Textiles (T)

T 101 Introduction to the College of Textiles (1 credit hours)
Introduction topics related to the College of Textiles, the textile industry, all textile curricula, advising, academic skills, teamwork, research and personnel involved in the college. Students will not receive credit for both USC 301 and T 101.

Typically offered in Fall and Spring

T 102 Introduction to Product Evolution (2 credit hours)
Students explore the new product development (NPD) process through analysis of case studies of how textile products are designed and developed for a variety of sectors of our economy, including automotive, medical, industrial, furniture, and clothing. Students develop critical thinking skills as they read a variety of texts and respond using several forms of writing techniques.

Typically offered in Fall and Spring

T 104 Fabric of Success and Career Readiness (1 credit hours)
This course will provide students with the knowledge and resources needed to effectively identify, plan, and achieve their career interests and goals. Participants will develop the career-readiness skills that employers seek in new hires, thus allowing them to be better prepared for and successful in their future internship and job searches.

Restriction: Wilson College of Textiles Students with 15+ hours completed at NC State

Typically offered in Fall and Spring

T 200 Introduction to Textiles (3 credit hours)
Survey of textiles including technical and economic history of the industry; physical and chemical processes involved in producing textile products from raw materials; unique aesthetic, physical and chemical properties of textiles and how these properties are determined by raw materials and production processes; and influence of properties of textile materials on their utilization and performance. Not open to students required to take TT 105; open to transfer students

Typically offered in Fall, Spring, and Summer

T 491 Honors Seminar in Textiles (1 credit hours)
A seminar on current university and industrial research in the field of textiles.

Prerequisite: By invitation into Honors Program in Textiles

Typically offered in Spring only

T 493 Industrial Internship in Textiles (3 credit hours)
Paid professional-level work experience in textiles, relating academic training in science and technology to industrial practice under professional guidance. Written and final oral presentation used for grading. Limited to three hours per student. Individualized/Independent Study and Research courses require a Course Agreement for Students Enrolled in Non-Standard Courses be completed by the student and faculty member prior to registration by the department.

Prerequisite: Textile core courses

Typically offered in Summer only

T 495 International Collaboration in Textiles Research (1-6 credit hours)
Directed undergraduate research in Textiles and/or Apparel related areas that requires collaboration with students at an institution abroad. The research project is structured as an international team project in an applied field that allows students in

Prerequisite: GPA of 2.75 or better and JR standing

Typically offered in Fall, Spring, and Summer

T 497 Independent Research in Textile Engineering, Chemistry and Materials Science I (1-3 credit hours)
Independent research in Textile Engineering, Chemistry and Materials Science topics through experimental, theoretical and literature studies. Written and oral reports required. Individualized/Independent Study and Research courses require a Course Agreement for Students Enrolled in Non-Standard Courses be completed by the student and faculty member prior to registration by the department.

Prerequisite: Junior standing in TECS; 2.8 GPA

Typically offered in Fall, Spring, and Summer

T 498 Independent Research in Textile Engineering, Chemistry and Materials Science II (1-3 credit hours)
Independent research in Textile Engineering, Chemistry and Materials Science topics through experimental, theoretical and literature studies. Written and oral reports required. Individualized/Independent Study and Research courses require a Course Agreement for Students Enrolled in Non-Standard Courses be completed by the student and faculty member prior to registration by the department.

Prerequisite: T 497

Typically offered in Fall, Spring, and Summer