and Environmental Engineering for Doctor of Philosophy (Ph.D.) in Engineering and Applied Science (EAS).

1. **Coursework:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Maximum credits allowed from M.S. program towards Ph.D. program | | | ……….…….. | | 30 credits |
| Minimum course work for Ph.D. program**1** | …………………………….……………….…..….. | | | | 18 credits |
| Seminar**2** *(2 to 4 credits)* and Dissertation *(32 to 34 credits)* | | …………………………..…….... | | | 36 credits |
| **Total minimum credits required for graduation** | | | | **………...** | **84 credits** |

A typical course plan for Ph.D. in EAS may be as shown in the table below.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Semester** | **1st** | **2nd** | **3rd** | **4th** | **5th** | **6th** | **Total** | **Remarks** |
| **Course Work3** | 9 | 9 |  |  |  |  | **18** |  |
| **Seminar**  *(2 to 4 credits)* |  |  | 1 | 1 | 1 | 1 | **2 - 4** |  |
| **Dissertation**  *(32 to 34 credits)* |  |  | 8 | 8 | 8 | 8 | **32 - 34** |  |

**2) Dissemination:**

One of the following is required at the time of Dissertation defense:

1. At least one article is accepted for publication (with DOI) in peer-reviewed journal.
2. At least two articles submitted to peer-reviewed journal.
3. At least two article contributions to national/international peer-reviewed conferences (accepted for presentation).

**3) Dissertation and Oral Defense:**

A complete dissertation, containing the results of relevant and original research, formatted according to the guidelines of the Graduate School and approved by the Ph.D. Advisory Committee, and an oral dissertation defense approved by the PhD Advisory Committee.

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**1**Out of which at least 6 credits should be in areas outside the main research area.

**2**Minimum of 2 credit and maximum of 4 credits of graduate seminar to be taken by each Ph.D. student.

The student must:

* give at least 1 seminar presentation based on the dissertation topic, and
* give at least 1 seminar presentation based on a topic other than the dissertation topic.

**3**A minimum of 9 credits per semester is required in order for a student to qualify as a full-time graduate teaching/research assistant (GTA/GRA).