

Graduate Degrees, Majors and Certificate Programs

The University of Tennessee, Knoxville

2011-2012 Academic Year/Listed by College and Department

Below is a list of all graduate degree programs offered at the University of Tennessee, Knoxville. A degree or certificate is awarded upon completion of a specified program of study in a major field. Degree titles are posted on transcripts and diplomas. Major titles are posted on transcripts. A formally approved subcomponent of a degree program is a concentration. The current Graduate School catalog may be viewed online at <http://catalog.utk.edu/index.php?catoid=7>

DEPARTMENT	MAJOR	DEGREE	CONCENTRATION / GRADUATE CERT. AVAILABLE
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College of Agricultural Sciences and Natural Resources

Agricultural Leadership, Education and Communications	Agricultural Leadership, Education and Communications	MS	Agricultural Communications
			Agricultural Education
			Agricultural Leadership
Agricultural and Resource Economics	Agricultural and Resource Economics	MS	Agribusiness
			Agricultural Economics
		MS-MBA	Natural Resource Economics
Animal Science	Animal Science	MS	
		PhD	
Biosystems Engineering and Soil Science	Biosystems Engineering	MS	
		PhD	
	Biosystems Engineering Technology	MS	
	Environmental and Soil Science	MS	
Entomology and Plant Pathology	Entomology and Plant Pathology	MS	Entomology
			Plant Pathology
Food Science and Technology	Food Science and Technology	MS	
		PhD	Food Chemistry
			Food Microbiology
Forestry, Wildlife and Fisheries	Forestry	MS	
	Natural Resources	PhD	Natural Resource Economics
	Wildlife and Fisheries Science	MS	
Interdepartmental	Plants, Soils and Insects	PhD	Bioactive Natural Products
			Crop Sciences
			Entomology
			Environmental and Soil Sciences
			Horticulture
			Integrated Pest Management
			Plant Breeding
			Plant Molecular Genetics
			Plant Pathology
			Weed Science
Plant Sciences	Plant Sciences	MS	Crop Sciences
			Horticulture
			Plant Breeding
			Plant Molecular Genetics
			Weed Science

College of Architecture and Design

Landscape Architecture Program	Landscape Architecture	MLA	Track 1 (first professional degree track)
			Track 2 (post-professional degree track)
		MALA	
		MSLA	
School of Architecture	Architecture	MArch	Track 1 (first professional degree track)

			Urban Design
			Sustainable Design
			Track II (for students with a bachelor's degree in architecture)
			Urban Design
			Sustainable Design
			Track III (for students who already hold a degree in another field.)
			Urban Design
			Sustainable Design
		Graduate Certificate	Urban Design
			Sustainable Design

College of Arts and Sciences

Anthropology	Anthropology	MA	Archaeology
			Biological Anthropology
			Cultural Anthropology
			Mediterranean Archaeology
			Zooarchaeology
		PhD	Archaeology
			Biological Anthropology
			Cultural Anthropology
			Zooarchaeology
School of Art	Art	MFA	Ceramics
			Drawing
			Graphic Design
			Media Arts
			Painting
			Printmaking
Biochemistry and Cellular and Molecular Biology	Biochemistry and Cellular and Molecular Biology	MS	
		PhD	
Chemistry	Chemistry	MS	Analytical Chemistry
			Environmental Chemistry
			Inorganic Chemistry
			Organic Chemistry
			Physical Chemistry
		Polymer Chemistry	
		PhD	Analytical Chemistry
			Chemical Physics (in cooperation with Physics Department)
			Environmental Chemistry
			Inorganic Chemistry
Organic Chemistry			
Earth and Planetary Sciences	Geology	MS	
		PhD	
Ecology and Evolutionary Biology	Ecology and Evolutionary Biology	MS	Behavior
			Ecology
			Evolutionary Biology
		PhD	Behavior
			Ecology
	Evolutionary Biology		
English	English	MA	Writing
		PhD	
Geography	Geography	MS	
		PhD	

			Atomic, Molecular, Optical, and Low Temperature Physics
			Biophysics
			Chemical Physics
			Condensed Matter and Surface Physics
			Elementary Particle Physics
			Mathematical and Computational Physics
			Nanomaterials
			Nuclear and Relativistic Heavy Ion Physics
			Theoretical Physics
Political Science	Political Science	MA	
		PhD	
	Public Administration	MPA	
		Dual JD-MPA program available (with College of Law)	
Psychology	Psychology	MA	Experimental Psychology
			General Psychology
		PhD	Clinical Psychology
			Counseling Psychology
		Experimental Psychology	
Sociology	Sociology	MA	Criminology
			Environmental Sociology
			Political Economy
		PhD	Environmental Sociology
		Political Economy	
Theatre	Theatre	MFA	Acting
			Costume Design
			Dramaturgy
			Lighting Design
			Scene Design

College of Business Administration

Accounting and Information Management	Accounting	MAcc	Audit and Controls	
			Taxation	
Economics	Economics	MA		
		PhD		
Management	Human Resource Management	MS		
Interdepartmental	Business Administration	MBA	Business Analytics	
			Entrepreneurship and Innovation	
			Finance	
			Marketing	
			Operations Management	
			Supply Chain Management	
			MBA Programs for Working Professionals	
			Aerospace and Defense MBA	
			Physician Executive MBA	
			Professional MBA	
		Executive MBA		
			Dual JD-MBA program available (with College of Law)	
			Dual MS-MBA program available (with College of Agricultural Sciences and Natural Resources; College of Business Administration; College of Education, Health, and Human Sciences; and College of Engineering)	
			Dual PharmD-MBA program available (with UT Health Science Center)	
			PhD	Accounting
	Finance			
	Human Resource Development			
	Logistics			
	Marketing			
		Organizations and Strategy		

	Industrial and Organizational Psychology	PhD	Statistics
Statistics, Operations and Management Science	Business Analytics	MS	
		MS-MBA	
	Management Science	PhD	
	Statistics	MS	Industrial Statistics
Graduate Certificate		Applied Statistical Strategies	

College of Communication and Information

Interdepartmental	Communication and Information	MS	Advertising
			Communication Studies
			Journalism and Electronic Media
			Public Relations
		PhD	Advertising
			Communication Studies
			Information Science
			Journalism and Electronic Media
Public Relations			
School of Information Sciences	Information Sciences	MS	

College of Education, Health and Human Sciences

Child and Family Studies	Child and Family Studies	MS	General-Emphasis
			Teacher Licensure (PreK-3)
		PhD	
Educational Leadership and Policy Studies	College Student Personnel	MS	
	Educational Administration	MS	Leadership Academy
	Education	EdS	Educational Administration
		PhD	Leadership Studies in Education
	Higher Education Administration	PhD	
		Graduate Certificate	Educational Administration (PreK-12)
		Urban Education	
Educational Psychology and Counseling	Counseling	MS	Mental Health Counseling
			Psychosocial Rehabilitation Counseling
			Rehabilitation Counseling
			School Counseling
	Counselor Education	PhD	
	Education	MS	Cultural Studies of Educational Foundations
			Instructional Technology
		EdS	Instructional Technology
			School Counseling
		PhD	School Psychology
		PhD	Learning Environments and Educational Studies
	Educational Psychology	MS	Adult Education
			Applied Educational Psychology
	Educational Psychology and Research	PhD	Adult Education
Evaluation, Statistics, and Measurement			
School Psychology	PhD		
		Graduate Certificate	Evaluation, Statistics, and Measurement
		Grief, Loss and Trauma	
		Qualitative Research Methods in Education	
Kinesiology, Recreation, and Sport Studies	Kinesiology	MS	Biomechanics
			Exercise Physiology
			Sport Psychology and Motor Behavior
	Recreation & Sport Management	MS	Sport Management
			Therapeutic Recreation
			Dual MS-MBA program available (with College of Business Administration)

	Kinesiology and Sport Studies	PhD	Kinesiology (specializations in biomechanics; exercise physiology; physical activity epidemiology; and sport psychology and motor behavior)
			Sport Studies (specializations in socio-cultural studies; and sport management)
Nutrition	Nutrition	MS	Cellular and Molecular Nutrition
			Public Health Nutrition
	Dual MS-MPH program available (with Nutrition/Public Health)		
	Nutritional Sciences	PhD	Cellular and Molecular Nutrition
			Community Nutrition
Public Health	Public Health	MPH	Community Health Education
			Health Planning/Administration
			Veterinary Public Health
	Dual MS-MPH program available (Nutrition/Public Health)		
	Education	PhD	Health Behavior and Health Education
		Graduate Certificate	Public Health Leadership
Retail, Hospitality, and Tourism Management	Retail, Hospitality, and Tourism Management	PhD	
Theory and Practice in Teacher Education	Teacher Education	MS	Track I (previously licensed teachers)
			Art Education
			Early Childhood Special Education
			Education of the Deaf and Hard of Hearing
			Elementary Education
			English Education
			Foreign Language/ESL Education
			Mathematics Education
			Reading Education
			Science Education
			Science Education (Informal Education)
			Social Science Education
			Special Education
			Track II (initial licensure teachers)
			Art Education
			Education of the Deaf and Hard of Hearing
			Elementary Teaching
			English Language Learning
			Middle Grades Teaching
Modified and Early Childhood Special Education			
Secondary Teaching			
Theory & Practice in Teacher Education	Teacher Education	EdS	Educational Technology
			Elementary Education
			English Education
			Foreign Language/ESL Education
			Mathematics Education
			Reading Education
			Science Education
			Social Science Education
	Special Education		
	Education	PhD	Literacy Studies
			Special Education
Teacher Education			

College of Engineering

Chemical and Biomolecular Engineering	Chemical Engineering	MS	Advanced Control Systems
			Chemical Bioengineering
			Chemical Engineering
			Polymer Science and Engineering

		Dual MS-MBA program available (with College of Business Administration)		
		PhD	Advanced Control Systems	
			Chemical Bioengineering	
			Chemical Engineering	
			Energy Science and Engineering	
			Polymer Science and Engineering	
		Graduate Certificate	Sustainability Science	
Civil and Environmental Engineering	Civil Engineering	MS	Construction Engineering	
			Geotechnical/Materials Engineering	
			Public Works Engineering	
			Structural Engineering	
			Transportation Engineering	
		Dual MS-MBA program available (with College of Business Administration)		
		PhD	Climate Impacts Engineering	
			Construction Engineering	
			Energy Science and Engineering	
	Environmental Engineering			
	Geotechnical/Materials Engineering			
	Public Works Engineering			
	Structural Engineering			
Transportation Engineering				
Water Resources Engineering				
Environmental Engineering	MS	Water Resources Engineering		
Dual MS-MBA program available (with College of Business Administration)				
Electrical Engineering and Computer Science	Computer Engineering	MS	Computer Architecture	
			Computer Networks	
			Computer Vision	
			Data Fusion	
			Data Structures	
			Data Visualization	
			Embedded Systems	
			Image Processing	
			Information Systems	
		VLSI System Design		
		Dual MS-MBA program available (with College of Business Administration)		
		PhD	Computer Architecture	
			Computer Networks	
	Computer Vision			
	Data Fusion			
	Data Structures			
	Data Visualization			
	Electrical Engineering and Computer Science	Computer Science	MS	
		Dual MS-MBA program available (with College of Business Administration)		
Electrical Engineering and Computer Science	Computer Science	PhD	Energy Science and Engineering	
		Electrical Engineering		
	MS	Circuit Theory		
		Communication Theory		
		Computers		
		Control Systems		
		Electro-Optics		
		Electromagnetic Theory		

			Plasma Engineering
			Power Electronics
			Power Systems
			Solid-State Electronics
		Dual MS-MBA program available (with College of Business Administration)	
		PhD	Circuit Theory
			Communication Theory
			Computers
			Control Systems
			Electro-Optics
			Electromagnetic Theory
			Energy Science and Engineering
			Plasma Engineering
			Power Electronics
			Power Systems
			Solid-State Electronics
Industrial and Information Engineering	Industrial Engineering	MS	Engineering Management
		Dual MS-MBA program available (with College of Business Administration)	
		PhD	Energy Science and Engineering
			Engineering Management
Graduate Certificate	Engineering Management		
Interdepartmental	Reliability and Maintainability Engineering	MS	Aerospace Engineering
			Biomedical Engineering
			Chemical Engineering
			Computer Engineering
			Electrical Engineering
			Industrial Engineering
			Materials Science and Engineering
			Mechanical Engineering
		Nuclear Engineering	
		Dual MS-MBA program available (with College of Business Administration)	
		Graduate Certificate	Reliability and Maintainability Engineering
			Chemical Engineering
			Computer Engineering
			Electrical Engineering
Industrial Engineering			
Mechanical Engineering			
Nuclear Engineering			
Materials Science and Engineering	Materials Science and Engineering	MS	Biomaterials
			Materials
			Metallurgy
			Nanomaterials
			Polymers
		Dual MS-MBA program available (with College of Business Administration)	
		PhD	Energy Science and Engineering
			Materials
			Metallurgy
	Nanomaterials		
	Polymer Engineering	MS	Polymer Processing
			Polymer Science
		PhD	Polymer Processing
Polymer Science			
Mechanical, Aerospace, and Biomedical Engineering	Aerospace Engineering	MS	Applied Mechanics
			Systems and Controls

			Thermal-Fluid Mechanics
		Dual MS-MBA program available (with College of Business Administration)	
		PhD	Applied Mechanics
			Energy Science and Engineering
			Systems and Controls
			Thermal-Fluid Mechanics
	Biomedical Engineering	MS	Biomechanics
			Biomedical Systems
		Dual MS-MBA program available (with College of Business Administration)	
		PhD	Biomechanics
			Biomedical Systems
			Energy Science and Engineering
	Engineering Science	MS	Applied Mechanics
			Flight Test Engineering (UTSI only)
			Systems and Controls
			Thermal-Fluid Mechanics
		Dual MS-MBA program available (with College of Business Administration)	
		PhD	Applied Mechanics
			Energy Science and Engineering
			Systems and Controls
	Thermal-Fluid Mechanics		
	Mechanical Engineering	MS	Applied Mechanics
			Systems and Controls
			Thermal-Fluid Mechanics
		Dual MS-MBA program available (with College of Business Administration)	
		PhD	Applied Mechanics
			Energy Science and Engineering
			Systems and Controls
			Thermal-Fluid Mechanics
		Graduate Certificate	Computational Fluid Dynamics
Nuclear Engineering	Nuclear Engineering	MS	Radiological Engineering
			Dual MS-MBA program available (with College of Business Administration)
		PhD	Energy Science and Engineering
			Radiological Engineering
		Graduate Certificate	Nuclear Criticality Safety
Nuclear Security Science and Analysis			

College of Law

	Law	JD	Advocacy and Dispute Resolution
			Business Transactions
		Dual JD-MBA program available (with College of Business Administration)	
		Dual JD-MPA program available (with Department of Political Science in the College of Arts and Sciences)	

College of Nursing

	Nursing	MSN	Adult Health Nursing
			Family Nurse Practitioner
			Global Disaster Nursing
			Mental Health Nursing
			Nurse Anesthesia
			Nursing Administration
			Nursing of Women and Children

		DNP	
		PhD	
	Nursing	Graduate Certificate	Adult Health Nursing
			Family Nurse Practitioner
			Global Disaster Nursing
			Global Disaster Studies
			Health Policy
			Mental Health Nursing
			Nurse Anesthesia
			Nursing Administration
			Nursing Education
			Nursing of Women and Children

College of Social Work

	Social Work	MSSW	Evidence-based Management, Leadership and Community Practice
			Evidence-based Interpersonal Practice
		DSW	
		PhD	
		Graduate Certificate	Gerontology
			Veterinary Social Work

College of Veterinary Medicine

	Veterinary Medicine	DVM	
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Intercollegiate

	Aviation Systems (Offered only at UT Space Institute, Tullahoma, Tennessee)	MS	
	Comparative and Experimental Medicine	MS	
		PhD	
Center for Interdisciplinary Research and Graduate Education (CIRE)	Energy Science and Engineering	PhD	

