

## 2017-2018 Graduating Senior Survey: Chemical Engineering Program

NCSU's Chemical Engineering (ChE) program would like your feedback on its Program Educational Objectives (PEOs). PEOs are defined as what graduates of the ChE program are expected to achieve within five years of graduation. With this in mind, the ChE program expects its graduates to achieve one or more of the following within five years of graduation:

- Excel in engineering practices and/or entrepreneurship in various industries, including petrochemical, biochemical, pharmaceutical, fine chemical, environmental, semi-conductor, pulp and paper, advanced materials, and health care industries.
- Advance professionally in positions of increasing leadership responsibilities in their chosen career fields.
- Earn an advanced degree or certification leading to a career in academia, law, medicine, or research and development.
- Exhibit professionalism, a habit of continual learning, interest in contemporary issues of importance to society, appreciation of the impact of engineering development in society, and ethical responsibility -- particularly in the context of environmental protection, process/product safety, financial accountability, and community well-being.

Once you have answered all the questions, you must click on the **NEXT** button at the end of the form to submit your answers.

**1. First, how important do you think it is that ChE students achieve each of these individual objectives within five years of graduating?**

	Very Important	Somewhat Important	Not Very Important	Not at all Important
a. Excel in engineering practices and/or entrepreneurship in various industries, including petrochemical, biochemical, pharmaceutical, fine chemical, environmental, semi-conductor, pulp and paper, advanced materials, and health care industries	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Advance professionally in positions of increasing leadership responsibilities in their chosen career fields	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Earn an advanced degree or certification leading to a career in academia, law, medicine, or research and development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Exhibit professionalism, a habit of continual learning, interest in contemporary issues of importance to society, appreciation of the impact of engineering development in society, and ethical responsibility -- particularly in the context of environmental protection, process/product safety, financial accountability, and community well-being	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**2. How well do you think the ChE program is preparing you to achieve each of these individual objectives?**

	Very Well	Somewhat Well	Not Very Well	Not at all Well
a. Excel in engineering practices and/or entrepreneurship in various industries, including petrochemical, biochemical, pharmaceutical, fine chemical, environmental, semi-conductor, pulp and paper, advanced materials, and health care industries	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Advance professionally in positions of increasing leadership responsibilities in their chosen career fields	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Earn an advanced degree or certification leading to a career in academia, law, medicine, or research and development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Exhibit professionalism, a habit of continual learning, interest in contemporary issues of importance to society, appreciation of the impact of engineering development in society, and ethical responsibility -- particularly in the context of environmental protection, process/product safety, financial accountability, and community well-being	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**3. How appropriate do you think it is for the ChE program to have these specific objectives for their undergraduate students?**

	Very Appropriate	Somewhat Appropriate	Not Very Appropriate	Not at all Appropriate
a. Excel in engineering practices and/or entrepreneurship in various industries, including petrochemical, biochemical, pharmaceutical, fine chemical, environmental, semi-conductor, pulp and paper, advanced materials, and health care industries	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Advance professionally in positions of increasing leadership responsibilities in their chosen career fields	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Earn an advanced degree or certification leading to a career in academia, law, medicine, or research and development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Exhibit professionalism, a habit of continual learning, interest in contemporary issues of importance to society, appreciation of the impact of engineering development in society, and ethical responsibility -- particularly in the context of environmental protection, process/product safety, financial accountability, and community well-being	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**4. Please carefully read each objective. What, if any, suggestions do you have for changes to the objective? What revisions would you make? What's missing? What could be dropped?**

**Excel in engineering practices and/or entrepreneurship in various industries, including petrochemical, biochemical, pharmaceutical, fine chemical, environmental, semi-conductor, pulp and paper, advanced materials, and health care industries.**

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**Advance professionally in positions of increasing leadership responsibilities in their chosen career fields.**

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**Earn an advanced degree or certification leading to a career in academia, law, medicine, or research and development.**

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**Exhibit professionalism, a habit of continual learning, interest in contemporary issues of importance to society, appreciation of the impact of engineering development in society, and ethical responsibility -- particularly in the context of environmental protection, process/product safety, financial accountability, and community well-being.**

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**5. Finally, think about the objectives as a whole. Is there something you feel ChE program graduates should achieve within five years of graduation that is not included among the objectives? Please describe as thoroughly as possible.**

- Excel in engineering practices and/or entrepreneurship in various industries, including petrochemical, biochemical, pharmaceutical, fine chemical, environmental, semi-conductor, pulp and paper, advanced materials, and health care industries.
- Advance professionally in positions of increasing leadership responsibilities in their chosen career fields.
- Earn an advanced degree or certification leading to a career in academia, law, medicine, or research and development.
- Exhibit professionalism, a habit of continual learning, interest in contemporary issues of importance to society, appreciation of the impact of engineering development in society, and ethical responsibility -- particularly in the context of environmental protection, process/product safety, financial accountability, and community well-being.

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Thank you for completing the Graduating Senior Survey for the Chemical Engineering program. **Please be sure to click on the 'Next' button to submit your responses.**

Depending on the major(s) in which you will be earning a degree from NC State in either December 2017 or May 2018, after clicking on the 'Next' button you might be directed to additional questions for your major(s). Your department very much appreciates your taking the time to answer these questions.