

ERCIYES UNIVERSITY, ENGINEERING FACULTY
TEXTILE ENGINEERING
PhD PROGRAM

| FALL TERM | | | | | | |
|-------------|--|---|---|-----|------|------------|
| Course Code | Course title | T | P | C | ECTS | Statue |
| TEM 600 | Seminar | 0 | 2 | 4 | 4 | Compulsory |
| TEM 609 | Experimental Design and Analysis | 3 | 0 | 7.5 | 7.5 | Compulsory |
| TEM 601 | Special Topics in Textile Structural Composites | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 603 | Fiber Based Multiaxis Three Dimensional (3D) Structures | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 605 | Investigation of Fiber and Polymer Microstructures | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 607.5 | Principles of Textile and Polymer Physics | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 611 | Mechanics and Optimization of Textile Reinforced Composites | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 613 | The Process and Quality Control in Textile Production Sector Yarn Spinning | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 615 | Industrial Dyes | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 617.5 | Mechanical and Rheological Properties of Fibers | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 619 | Physical Chemistry and Solution Properties of Polymers | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 621 | Biochemistry and Textile Applications | 3 | 0 | 7.5 | 7.5 | |
| TEM 623 | Special Topics in Advanced Textile and Polymer Sciences | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 625 | Advanced Methods in Textile Treatment Processes | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 627.5 | Advanced Statistical Quality Control and Management | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 629 | Computer Programming with MATLAB in Textile Research | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 631 | Controlled Release in Polymeric Materials | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 777 | Preparation for Proficiency (Course 2) | 0 | 0 | 30 | 30 | Compulsory |
| TEM 811 | Thesis Studies 1 (Course 2) | 0 | 0 | 25 | 25 | Compulsory |
| TEM 813 | Thesis Studies 3 (Course 2) | 0 | 0 | 25 | 25 | Compulsory |
| TEM 815 | Thesis Studies 5 (Course 2) | 0 | 0 | 25 | 25 | Compulsory |
| TEM 851 | Special Field Course 1 (Course 2) | 4 | 0 | 5 | 5 | Compulsory |
| TEM 853 | Special Field Course 3 (Course 2) | 4 | 0 | 5 | 5 | Compulsory |
| TEM 855 | Special Field Course 5 (Course 2) | 4 | 0 | 5 | 5 | Compulsory |
| EGB 601 | Development and Learning (Course 2) | 3 | 0 | 6 | 6 | Compulsory |

| SPRING TERM | | | | | | |
|-------------|---|---|---|-----|------|------------|
| Course Code | Course title | T | P | C | ECTS | Statue |
| TEM 602 | Sandwich Structures | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 604 | Characteristics of Three Dimensional (3D) Preforms for Technical Textiles | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 606 | Smart Fiber Technologies | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 608 | Basics of Scientific Investigation | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 610 | Fusing Technology in Clothing | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 612 | Advanced Textile Mechanics | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 614 | Hybrid Yarn Production Techniques and Features | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 616 | Color Physics and Industrial Applications | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 618 | Advanced Statistical Quality Control and Management | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 620 | Characteristics of Polymers in Fiber Science | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 622 | Design of Experiments and Response Surface Methods | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 624 | Eco-Friendly Novel Pretreatment Processes | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 626 | Treatment of Textile Waste Water | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 628 | Commercial Polymers and Fields of Application | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 630 | Computer Programming with MATLAB in Textile Research II | 3 | 0 | 7.5 | 7.5 | Optional |
| TEM 812 | Thesis Studies 2 (Course 2) | 0 | 0 | 25 | 25 | Compulsory |
| TEM 814 | Thesis Studies 4 (Course 2) | 0 | 0 | 25 | 25 | Compulsory |
| TEM 852 | Special Field Course 2 (Course 2) | 4 | 0 | 5 | 5 | Compulsory |
| TEM 854 | Special Field Course 4 (Course 2) | 4 | 0 | 5 | 5 | Compulsory |
| EGB 602 | Instructional Planning and Evaluation (Course 2) | 3 | 0 | 4 | 5 | Compulsory |