

Ning Pan, Ph.D., Professor (*Textiles and Clothing, Biological and Agricultural Engineering*)
 Victoria Z. Rivers, M.A., Professor (*Design*)
 Margaret H. Rucker, Ph.D., Professor (*Textiles and Clothing*)
 James F. Schackelford, Ph.D., Professor (*Chemical Engineering and Materials Science*)
 Charles F. Shoemaker, Ph.D., Professor (*Food Science and Technology*)
 Gang Sun, Ph.D., Associate Professor (*Textiles and Clothing*)

Emeriti Faculty

Gyongy Laky, M.A., Professor Emeritus (*Textiles and Clothing*)
 Howard G. Schutz, Ph.D., Professor Emeritus (*Consumer Science*)
 Jo Ann C. Stabb, M.A., Senior Lecturer Emeritus (*Design*)
 S. Haig Zeronian, Ph.D., Professor Emeritus (*Textiles and Clothing*)

Graduate Study. The Graduate Group in Textiles offers a program of study and research leading to the M.S. degree. Students in the program use an interdisciplinary approach emphasizing the physical and behavioral science aspects of textiles. Research areas include chemical, physical, biochemical, and mechanical properties of fibers and polymers as well as fibrous assemblies, including composites, paper, and nonwovens; and psychological and sociological factors relating to perception and consumption of textiles and apparel. Extensive specialized fiber, polymer, and textiles research facilities and a behavioral research laboratory are available. For detailed information regarding the program, address the Chairperson of the Group.

Graduate Adviser. G. Sun (*Textiles and Clothing*)

Textiles and Clothing

(College of Agricultural and Environmental Sciences)

Susan B. Kaiser, Ph.D., Chairperson of the Division

Division Office. 129 Everson Hall
 (530) 752-6650; <http://textiles.ucdavis.edu>

Faculty

You-Lo Hsieh, Ph.D., Professor
 Susan B. Kaiser, Ph.D., Professor
 Ning Pan, Ph.D., Professor
 Margaret H. Rucker, Ph.D., Professor
 Gang Sun, Ph.D., Associate Professor

Emeriti Faculty

Stephen C. Jett, Ph.D., Professor Emeritus
 Mary Ann Morris, Ph.D., Professor Emeritus
 S. Haig Zeronian, Ph.D., D.Sc., Professor Emeritus

Affiliated Faculty

Joan Chandler, M.S., Lecturer

The Major Program

The textiles and clothing major emphasizes the connections among (a) the physical characteristics of textile products, (b) human perceptions of and behavior toward these products, and (c) global economic trends affecting the textile/apparel marketplace. An integrative knowledge base links textile products with people and processes, to focus on the production, distribution, and consumer use of textiles and apparel; see also [Fiber and Polymer Science, on page 272](#).

The Program. The textiles and clothing major offers two options: textile science and marketing/economics. The Textile Science option provides students with a broad knowledge base in both the social and physical sciences. This base includes production, end-use applications and care of textiles and apparel, physical and chemical properties of textiles, and social-psychological and economic aspects of textiles and clothing. The Marketing/Economics option emphasizes social science and busi-

ness course work, while also providing students with an awareness of the physical nature of textile products.

Internships and Career Alternatives. Textiles and clothing majors can pursue internships and careers in apparel production and merchandising, retail management, international marketing, textile testing and conservation, and textiles journalism. The majority of textiles and clothing graduates accept entry-level management and technical positions within the textile and apparel industry or in related fields, (e.g., merchandising and marketing, production, research and development, technical service and design). Students may also pursue graduate studies in textiles, business, and other areas depending on their specific selections of restricted elective course work.

B.S. Major Requirements:

	UNITS
English Composition Requirement 4-12	
See College Requirement	0-8
Communication 1	4
Preparatory Subject Matter 43-45	
Agricultural Management and Rangeland Resources 21 or Computer Science Engineering 15 or 30	3-4
Economics 1A-1B	10
Anthropology 2, Science and Society 1, Art History 1A, 1B, 1C, or 1D	4
Physics 1A or 10	3-4
Psychology 1	4
Sociology 2	4
Statistics 13	4
Textiles and Clothing 6, 7, 8	12
Breadth/General Education 6-24	
Satisfaction of General Education requirement.	

Select one of the following two options:
Marketing/Economics Option

Additional Preparatory Subject Matter for the option 18-19	
Management 11A-11B	8
Chemistry 10 or 2A	4-5
Mathematics 16A-16B	6
Depth Subject Matter 57-58	
Agricultural and Resource Economics 100A-100B, 106, 136	16
Statistics 103	4
Psychology 151 or 156, or Consumer Science 100	3-4
Fiber and Polymer Science 110, Textiles and Clothing 107, 162, 162L, 163, 163L, 164, 165, 171, 173, 174	31

Restricted Electives 12	
Courses selected from the following: Agricultural and Resource Economics 18, 112, 142, 155, 157, 171A, 171B, Anthropology 122A, 126A, Consumer Science 100, Design 77A, 77B, 143, Economics 101, 121A, 121B, 134, 162, and other relevant course work, Foreign language units may be used to satisfy any or all of the required 12 units, Mathematics 16C, Psychology 151, 156, Sociology 123, 126, 140, 141, 145, Textiles and Clothing 180A, 180B, 230, 293, with consent of instructor, and a maximum of 5 units in either Textiles and Clothing 192 or 199.	

Unrestricted Electives 15-44

Textile Science Option	
Additional Preparatory Subject Matter for the option 19	
Chemistry 2A, 2B, 8A, 8B	16
Mathematics 16A	3
Depth Subject Matter 52-53	
Agricultural and Resource Economics 112, 113	8
Design 143	4
Psychology 151 or 156, or Consumer Science 100	3-4

Unrestricted Electives 15-44

Textile Science Option	
Additional Preparatory Subject Matter for the option 19	
Chemistry 2A, 2B, 8A, 8B	16
Mathematics 16A	3
Depth Subject Matter 52-53	
Agricultural and Resource Economics 112, 113	8
Design 143	4
Psychology 151 or 156, or Consumer Science 100	3-4

Fiber and Polymer Science 100, 161, 161L, Textiles and Clothing 107, 162, 162L, 163, 163L, 164, 165, 171, 173, 174

Restricted Electives 16

Courses selected from the following:
 Agricultural and Resource Economics 18, 141, 142, 155, 171A, 171B, Agricultural Management and Rangeland Resources 120, Chemistry 2C, 128A, 128B, 128C, Communication 42, 130, 136, 140, Community and Regional Development 162, Consumer Science 100, Design 77A, 77B, 142A, 142B, 160A, 160B, 160C, 170A, 170B, 170C, Economics 11A, 11B, 100, 101, 121A, 121B, 134, Fiber and Polymer Science 110, Foreign Language units may be used to satisfy any or all of the required 16 units, Mathematics 16B, 16C, Psychology 151, 156, Sociology 25, 123, 126, 140, 148, 159, 175, Statistics 106, 108; Textiles and Clothing 180A, 180B, 230, 293, with consent of instructor, and a maximum of 5 units in either Textiles and Clothing 192 or 199.

Unrestricted Electives 17-46

Total Units for the Degree 180

Major Adviser. G. Sun

Advising Center for the major is located in 129B Everson Hall (530) 752-4417.

Minor Program Requirements:

The Division of Textiles and Clothing offers a minor program for non-majors interested in satisfying secondary career objectives. For acceptance into the program see the staff adviser in 133B Everson Hall.

UNITS

Textiles and Clothing 18

Textiles and Clothing 6, 7, or 8

Courses selected from Fiber and Polymer Science 100, 110, 161, 161L, Textiles and Clothing 107, 162-162L, 163-163L, 164, 165, 171, 173, 174

Minor Adviser. G. Sun

Courses in Textiles and Clothing (TXC)

Questions pertaining to the following courses should be directed to the instructor or to the Division of Textiles and Clothing. See also courses in [Fiber and Polymer Science, on page 272](#).

Lower Division Courses

6. Introduction to Textiles (4)

Lecture—3 hours; laboratory—3 hours. Introduction to the structure and properties of textiles. Consumer use and fabric characteristics are emphasized. GE credit: SciEng.—I. (I.) Sun

7. Style and Cultural Studies (4)

Lecture/discussion—3 hours; discussion/laboratory—1 hour. The multiple and overlapping influences of gender, sexuality, ethnicity, and class on constructions of identity and community are explored through the study of style in popular culture and everyday life. Continuity and change in clothing and appearance styles are interpreted. GE credit: SocSci, Div, Wrt.—III. (III.) Kaiser

8. The Textile and Apparel Industries (4)

Lecture—4 hours. Textile and apparel industries including fashion theory, production, distribution, and consumption of textile goods. GE credit: SocSci, Div.—I. (I.) Rucker

92. Internship in Textiles and Clothing (1-12)

Internship—3-36 hours. Prerequisite: consent of instructor. Work experience off campus in a textiles or clothing-related area. Supervision by a member of the Textiles and Clothing faculty. (P/NP grading only.)

98. Directed Group Study (1-5)

Prerequisite: consent of instructor. (P/NP grading only.)

99. Special Study for Lower Division Students (1-5)
(P/NP grading only.)

Upper Division Courses

107. Social and Psychological Aspects of Clothing (4)

Lecture—3 hours; discussion—1 hour. Prerequisite: Sociology 2. Social and cognitive factors influencing management and perception of personal appearance in everyday life. Concepts and methods appropriate to the study of meaning of clothes in social and cultural contexts. GE credit: SocSci, Div, Wrt.—I. (I.) Kaiser, Chandler

162. Textile Fabrics (3)

Lecture—3 hours. Prerequisite: course 6. Properties of fabrics as related to serviceability, comfort, and appearance. GE credit: SciEng.—III. (III.) Pan

162L. Textile Fabrics Laboratory (1)

Laboratory—3 hours. Prerequisite: course 162 (may be taken concurrently). Laboratory methods and procedures employed in studying properties of textile fabrics as related to serviceability, comfort, and appearance.—III. (III.) Pan

163. Textile Coloration and Finishing (3)

Lecture—3 hours. Prerequisite: course 6, Fiber and Polymer Science 110, or Chemistry 8B. Basic principles of textile dyeing, printing, and finishing; color theory; structure, properties, and application of dyes and finishes; factors affecting application and fastness; maintenance of dyed and finished textiles.—III. (III.) Sun

163L. Textile Coloration and Finishing Laboratory (1)

Laboratory—3 hours. Prerequisite: course 163 (may be taken concurrently). Demonstrates various aspects of dyeing, printing, and finishing of textile substrates including the effect of fiber and finish type, and physical and chemical variables on dyeing and finishing processes and on the properties of the resultant textile.—III. (III.) Sun

164. Principles of Apparel Production (3)

Lecture—3 hours. Prerequisite: course 6 or 8. Overview of characteristics, technology, processes, and research in apparel manufacturing industries including study of government statistics, material utilization and fabrication, mechanization, management, and production engineering.—II. (II.) Chandler

165. Textile Processes (3)

Lecture/discussion—3 hours. Prerequisite: course 6. Physical processes involved in the production of textiles from the individual fiber to the finished fabric. Includes spinning, texturing, yarn formation, weaving preparation, weaving and knitting, tufting and fabric finishing.

171. Clothing Materials Science (4)

Lecture—3 hours; laboratory/discussion—3 hours. Prerequisite: course 6, 8, and senior standing. The properties, characterization, and performance evaluation of clothing materials and structures for specific functional applications. Principles and methods related to wetting and transport properties, fabric hand and aesthetic properties, clothing comfort, and material and assembly technology.—II. (II.) Hsieh

173. Principles of Fashion Marketing (3)

Lecture—3 hours. Prerequisite: course 8, Economics 1A, Agricultural and Resource Economics 113 or 136. Study of basic elements of fashion marketing including philosophy and objectives, organization, merchandising, pricing, promotion and personnel. Offered in alternate years.—III. Rucker

174. Introduction to World Trade in Textiles and Clothing (4)

Lecture—3 hours; discussion—1 hour. Prerequisite: course 8. Structure of the global fiber/textile/apparel complex and its distribution patterns with an overview of political, economic and technological factors that are changing these industries and their markets. GE credit: SocSci, Div.—II. (II.) Rucker

180A-180B. Introduction to Research in Textiles (2-2)

Laboratory—6 hours. Prerequisite: senior standing with textile-related major, and consent of instructor. Senior thesis on independent problems. Research begun in course 180A will be continued and completed in course 180B. (Deferred grading only, pending completion of sequence.)—I, II, III. (I, II, III.)

192. Internship in Textiles and Clothing (1-12)

Laboratory—3-36 hours. Prerequisite: consent of instructor. Work-learn experience off campus in a textiles or clothing-related area. Supervision by a member of the Textiles and Clothing faculty. (P/NP grading only.)

197T. Tutoring in Textiles and Clothing (1-5)

Discussion/laboratory—3-15 hours. Prerequisite: upper division textiles-related major and consent of instructor. Tutoring of students in Textiles and Clothing courses. Assistance with discussion groups and laboratory sections under supervision of instructor. May be repeated for credit if tutoring another textiles course. (P/NP grading only.)

198. Directed Group Study (1-5)

(P/NP grading only.)

199. Special Study for Advanced Undergraduates (1-5)

(P/NP grading only.)

Graduate Courses

230. Behavioral Science Concepts in Textiles (3)

Lecture—3 hours. Prerequisite: course 107, upper division or graduate course in statistics (e.g., Agricultural Management and Rangeland Resources 120) and one in a behavioral science (e.g., Psychology 145). Examination of theories and research concerning relationships between clothing and human behavior with emphasis on research techniques, including methods of measuring clothing variables. Offered in alternate years.—I. Kaiser

290. Seminar (1)

Seminar—1 hour. Critical review of selected topics of current interest in textiles. (S/U grading only.)—I, II. (I, II.)

290C. Research Conference (1)

Discussion—1 hour. Prerequisite: graduate standing; consent of instructor. Individual faculty members meet with their graduate students. Critical presentations of original research are made by graduate students. Research activities are planned. Discussions are led by major professors for their research groups. (S/U grading only.)—I, II, III. (I, II, III.)

293. Recent Advances in Textiles (3)

Lecture—3 hours. Prerequisite: two upper division courses in Textiles and Clothing or consent of instructor. Critical reading and evaluation on selected topics of current interest in textiles. Multidisciplinary aspects of the topics selected will be stressed. May be repeated for credit.—(III.)

298. Group Study (1-5)

299. Research (1-12)

(S/U grading only.)

Professional Course

396. Teaching Assistant Training Practicum (1-4)

Prerequisite: graduate standing. May be repeated for credit. (S/U grading only.)—I, II, III. (I, II, III.)

Theatre and Dance

(College of Letters and Science)

Peter Lichtenfels, Chairperson of the Department

Department Office. 222 Wright Hall
(530) 752-0888; Fax (530) 752-8818

<http://theatredance.ucdavis.edu>

Faculty

Sarah Pia Anderson, Professor
Larry Bogad, Ph.D., Associate Professor
Della Davidson, M.A., Associate Professor
David Grenke, Associate Professor
John Iacovelli, M.F.A., Professor
Peter Lichtenfels, Professor
Jade McCutcheon, Ph.D., Assistant Professor
Maggie Morgan, M.F.A., Assistant Professor
Thomas Munn, Professor
Jon Rossini, Ph.D., Assistant Professor
Barbara Sellers-Young, Ph.D., Professor
Peggy Shannon, Professor
Darrell F. Winn, M.A., Lecturer

Emeriti Faculty

Bobbie J. Bolden, M.A., Senior Lecturer Emerita
Ruby Cohn, Ph.D., Professor Emerita
Harry C. Johnson, M.A., Professor Emeritus
William E. Kleb, D.F.A., Professor Emeritus
Robert K. Sarlós, Ph.D., Professor Emeritus
Alan A. Stambusky, Ph.D., Professor Emeritus

The Dramatic Art Major Program

The A.B. degree in Dramatic Art provides students with an appreciation for and understanding of performance and its role in culture and society. The program offers a strong foundation in all aspects of drama, theatre, dance performance, and production. Students build significant skills in specific areas as well as achieving a broad knowledge of theatre, dance and film.

Productions and Facilities. Each year's schedule includes undergraduate festivals in theatre, dance, and film; opportunities to work with professional directors and choreographers in three main stage productions; and performance projects and established scripts developed by M.F.A students. These productions take place on our proscenium (Main), thrust (Wyatt), black box (Arena), performance studio (University Club) stages as well as in the Mondavi Center's Studio Theatre and Jackson Hall. These productions are part of the academic program of the department and serve an important purpose in the study of theatre and dance. Participation is open to all students.

A.B. Major Requirements: Theatre Emphasis

	UNITS
Preparatory Subject Matter.....	33
Dramatic Art 20, 24, 25, 26	14
Dramatic Art 21A or 14	4
Choose 4 units from Dramatic Art 21B, 40A, 40B, 41A, 41B, 98, 99, African American and African Studies 51 or courses in other departments with departmental approval.....	4
Dramatic Art 30	1
Participation in at least two of the following areas: acting/dance; directing/choreography/playwriting; stage management/dramaturgy; design/studio/technical production; and crew assignments for a minimum of two productions which may include stage management, fly crew, stage running crew, props, running crew, lighting board operator, follow spot operator, sound board operator, costume running crew, dresser, make-up	
Depth Subject Matter	45-47
Dramatic Art 156A, 156B, 156C.....	12
One course from Dramatic Art 124A, 124B, 124C, 124D.....	4
One course from Dramatic Art 150, 154, 155, 155A, 159	4
One course from Dramatic Art 121A, 121B, 122A, 122B, 141, 143	3-4
One course from Dramatic Art 126, 127A, 127B, 140A, 160A.....	3-4
A minimum of 10 units chosen from the following: Dramatic Art 121A, 121B, 122A, 122B, 124A, 124B, 124C, 124D, 125, 126, 127A, 127B, 130, 140A, 141, 143,	