

## Guidelines for PhD-Plan of Work (POW) Worksheet

Worksheets have been created to help students see how their coursework will meet the PhD requirements. It is based on the requirements listed in the ECE Graduate Handbook, which are included in an abbreviated format below. An example of how to use this worksheet, along with a blank worksheet that students can use, can be found on the following pages. There are separate worksheets for PhD students with an NCSU MS degree with continuous enrollment and for PhD students with a Non-NCSU MS degree or a NCSU MS degree without continuous enrollment.

### I. Minimum Degree Requirements

1. The PhD Plan of Work must have at least 72 credit hours, including MS credit hours.
2. ECE 600 is a mandatory 1 credit hour course for graduate students enrolled in the CPE and EE programs. This requirement will be waived for students with a previous degree from NC State.
3. For PhD students with only a BS degree:
  - a) A minimum of 30 graded credit hours must be completed at NCSU.
  - b) A minimum of 18 graded credit hours of ECE courses must be completed at NCSU.
4. For PhD students with an NCSU MS degree in EE, CPE, CPSE, or CNE:

With continuous enrollment: Graded courses from the MS degree meet PhD graded course requirements and can be included on the PhD plan of work.

Without continuous enrollment: A maximum of 18 graded credit hours from the MS degree can be included on the PhD plan of work and there are no other PhD graded course requirements.
5. For PhD students with an NCSU MS degree in a non-ECE department:

With continuous enrollment: Graded courses from the MS degree meet PhD graded course requirements and can be included on the PhD plan of work.

  - a) A minimum of 30 graded credit hours must be completed at NCSU.
  - b) A minimum of 6 graded credit hours of ECE courses must be completed at NCSU.

Without continuous enrollment: A maximum of 18 graded credit hours from the MS degree can be included on the PhD plan of work and a minimum of 6 graded credit hours of ECE courses must be completed at NCSU.
6. For PhD students with a Non-NCSU MS degree:
  - a) A maximum of 18 credit hours from the previous MS degree can be included in the PhD Plan of Work.
  - b) A minimum of 12 graded credit hours must be completed at NCSU.
  - c) A minimum of 6 graded credit hours of ECE courses must be completed at NCSU.

## II. Plan of Work Requirements

1. **Depth:** Two 700-level ECE courses (minimum of six credit hours) must be completed at NCSU. At least one of these 700-level courses must be in the student's major (EE or CPE). This requirement *cannot* be met with *non-ECE* 700-level courses.
2. **Research Credits:** ECE 833, 834, and 895.
3. Total course requirements are subject to approval of the PhD advisor, who can require courses beyond the minimum requirements listed.

**DEGREE REQUIREMENTS**

|              | Graded NCSU courses (30 credit hours, minimum) | credit hours |
|--------------|--|--------------|
| 1            |  |              |
| 2            |  |              |
| 3            |  |              |
| 4            |  |              |
| 5            |  |              |
| 6            |  |              |
| 7            |  |              |
| 8            |  |              |
| 9            |  |              |
| 10           |  |              |
| <b>Total</b> |  |              |

|                  |     |  |
|------------------|-----|--|
| <b>Depth(2):</b> |     | two 700-level ECE courses, one of which has to be in major |
| EE               | CPE |  |
| EE               | CPE |  |

|              | Graded NCSU ECE courses (18 credit hours, minimum) |  |
|--------------|--|--|
| 1            |  |  |
| 2            |  |  |
| 3            |  |  |
| 4            |  |  |
| 5            |  |  |
| 6            |  |  |
| <b>Total</b> |  |  |

|  |          |
|--|----------|
| ECE 600  | <b>1</b> |
| ECE 833, 834, 895 credit hours                 |          |
| Graded NCSU courses (30 credit hours, minimum) |          |
| <b>Total (72 hours, minimum)</b>               |          |

**DEGREE REQUIREMENTS**

|              | Graded NCSU courses (30 credit hours, minimum) | credit hours |
|--------------|--|--------------|
| 1            |  |              |
| 2            |  |              |
| 3            |  |              |
| 4            |  |              |
| 5            |  |              |
| 6            |  |              |
| 7            |  |              |
| 8            |  |              |
| 9            |  |              |
| 10           |  |              |
| <b>Total</b> |  |              |

|                  |     |   |
|------------------|-----|---|
|                  |     | two 700-level ECE courses, one of which |
| <b>Depth(2):</b> |     | has to be in major                      |
| EE               | CPE |   |
| EE               | CPE |   |

|              | Graded NCSU ECE courses (6 credit hours, minimum) |  |
|--------------|---|--|
| 1            |   |  |
| 2            |   |  |
| <b>Total</b> |   |  |

**With continuous enrollment:**

|  |   |
|--|---|
| ECE 600  | 1 |
| ECE 833, 834, 895 credit hours                 |   |
| Graded NCSU courses (30 credit hours, minimum) |   |
| <b>Total (72 hours, minimum)</b>               |   |

**Without continuous enrollment:** A maximum of 18 graded credit hours from MS degree can be included on PhD plan of work and a minimum of 6 graded credit hours of NCSU ECE courses must be completed

**DEGREE REQUIREMENTS**

|              | Graded NCSU courses (12 credit hours, minimum) | credit hours |
|--------------|--|--------------|
| 1            |  |              |
| 2            |  |              |
| 3            |  |              |
| 4            |  |              |
| <b>Total</b> |  |              |

|  |                           |
|--|---------------------------|
| <b>two 700-level ECE courses, one of which</b> |                           |
| <b>Depth(2):</b>                               | <b>has to be in major</b> |
| EE CPE   |                           |
| EE CPE   |                           |

|              | Graded NCSU ECE courses (6 credit hours, minimum) |  |
|--------------|---|--|
| 1            |   |  |
| 2            |   |  |
| <b>Total</b> |   |  |

|   |           |
|---|-----------|
| <b>ECE 600</b>  | <b>1</b>  |
| <b>MS Credit Hours</b>                                | <b>18</b> |
| <b>Graded NCSU courses (12 credit hours, minimum)</b> |           |
| <b>ECE 833, 834, 895 credit hours</b>                 |           |
| <b>Total (72 hours, minimum)</b>                      |           |