The Polymer & Color Chemistry (PCC) degree is a unique program that offers each student a rigorous applied chemistry education with relevance to many major industries and societal needs. Our students learn core physical science subjects yet focus in a number of key applied chemistry related fields including environmental impact and sustainability of polymer-based products. In addition to the fiber and textile arena, industries that hire our students include: polymers & plastics, medical sciences; paints & coatings; cosmetics; pharmaceuticals; specialty chemicals; and retail. Many of our students aim high and pursue graduate degrees or professional degrees in medical fields or law.

Tailor a Program to Fit Your Educational Goals

- **Three Curriculum Tracks**
  - **Medical Sciences** - Enables students to pursue medical, dental, or pharmaceutical professional degrees
  - **American Chemical Society Certified** - Enables students to pursue graduate and professional degrees
  - **Science and Operations** - Highly flexible track that enables students to pursue double majors and minors

- **Dual Degree Options**
  - PCC / CH (Chemistry)
  - PCC / TE (Textile Engineering)
  - PCC / CHE (Chemical Engineering)
  - PCC / BME (Biomedical Engineering)

- **Minors in a Variety of Disciplines**
  - Forensic Science
  - Biological Sciences
  - Environmental Sciences

- **Accelerated Bachelor's Master's (ABM) Program**
  - Five-year program that enables concurrent pursuit of a BS and MS in PCC for academically strong students

The Advantages are Impressive

- Average starting salary: $41,497 ($34k - $62k) in 2014
- 90% placement in 2013, 98% placement in 2012, 100% placement in 2011 graduating classes
- Small class sizes with < 1:20 professor-to-student ratio
- Facilities and labs that rival those in industry
- Access to largest college-based scholarship program
- Lifelong access to College of Textiles’ Career Center
- Undergraduate research with renowned & diverse faculty
- Exciting summer internship opportunities: Gap, Nike, Under Armour, SBI, Unifi, NIH, Harvard University, NASA

PCC Students Succeed

- Ian Hill Awarded a National Goldwater Scholarship
- Sydney Hill, National Graduate Research Fellowship
- Nicholas Dippel, Peace Corps
- Annie Wilt and Sarah Paluskiewicz Study Abroad at the University of Leeds in England Spring 2014
- Park, Caldwell, and Centennial Scholarship Recipients

Capstone and Undergraduate Research

- **Fundamental Physical Sciences**
- **Medical Sciences**
- **American Chemical Society**
- **Science and Operations**
- **Capstone Analytical Chemistry and Undergraduate Research**

- Industry and government sponsored projects: Cotton Inc., HanesBrands Inc., IOA Healthcare Furniture, TPACC
- Analysis and identification of dyes in fabrics for forensic science
- Characterization of dye-sensitized solar cells
- Real-time dye bath monitoring for sustainable dyeing
- Quantifying nuisance odors on cotton
- Characterization of faux leather degradation by hospital cleaning solutions
- Permeability effectiveness of chemical protection garments

A Degree in PCC Can Take You Anywhere

- **A Successful Professional Career**
  - **Retail Companies**: Nike, GAP, Victoria’s Secret, Under Armour, HanesBrands Inc., Abercrombie and Pitch
  - **Forensics**: FBI, SBI
  - **Traditional Textile Companies**: Unifi, Milliken, ITG, Guilford Performance
  - **Fiber Producers / Chemical Companies**: PGI, DuPont, Monsanto, Eastman Chemical Company, Cotton Inc., Teijin, Highland Industries
  - **Plastic Companies**: Plaspak Inc., IPS Corporation
  - **Service**: Peace Corps, Teach for America
  - **Other Companies**: Eisai Pharmaceuticals, Merc, Underwriters Laboratory, Ideal Fasteners

- **Graduate School**
  - **Chemistry**: NC State, SUNY Buffalo, UC Berkeley, U of Washington
  - **Biological and Biomedical Sciences**: Harvard
  - **Textile Chemistry**: NC State
  - **Textile Engineering**: NC State
  - **Biomedical Eng**: NC State
  - **Polymer Science**: UC Santa Barbara, NC State

- **Professional School**
  - **Law**: Wake Forest, UNC-CH
  - **Dentistry**: UNC-CH
  - **Pharmacy School**: UNC-CH, Mercer
  - **Medical**: Wake Forest, UNC-CH