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|  | Engineering – Idaho State University | Last Revised 8-2013 |
| Nuclear Science and EngineeringDoctor of Philosophy | | |

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

The following are the **minimum** requirements for Doctor of Philosophy (Ph.D.) in Nuclear Science and Engineering (NSE).

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| --- | --- | --- | --- | --- | --- |
| Maximum credits allowed from M.S. program towards Ph.D. program | | | | …………………………….. | 30 credits |
| Course work for Ph.D. program**1** | …………………………………………………………………………………….. | | | | 18 credits |
| Seminar**2** *(1 to 4 credits)* and Dissertation *(32 to 35 credits)* | | ……………………………………………………. | | | 36 credits |
| **Total minimum credits required for graduation** | | | **………………………………….……………….** | | **84 credits** |

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

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Semester** | **1st** | **2nd** | **3rd** | **4th** | **5th** | **6th** | **Total** | **Remarks** |
| **Course Work3** | 9 | 9 |  |  |  |  | **18** |  |
| **Seminar**  *(1 to 4 credits)* |  |  | 1 | 1 | 1 | 1 | **4** |  |
| **Dissertation**  *(32 to 35 credits)* |  |  | 8 | 8 | 8 | 8 | **32** |  |

**1**Out of which at least 9 credits should be in areas outside the main research area.

**2**Minimum of 1 credit and maximum of 4 credits of graduate seminar to be taken by each Ph.D. student. For each semester the student takes graduate seminar, the student must:

1. attend at least 10 seminar presentations given by other graduate students, or attend other professional talks, seminars, etc., and
2. make a brief report of half a page on each of the seminar presentations,

and, during the entire 4-semester period while taking graduate seminar, the student must:

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

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