

# Textiles (T)

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## **T 101 Strategies for Success in the Wilson College of Textiles** (1 credit hours)

Introduction to topics related to the Wilson College of Textiles, all textile curricula, advising, academic skills, high impact activities, diversity, career preparation, campus resources and key Wilson College personnel. 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 30+ hours completed at NC State or have junior status

*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 Internship in Textiles** (1-3 credit hours)

Students enrolled in T 493 will complete a professional internship experience in a supervised textiles-related role. Students must acquire their own internship prior to enrolling in the course.

R: Textiles Students Only, Departmental Approval Required

*Typically offered in Fall, Spring, and Summer*

## **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 different countries to work together using various communication tools. Students shall arrange international contacts and provide a written proposal of the project to the undergraduate administrator or course coordinator prior to registration. 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: 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 and Spring*

## **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 Spring only*