Recommendations

B.S. Chemical Engineering

To learn more about making the most of your educational experiences within and beyond the classroom contact:
Chris Williams, Program Coordinator, willia84@cec.sc.edu
PARTICIPATE

Community Service

Sites/Experiences

Engineers Week in February volunteers, CEC ambassadors.

Why this is important

The greater Columbia area is invited to the College of Engineering and Computing. We need volunteers to help out during this event.

Global Learning

Related course

ECHE 573 M, Next Energy - Maymester course. 2 week survey course on energy topics, travel to Germany.

Timing for “study abroad”

Maymester

Destinations

Germany

Why this is important

To learn about energy and sustainability, to get a better global perspective.

Peer Leadership

Student Organization(s)

Gamecock Toastmasters – Toastmasters is an international organization dedicated to developing the communication and leadership skills of members. There are 20+ student organizations in CEC.

Opportunities

Various engineering students organizations. AIChE. Tau Beta Pi.

Why this is important

Students need to be good communicators to be good leaders.

How to get started

New Student Welcome (before New Student Convocation in August)

Internships

Recommended sites/work experiences

Most engineering summer internships are paid. Apply online or find out more at the engineering career services. Co-Ops are similar but require at least one spring or fall rotation.

Why this is important

Internships and Co-Ops allow students to get work experience while they make money and “try out” a given industry or company.

How students can get started

Go to the career center or look for postings on jobmate.

Research

Related courses

ECHE 499. Other ways students can get involved in research include volunteering, getting a paid research assistantship; Magellan Scholars Program, etc.

Sample research projects or topics


Other recommendations

Degree with distinction. Do research and defend a thesis to get “Degree with Distinction”

Why this is important

It gives students headed to grad school a jump on their graduate studies. It gives students not headed to grad school a chance to learn cutting edge technologies. In many cases, students can also make money.
INTEGRATE
How to integrate Capstone Design course

LEAD
Initial career opportunities Process Engineer.
Related graduate programs MS or PhD in Chemical Engineering.

The listed experiences are a sample of options for your major. See the USC Connect experiences database to search for more opportunities.
www.sc.edu/usccconnect/participate