Dorothy B. Stephens, Assistant Dean for Student Affairs
Barbara M. Reid, Associate Dean for Clinical and Business Affairs
Sylvia E. Hart, Dean
P. G. Droppleman, Ph.D. Tennessee; J. Greene, Associate Professors: Ph.D. Illinois; J. N. Mozingo, Ph.D. Walden; D. H. Goodfellow, Ph.D. Peabody; M. E. Groer, Professors: Nursing

MAJOR
Clinical and Business Affairs
College of Nursing


The College of Nursing offers a five-quarter program of study leading to the Master of Science in Nursing degree. The general purpose of the program is to prepare the graduate level nurses who are qualified to function as practitioners, clinicians, or educators in all segments of the health care delivery system. Upon successful completion of the program, graduates will be able to:
1. Provide advanced high quality, comprehensive nursing care to individuals and groups in a variety of settings;
2. Collaborate with other health professionals in systematic implementation and evaluation of health care delivery to large groups in agency and community settings;
3. Utilize appropriate advanced teaching, administrative and clinical practice skills in the discharge of one's professional responsibilities;
4. Utilize appropriate research findings in the implementation and evaluation of nursing practice;
5. Participate in clinical research activities by means of data collection, tabulation, and analysis, and by generating research topics for referral to nurse researchers.

ADMISSION REQUIREMENTS
1. Meet requirements for admission to The Graduate School.
2. Hold a Bachelor's degree in Nursing. If the Bachelor's degree is not in Nursing, the applicant must successfully complete the equivalent of an upper division major in Nursing as part of the M.S.N. program.
3. If the number of qualified applicants exceeds the number that can be accommodated, preference will be given to applicants: a. whose undergraduate GPA is a 3.0 or higher;
b. who have had at least two years of full-time clinical practice experience following completion of a baccalaureate nursing program;
c. who are Tennessee residents;
d. who are currently employed in nursing service;
e. who are currently employed as directors of nursing service.
4. Ordinary one year of full-time clinical practice experience should be completed prior to applying for admission to the program.

DEGREE REQUIREMENTS
1. Students must complete 60 quarter hours of graduate level course work with a cumulative GPA of 3.0 or better.
2. The 60 credit hours must include the following components:
   a. Clinical concentration 23 hrs
   b. Electives 6 hrs
   c. Thesis 11 hrs
   d. Research 11 hrs
   e. Thesis preparation option 11 hrs

   Total 60 hrs

3. A Master's thesis is not required if those students who wish to complete a thesis as a part of their program may substitute the thesis for the 6 elective hours.
4. Those students who do not choose the thesis option must successfully complete a comprehensive final examination.
5. Students may choose either primary care nursing, secondary/tertiary care nursing, parent-child nursing or community mental health nursing as their clinical concentration option. Students selecting the primary care nursing option must complete 5450, 5460, 5550. Students selecting the secondary/tertiary care nursing option must complete 5120-30 and 5310. Students selecting the parent-child nursing option must complete 5220, 5255, and either 5230 or 5245. Students selecting the community health nursing option must complete 5410, 5460, 5490, 5500 and 5510.

6. The core requirement that must be completed by all students regardless of clinical option includes the following courses: 5010, 5020, 5030, 5070, 5210, 5680 and a graduate level statistics course that must be approved in advance by the student's faculty advisor.
7. Students may select a role preparation option in teaching or advanced clinical practice. Students selecting the teaching option must complete 6 hours of graduate level courses in education and 5630. Students selecting the advanced clinical practice option must complete 5580 and 5660 if their clinical option is primary care, 5320 and 5340 if their clinical option is secondary care, 5530 and 5540 if their clinical option is community mental health, or 5265 and 5270 if their clinical option is parent-child nursing. Except for electives, all courses taken in other colleges must be approved in advance by the student's faculty advisor.
8. Students whose baccalaureate degrees are not in nursing must complete the equivalent of 30 semester hours of undergraduate courses as determined by each student's major advisor.

DEGREE REQUIREMENTS FOR SECOND MASTER'S DEGREE
1. Students must complete 60 hours at the graduate level (with a cumulative GPA of 3.0) unless they already have Master's or doctoral degrees. For the latter up to 15 hours may be applied to the second Master's degree, with approval of the stu-
5125 Nursing in Secondary Care Settings (4) Application of physiological, psychosocial, developmental, and nursing theories to care of hospitalized adults and children; development of nursing care plans; integration of diagnosis, orders, interventions, and evaluation; emphasis on nurse-client relationships; for MSN students in ADN teaching track only. Prereq: 5010, 5030, 5070, and physical assessment course. Coreq: 5205. 1 hr and 3 labs.

520 Secondary/Tertiary Nursing of Adults (6) Continuation of 5120 with further exploration of role of clinical nurse specialist. Application of theories and concepts to care of hospitalized adults and children; continued emphasis on role of clinical nurse specialist as a key component in health related research findings in delivery of health and nursing care. Prereq: 5205, 5120, 5125, 5203. 1 hr and 3 labs. Sp

5370 Readings in Applied Physiology (3) CAREFULLY PLANNED LIBRARY STUDY OF SELECTED TOPICS IN PHYSIOLOGY AND PATHOPHYSIOLOGY RELATIVE TO VARIOUS BODY SYSTEMS. 1 hr and 2 labs. Su

525 Advanced Parent Child Nursing Student (5) Continuation of 5250. Coreq: 5250. Prerequisite: Parent-child Nursing Fieldwork I (9). Prereq: 5205, 5207, 5210, 5270. 2 hrs and 3 labs. F


520 Parent-Child Nursing (4) Care of childbirth and child rearing families; health promotion and recognition of threats to health of mothers and children; application of physiological, psychosocial, and nursing theories and concepts to care of hospitalized adults and children; continued emphasis on role of clinical nurse specialist as a key component in health related research findings in delivery of health and nursing care. Prereq: 5205, 5120, 5125, 5203. 1 hr and 3 labs.

520 Advanced Parent Child Nursing Student (5) Continuation of 5250. Coreq: 5250. Prerequisite: Parent-child Nursing Fieldwork I (9). Prereq: 5205, 5207, 5210, 5270. 2 hrs and 3 labs. F

5370 Readings in Applied Physiology (3) CAREFULLY PLANNED LIBRARY STUDY OF SELECTED TOPICS IN PHYSIOLOGY AND PATHOPHYSIOLOGY RELATIVE TO VARIOUS BODY SYSTEMS. 1 hr and 2 labs. Su

525 Advanced Parent Child Nursing Student (5) Continuation of 5250. Coreq: 5250. Prerequisite: Parent-child Nursing Fieldwork I (9). Prereq: 5205, 5207, 5210, 5270. 2 hrs and 3 labs. F


520 Parent-Child Nursing (4) Care of childbirth and child rearing families; health promotion and recognition of threats to health of mothers and children; application of physiological, psychosocial, and nursing theories and concepts to care of hospitalized adults and children; continued emphasis on role of clinical nurse specialist as a key component in health related research findings in delivery of health and nursing care. Prereq: 5205, 5120, 5125, 5203. 1 hr and 3 labs.

520 Advanced Parent Child Nursing Student (5) Continuation of 5250. Coreq: 5250. Prerequisite: Parent-child Nursing Fieldwork I (9). Prereq: 5205, 5207, 5210, 5270. 2 hrs and 3 labs. F

5370 Readings in Applied Physiology (3) CAREFULLY PLANNED LIBRARY STUDY OF SELECTED TOPICS IN PHYSIOLOGY AND PATHOPHYSIOLOGY RELATIVE TO VARIOUS BODY SYSTEMS. 1 hr and 2 labs. Su

525 Advanced Parent Child Nursing Student (5) Continuation of 5250. Coreq: 5250. Prerequisite: Parent-child Nursing Fieldwork I (9). Prereq: 5205, 5207, 5210, 5270. 2 hrs and 3 labs. F


520 Parent-Child Nursing (4) Care of childbirth and child rearing families; health promotion and recognition of threats to health of mothers and children; application of physiological, psychosocial, and nursing theories and concepts to care of hospitalized adults and children; continued emphasis on role of clinical nurse specialist as a key component in health related research findings in delivery of health and nursing care. Prereq: 5205, 5120, 5125, 5203. 1 hr and 3 labs.

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520 Advanced Parent Child Nursing Student (5) Continuation of 5250. Coreq: 5250. Prerequisite: Parent-child Nursing Fieldwork I (9). Prereq: 5205, 5207, 5210, 5270. 2 hrs and 3 labs. F

5370 Readings in Applied Physiology (3) CAREFULLY PLANNED LIBRARY STUDY OF SELECTED TOPICS IN PHYSIOLOGY AND PATHOPHYSIOLOGY RELATIVE TO VARIOUS BODY SYSTEMS. 1 hr and 2 labs. Su

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520 Parent-Child Nursing (4) Care of childbirth and child rearing families; health promotion and recognition of threats to health of mothers and children; application of physiological, psychosocial, and nursing theories and concepts to care of hospitalized adults and children; continued emphasis on role of clinical nurse specialist as a key component in health related research findings in delivery of health and nursing care. Prereq: 5205, 5120, 5125, 5203. 1 hr and 3 labs.
technical nursing and nursing education, teaching strategies for adult learner in community college, in-depth investigation of selected topics. Prereq: 9 hrs approved education courses and 5630. Su
5660 Primary Care Nursing Seminar (2) Issues and problems involved in delivery of primary nursing care; further analysis and exploration of theories and concepts included in 5680 as they affect role of nurse as primary care provider. Prereq: 5680. Coreq: 5560. F
5660 Advanced Nursing Seminar (2) Theories of leadership, motivation, power, control, authority, change, and application to advanced clinical nursing practice; examination and analysis of role of nurse as health care provider and client—family advocate. Prereq or coreq: 5310 or 5550 or 5510. Su
5730 Management Strategies and Practicum (3) Analysis and application of managerial and supervisory theories and strategies; field placement in nursing service facility with supervised practice in nursing service administration. Prereq: 6 hrs approved management courses and 5310, 5510, 5550, or 5520. 2 hrs and 3 labs.
5770 Special Topics (3) In-depth study of selected nursing topics, problems, or issues not covered in other courses. Prereq: Consent of instructor. May be repeated. Maximum 6 hrs. E
5900 Graduate Seminar in Public Health (1-2) (Same as Public Health 5900, Nutrition and Food Science 5910, Physical Education 5900, and Social Work 5900) S/NC only. E
Graduate School of Biomedical Sciences

W.E. Barnett, Director

MAJOR DEGREES

Biomedical Sciences
M.S., Ph.D.

Graduate School of Biomedical Sciences

W. E. Barnett, Director, University of Tennessee-Oak Ridge Graduate School of Biomedical Sciences, located within the Biology Division of Oak Ridge National Laboratory, offers programs leading to the Master of Science and Doctor of Philosophy degrees. The National Laboratory is a well-known center of basic research. The school utilizes the staff and facilities of this laboratory, and thus brings directly into the mainstream of full-time graduate study in the life sciences the talent and experience of that staff, as well as the most advanced research methods and technology.

The program of study, which incorporates a high faculty-to-student ratio, is based on intensive graduate courses supplemented by tutorial instruction, participation in a wide variety of seminars, and a heavy emphasis on communication skills, research training and independent study. The program encourages students to pursue graduate studies to the limits of their abilities.

The school is not departmentalized, and

apart from certain basic requirements, each student's curriculum is planned to meet individual needs, with the aim of giving:

1. Satisfactory (B grade or better) completion of the following core courses or their equivalent:
   - Biochemistry (5110-20), Biophysics (5120-20), Biophysical Chemistry (5130-30), Biopharmaceutical Chemistry (5140), and Biostatistics (5200-20).
   - Cell Biology (5150), Genetics (5160), Molecular Biology (5170), and Molecular Genetics (5180).
   - Immunology (5190), Virology (5200), Developmental Biology (5210), and Radiation Biology (5220).
   - Protein and Enzyme Chemistry (5230), Nucleic Acid Chemistry (5240), and Nuclear Chemistry (5250).

2. Three quarters of Biomedical Sciences courses, with a minimum of 36 quarter hours of course 6000 or above, and area of specialization.

3. A Bachelor's degree or its equivalent is required. Students with M.S., D.V.M., or M.D. degrees are also encouraged to apply. Completed applications, Graduate Record Examination scores and letters of reference should be sent to the address below. The student will need previous training in biology, calculus, physics, and organic and physical chemistry. A course in physical chemistry is offered by the School in order to meet the last requirement. It is recommended that deficiencies in entrance requirements be eliminated prior to entrance. Requests for application forms, information on admission, financial support, and housing should be sent to:

W. E. Barnett (Director), University of Tennessee-Oak Ridge Graduate School of Biomedical Sciences, Biology Division, ORNL, Box Y, Oak Ridge, Tennessee 37830.

THE DOCTORAL PROGRAM

Requirements for the Ph.D. degree are:

1. Satisfactory (B grade or better) completion of the following core courses or their equivalent:
   - Biochemistry (5110-20), Biophysics (5120-20), Biophysical Chemistry (5130-30), Biopharmaceutical Chemistry (5140), and Biostatistics (5200-20).
   - Cell Biology (5150), Genetics (5160), Molecular Biology (5170), and Molecular Genetics (5180).
   - Immunology (5190), Virology (5200), Developmental Biology (5210), and Radiation Biology (5220).
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3. A Bachelor's degree or its equivalent is required. Students with M.S., D.V.M., or M.D. degrees are also encouraged to apply. Completed applications, Graduate Record Examination scores and letters of reference should be sent to the address below. The student will need previous training in biology, calculus, physics, and organic and physical chemistry. A course in physical chemistry is offered by the School in order to meet the last requirement. It is recommended that deficiencies in entrance requirements be eliminated prior to entrance. Requests for application forms, information on admission, financial support, and housing should be sent to:

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W. E. Barnett (Director), University of Tennessee-Oak Ridge Graduate School of Biomedical Sciences, Biology Division, ORNL, Box Y, Oak Ridge, Tennessee 37830.
metabolism; development and function


5130-39-40 Biomedical Sciences Laboratory (3, 3, 3) To acquire students with both approaches and techniques in various areas of modern biology. Required of all first-year students. Selected laboratories conducting research in different areas of biomedical sciences. Required of all first-year students.

5430-50-60 Graduate Research Participation (3, 6, 9) Special advanced research project covering area not related to dissertation research. Topics chosen with consent of instructor. May be repeated.

5740 Statistics for Biologists (3) Application and interpretation of statistical methods in data analysis. Random variation, normal, binomial, and Poisson distribution, statistical presentation of data, estimating means and proportions, confidence intervals, t-tests, chi-square tests, correlation and association; linear regression. Prereq: Introductory statistics or equivalent. May be repeated.

6000 Doctoral Research and Dissertation (3-15) P Non-repeatable. 

6200 Biochemistry (3) Chemistry of carbohydrates, lipids, proteins, nucleic acids, vitamins, and coenzymes. Enzymes, types of feedback regulation; role of subunits in enzyme regulation; multifunctional enzymes. Coreq: 5110-20 or consent of instructor.

6220 Enzyme Regulation and Kinetics (3) Kinetics of catalysis, inhibition; effects of temperature; effects of pH, ionic strength, and other inhibitors; stimulation and inhibition of allosteric enzymes; enzymes with non-competitive inhibitors; enzymes in unitary control; regulatory enzymes; control mechanisms. Prereq: 5110-20 or equivalent.

6240 Chemistry and Metabolism of Lipids (3) Nomenclature, structure, properties, and reactions of lipids. Lipid metabolism; lipids in membranes, cell membranes, and nervous tissue. Lipid transformation and transport in bacteria and yeast. Prereq: 5110-20 or equivalent.

6251 Molecular Biology of RNA (3) RNA synthesis and metabolism in prokaryotes, eukaryotes, and viruses. Prereq: 5110-20 or equivalent.

6521 Molecular Biology of DNA (3) DNA replication, repair, and recombination. Recent advances in mechanisms at molecular level using biochemical and genetic techniques. Prereq: 5110-20 or consent of instructor.

6522 Viral Carcinogenesis (3) History of viral oncology and modern cancercausing viruses. DNA viruses; RNA viruses; RNA virus replication: transformation, genetics, natural history; viruses; tumor viruses: oncoviruses and leukemogenic viruses; viruses; induction; transformation; natural history. Prereq: 5110-20 or equivalent.

6520 Cancer Biology and Biochemistry (3) Pathology and nomenclature of cancer. Tumor immunology and immunotherapy. Biochemistry of tumor cells: cytology, metabolism; membranes; DNA repair, regulation, strategies in chemotherapy. Prereq: 5110-20 or consent of instructor.

6430 Immunology (3) Structural lectures in modern immunology and emphasis on concepts and mechanisms of the cellular level. Topics: 1) cell interaction, soluble mediators, tolerance, surveillance, transport, genetics, immunological structure. Selected laboratory exercises. Prereq: 5110-20 or consent of instructor.

6450 Immunology (3) Current and future research developments. Topics listed under Special Topics Courses, may be taken either as tutorials or as literature surveys courses requiring substantial student participation. May be repeated.

6510-20-30-40 Advanced Topics in Biomedical Sciences (3, 3, 3, 3) Current and future research developments. Topics listed under Special Topics Courses, may be taken either as tutorials or as literature surveys courses requiring substantial student participation. May be repeated.

6550 Molecular Genetics (3) Basic phenomena in molecular genetics: transcription, translation, conjugation, and recombination. Genes, mechanisms of heredity. Prereq: 5110-20 or equivalent.


6570-80 Physical Chemistry I (3) Energy levels and excited states of molecules, optical instrumentation, attachment to system perturbations; properties of macromolecules in solutions; molecular conformations and interactions; energy transfers; wave mechanics. Coreq: 5070-80.

6610 General Genetics (3) Mendelian genetics, meiosis, and genetic recombination. Probability theory, chi-square tests, correlation and association; linear regression. Prereq: Introductory statistics or equivalent. May be repeated.

6620 Physiology (3) Cellular and molecular mechanisms of excitation, impulse propagation, and transmission in nerve and skeletal muscle. The nervous system, the role of sensory organs in regulation and homeostatic mechanisms. Prereq: 5110-20 or equivalent.

6640 Membrane Biology (3) Transport kinetics, membrane proteins, and immunotherapy. Biochemistry of tumor cells: cytology, metabolism; membranes; DNA repair, regulation, strategies in chemotherapy. Prereq: 5110-20 or consent of instructor.

6650 Techniques in Cell Biology (3) Application to specific research problems. May be repeated.

6680 Special Topics (3, 3, 3, 3) Current and future research developments. Topic: course topics not in regular curriculum. Selected laboratory exercises. Prereq: 5110-20 or consent of instructor.

6690 Clinical Research (3, 3, 3, 3) Current and future research developments. Topic: course topics not in regular curriculum. Selected laboratory exercises. Prereq: 5110-20 or consent of instructor.
Graduate School of Library and Information Science

Record Examination. The test should be taken at least one quarter in advance of application for admission to The Graduate School.

Foreign applicants are required to take the Test of English as a Foreign Language. A personal data sheet and three recommendations (obtained from The Graduate School of Library and Information Science) should be returned to the Director of the School.

MASTER OF SCIENCE IN LIBRARY SCIENCE

The program leading to the degree of Master of Science in Library Science involves a total of 51 quarter hours of graduate courses, 24 hours of which form a core curriculum required of all students. Either a thesis or a non-thesis option is available, with 9 hours allowed for thesis credit. At least 36 hours must be taken in the Graduate School of Library and Information Science, allowing up to 15 hours outside the School. Upon completion of the program, all students are subject to an examination. For students who elect the thesis option, the examination will be a defense of the thesis. Students who elect the non-thesis option will be given a written comprehensive examination.

FINANCIAL ASSISTANCE

Opportunities

Employment with the University of Tennessee Libraries may provide a work-study opportunity for selected students who wish to obtain experience in academic librarian- ship while pursuing the degree. Such students usually work at least 20 hours each week and thus may extend the period required for the degree. Similar opportunities exist with some other libraries and information agencies in the Knoxville area.

ADA 2.5.0

The SREB Academic Common Market

Revised June 1981

Information on financial assistance is available from the Director of the Graduate School of Library and Information Science.

4140 Librarianship and Leadership (3) Librarianship as an occupation, its organization, responsibilities, prob- lems, and prospects. F, W, S.

4150 School Library Administration (3) Objectives, functions, and place of school library relationship to local and state services; cooperative planning for quar- ters and materials; evaluation. (Same as Curriculum and Instruction 4150) F, W, S.

4270 Organization of Library Collections (3) Acquisi- tions, cataloging and maintenance of library collections. F, W.

4310 History of the Book (3) History of writing and various methods of bookmaking from earliest times through 19th century. W.

4320 Adult Materials and Reading Interests (3) Fic- tion and subject categories, popular and standard; evaluation of materials to meet adult interests; con- sideration of selection aids.

4330 Introduction to Informational Materials (3) Basic information sources and services for all libraries. F, W, S.

4750 Utilization of Instructional Media (3) (Same as Curriculum and Instruction 4750 and Vocation- ization in Technical Education 4750) F.

5000 Thesis (1-15) P/NP only. E.

5002 Non-Thesis Graduation Completion (3-15) Required for the non-thesis student not otherwise registered during any quarter when such a student wishes to graduate provided that degree is completed. May not be used toward degree requirements. May be repeated. S/H/N only. E.

5110-30-50 Problems in Library Science (3, 3, 3) May be repeated with consent of school. E.


5200 Select Reference and Bibliography (3) Gen- eral pattern of bibliographic organization and basic information sources in subject fields including non-
5510 Nonbook Resources (3) Selection, processing, storage and utilization; films, videotechnology, sound recordings and microforms as information media. Prereq: 5430. W

5540 Archives and Manuscripts (3) Problems involved in acquisition, organization, description, storage, preservation and utilization. Prereq: Consent of instructor. W

5550 Records Management for Information Professionals (3) Functional elements and objectives of records management within organizations, emphasizing control of creation, distribution, retention, storage, retrieval, protection, and disposition regardless of medium. Prereq: 5430, 4270, or consent of instructor. Sp

5615 Historical Development of Children's Literature (3) Children's literature from earliest times to 20th century. Representative titles of particular periods. W

5651 Resources for Young Adults (3) Critical survey of library materials for young adults with emphasis on personal, vocational and recreational needs and interests. Evaluation, selection, and utilization for school and public libraries. Sp

5653 Library Services and Programs for Youth (3) Philosophy and development of public and school library services for children and young adults. Reading, literacy and leisure studies, Program planning, implementation and evaluation. Prereq: 5455 or 5470 or consent of instructor. Sp

5655 School Library Media Program Management (3) Attitudes, knowledge and skills necessary to manage, program and evaluate school library media programs at building and district levels. Coreq: 4270, 5615, or consent of instructor. W

5700 Information Systems Analysis and Design (3) Examination and evaluation of tools and methodologies in libraries/information center systems planning and implementation. Role and training of systems analysts from planning through implementation and evaluation, and related topics. Prereq: 5710 or consent of instructor. W

5710 Information in Society (3) Characteristics of the information society, nature of knowledge and information, use and effect of media. W

5715 Information Sources and Services (3) Content and method of information science; applications of research findings to general library practice. F, Su

5720 Information Systems Analysis and Design (3) Examination and evaluation of tools and methodologies in libraries/information center systems planning and implementation. Role and training of systems analysts from planning through implementation and evaluation, and related topics. Prereq: 5710 or consent of instructor. W,

5725 Organization of Materials for Information Storage and Retrieval (3) Principles and techniques in organization and description of materials for use in libraries and information retrieval systems. Coreq: 5500 or consent of instructor. W

5730 Information Retrieval Systems Laboratory (3) Comparative capabilities of various types of information retrieval systems, analyzing performance of systems in relation to generalizations with respect to theory. Prereq: 5710 or consent of instructor.

5998 Practicum (0 or 3 or 6) Opportunity to translate library theory and practice under guidance of qualified librarian. Prereq: Completion of 21-hr core curriculum plus approval of director. F, W, Su
Graduate School of Planning

J.A. Spencer, Director

MAJOR

Planning

DEGREE

M.S.P.

Graduate School of Planning offers a program of studies leading to the professional degree of Master of Science in Planning. Students take a core curriculum in the theory, techniques and practice of urban and regional planning. Each student also selects a concentration in one of the following areas: land use planning, transportation planning, analytical methods in planning, regional planning and development, real estate development planning, environmental planning, economic development planning, or other faculty approved speciality. The M.S.P. degree program prepares planners for a variety of career opportunities in both the public and private sectors. Graduates are candidates for professional positions in regional, city, county, and metropolitan planning agencies; in local, state and federal agencies concerned with physical, economic and administrative planning; in private business and organizations dealing with development problems; and in private consulting practice.

The Graduate School of Planning is accredited by the American Planning Association. All inquiries about the program should be addressed to the Director of the School.

Admission Requirements: All applicants should submit two letters of recommendation with their applications. Reference letters should be from teachers familiar with the applicant's undergraduate or, where applicable, graduate academic record. The applicant has had prior planning experience, a letter from a supervisor or other person familiar with the work of the applicant should also be provided. All applicants must submit a statement of career goals. Graduate Record Examination scores are not required, but applicants are encouraged to submit them.

The M.S.P degree is approved for SREB Academic Common Market participation in Arkansas, Georgia, Kentucky, and West Virginia.

THE MASTER'S PROGRAM

Each student will be required to demonstrate competence in individual research. This may take either of two forms. Option I—Complete a thesis for 9 hours credit; Option II—Complete a major study with acceptable documentation. In order to be eligible for the major study option, the student must have completed at least 24 hours of graduate course work and have attained at least a 3.5 cumulative grade point average (at the time of approval of the major study proposal). The student meeting these criteria may present a proposal to his/her committee for a major study which will include at least 9 hours of subsequent elective course work related to the study topic. The proposal shall justify the selection of the topic, problem or issue and the approach to the study.

Each student will be required to complete a minimum of 72 hours credit of which at least 48 hours must be in courses offered in the School. Further enhancement of the concentration is permitted by taking added elective courses in the subject area.

The following courses are the required core curriculum for the M.S.P. degree: 5100, 5110, 5130, 5141, 5160, 5230, 5270, 5280, 5340, 5440, 5460. Each student is required to develop an area of specialized competence in addition to the core curriculum. After selecting the area of concentration, usually by the end of the second quarter, the student takes a prescribed set of courses in the subject area.

Option I—Complete a major study with acceptable documentation. Special course work related to the study topic. The proposal shall justify the selection of the topic, problem or issue and the approach to the study.

Each student will be required to complete a minimum of 72 hours credit of which 48 hours must be in courses offered in the School. Further enhancement of the concentration is permitted by taking added elective courses in the subject area and by focusing the thesis or major paper on the subject. Speciality courses are drawn from the School curriculum and from other departments in the university.

A student may propose an individualized speciality program, consisting of at least 12 hours of coursework, subject to approval of the student's committee. A work internship is recommended, but not required, during the summer between the first and second year of the program. Students who do not have prior experience in comprehensive plan preparation are advised to enroll in an intensive nine credit hour synthesis project course sequence.

Students in the Graduate School of Planning must pass a comprehensive written examination after approximately five quarters of coursework.

It normally requires two academic years to complete the program. Transfer credits from other institutions or programs may be accepted, up to a maximum of 15 quarter hours, subject to approval of the School and The Graduate School.

4100 Survey of Planning (3) History of city development and of planning with special attention to the U.S. experience in urban planning. State of the art, the process, the comprehensive plan. Examination of urban and regional planning issues in society. (4) S, F, Su

5000 Thesis (1-15) FNP only. E

5002 Non-Thesis Graduation Completion (5-15) Required for the non-thesis student not otherwise registered during any quarter while in courses designed for the non-thesis student. Not for credit for M.S.P. degree.

5008 The Planning Process (3) Identification and examination of general aspects of planning process and planning techniques applied in various settings. Subject to approval of degree requirements. May be repeated. (S, F, Su only. E

5040 Communications for Planners (1) Introduction to basic communications, interpersonal and group communications, audiovisual applications, graphic presentations, computer graphics and models. (2) F

5045 Communications for Planners II (4) Graphic communication in planning, maps and mapping, computer graphics, models and presentation graphics. (4) F
5465 Planning and Property Development (3) Legal basis for planning and guiding community development. Exercise of police power and eminent domain. Determination of public and private programs aimed at urban revitalization. Review of development and administration of zoning, subdivision, exercise of police power and eminent domain. Prereq: 5435.

5455 Urban Revitalization (3) Goals, principles and strategies for restoring and revitalizing cities. Review and analysis of historic, current, and proposed public and private programs aimed at urban revitalization. Physical building and restoration activities as related to financial and administrative requirements. Relationship and coordination of public and private activities and economic and social development programs. Prereq: 5420 or consent of instructor.

5480 Planning Administration (2) Planning agency management, program development, and agency finance. Prereq: 5435.

5466 Planning and Property Development (3) Process of urban physical growth and change with emphasis on functioning of private sector real estate development and its relationship to planning. Partnership roles of public and private sectors in urban development and redevelopment. Prereq: 5435.

5500 Synthesis (3) Problem-oriented experience to integrate knowledge from previous courses. Internship. Supervised experience in planning related to a real-world situation. Prereq: 5420 or consent of instructor.

5670 Social Planning (2-3) Theory, philosophy and implications of programs for planned social change. Consideration of major social planning issues in diverse fields of service: aging, corrections, education, health and social services; aging, corrections, education, health and social services; aging, corrections, education, health and social services; aging, corrections, education, health and social services; aging, corrections, education, health and social services. Prereq: 5110 or consent of instructor.

5790 Social Planning (3-5) Theory, philosophy and implications of programs for planned social change. Consideration of major social planning issues in diverse fields of service: aging, corrections, education, health and social services; aging, corrections, education, health and social services; aging, corrections, education, health and social services. Prereq: 5110 or consent of instructor.
Graduate School of Social Work

The University of Tennessee School of Social Work has a special advanced standing/accelerated program which enables eligible candidates to complete the M.S.S.W. degree in four quarters. This advanced standing/accelerated program is approved by the Council on Social Work Education. Students who qualify for the Accelerated Program must:

1. Have achieved a 3.0 or above grade point average (on a 4.0 scale) in undergraduate work.
2. Have completed an undergraduate major in social work from a program accredited by the Council on Social Work Education.
3. Pass a qualifying examination administered by the School of Social Work faculty in early spring.

The accelerated programs begin in the Memphis and Knoxville branches in March and in the Nashville branch in June with an Intensive ten-week term from which students proceed in the fall into the regular second-year curriculum. Application for admission to the accelerated program is through the regular admission process. Applications should be filed not later than December 31 for the Memphis and Knoxville programs, and not later than January 31 for the Nashville program.

DEGREES

Major: Graduate School of Social Work

Social Work

M.S.S.W., Ph.D.

MAJOR DEGREES

Social Work

M.S.S.W., Ph.D.

Graduate School of Social Work offers a fully accredited two-year graduate program, with a program (thesis or non-thesis option) leading to the degree of Master of Science in Social Work.

The University of Tennessee School of Social Work has its primary objective the education and training of persons for leadership in the social welfare profession and the social work practice community. Leadership roles include positions in social welfare administration, social planning and policy development, and positions as treatment team leaders, supervisors, consultants, and expert practitioners.

Central to professional leadership are a commitment to the values and goals of the profession and a developed capacity for self-awareness and self-discipline. The experience of a graduate professional education builds commitment, and the School’s program guides students into independent, analytical thought and prepares them to use their skills and knowledge to effective purpose.

The School of Social Work recognizes and enjoys the challenges of cultural pluralism in society and encourages applications for admission from minority group members. Through the planned inclusion of significant and pertinent racial and ethnic content in the curriculum, the School provides students with the educational background needed to take creative roles in the social work profession’s efforts toward the elimination of racism and other social ills as poverty, crime, neglect, and social injustice.

A special bulletin describing the facilities, admission, fees, and degree requirements is obtainable from The School of Social Work, Hanson Hall, Knoxville, Tennessee 37996-3333.

ADMISSION REQUIREMENTS

Admission to the professional curriculum is based on the following requirements:

1. A bachelor’s degree from an accredited college or university with some preparation in the social sciences. At least three-fourths of the applicant’s undergraduate work should be in the social sciences, humanities, physical sciences, and other liberal arts subjects. Those with other academic backgrounds may request consultation regarding ways in which they might be admitted.

2. A grade point average of 2.5 on a 4.0 scale, with those failing below the average to be admitted on supplemental evidence of ability to perform at a satisfactory level.

3. Personal qualifications acceptable for entrance into the professional practice of social work. Preference is given to applicants with a B average in undergraduate work and substantial preparation in the social sciences. Applications should be filed no later than March 1 for the year in which admission is desired.

ADVANCED STANDING/ACCELERATED PROGRAM

The University of Tennessee School of Social Work has a special advanced standing/accelerated program which enables eligible candidates to complete the M.S.S.W. degree in four quarters. This advanced standing/accelerated program is approved by the Council on Social Work Education.

Students who qualify for the Accelerated Program must:

1. Have achieved a 3.0 or above grade point average (on a 4.0 scale) in undergraduate work.
2. Have completed an undergraduate major in social work from a program accredited by the Council on Social Work Education.
3. Pass a qualifying examination administered by the School of Social Work faculty in early spring.

The accelerated programs begin in the Memphis and Knoxville branches in March and in the Nashville branch in June with an Intensive ten-week term from which students proceed in the fall into the regular second-year curriculum. Application for admission to the accelerated program is through the regular admission process. Applications should be filed not later than December 31 for the Memphis and Knoxville programs, and not later than January 31 for the Nashville program.
knowledge of the theory and methodology and prevent social dysfunction. The specialization attempts to develop a thorough understanding of the theory and methodology of social work, and to enhance the student's ability to work effectively with individuals, families, and groups. The specialization focuses on the development of critical thinking skills and the application of social work theories and methods to the practice of social work.

**AREAS OF SPECIALIZATION**

**Social Work Treatment:** The social work treatment specialization provides the educational basis for practice with individuals, families, and groups in order to enhance their social functioning, ameliorate problems, and promote social well-being. The special- ization attempts to develop a thorough understanding of the theory and methodology of social work, and to enhance the student's ability to work effectively with individuals, families, and groups.

**Social Work Administration and Planning:** The social work administration and planning specialization provides the educational basis for leadership in the design, implementation, and continued delivery of effective human service programs at the local, regional, and state levels. The specialization emphasizes the importance of social work practice in improving and extending the knowledge base of social work practice and in enhancing the student's capacity to work effectively in leadership roles in social work organizations and agencies. The specialization includes coursework in management, leadership, and policy, as well as experience in the design, implementation, and evaluation of social work programs.
and requests for admission should be sent to the Memphis Branch where there are opportunities for internship and to complete dissertation research under the supervision of faculty. After this, students register during any quarter when such a student uses university facilities and/or faculty time before degree completion. May not be double counted. Degree requirements may be repeated. ENC only.

5070-80 Social Work Research I, II, (3, 3) Research methodology as applied to professional social welfare. Prerequisites: research design, experimental and descriptive research methods, data analysis, and presentation and reporting. F, W

5881 Experiential Research in Social Work Practice, (3-3) Advanced research course. Topics include research methodology, research design and methodology appropriate to evaluating social welfare programs and policies. Prerequisites: Completion of research design or consent of instructor. F, W

5882 Practicum in Social Research Practice, (3-3) Supervised practice in social research. Topics include selected research problems and data analysis. Prerequisites: 5070-80 and consent of faculty member conducting investigation. ENC only, Sp.

5883 Directed Readings in Research, (2-4) May be repeated. S/NC only. Sp

5900 Social Work with Individuals and Families (3) Social Work literature, social casework as method of social work practice and its role in interprofessional treatment. Prerequisites: Completion of foundation or consent of instructor. W

5905 Contemporary Treatment Modalities: Individual and Family (2-3) Well-established and developing treatment modalities in terms of essential concepts. (Differential factors and theory-based therapies. Prerequisite: Completion of foundation or consent of instructor. F

5910 Social Work Practice I (3) Basic theory, values and methodology of some of major group treatment modalities with emphasis on theory-base, research and evaluation. Prerequisite: Completion of foundation or consent of instructor. F

5920 Social Work Practice with Individuals and Families (3) Historical and contemporary theories regarding individual and family systems. Prerequisite: Completion of foundation or consent of instructor. W

5921 Community Organization (2-3) Using behavioral science to understand interrelationships among people, groups, organizations and community systems. Prerequisite: Completion of foundation or consent of instructor. W

5925 Difference in Individual and Family Practice (3) Emphasis on unique problems of individuals and families in rural areas. Prerequisite: Completion of foundation or consent of instructor. W

5930 Social Policy Analysis (2-3) "Policyscience" and methodology of some of major group treatment modalities with emphasis on theory-base, research and evaluation. Prerequisite: Completion of foundation or consent of instructor. F

5931 Deviant Behavior of Children and Youth (2-3) Deviant behavior and conduct disorders in children. Prerequisite: completion of course in psychology and other social science. Prerequisite: Completion of foundation or consent of instructor. W

5932 Human Social Policy and Services (2) Interprofessional social policy and services in the context of the social system, the individual, and the professional setting. Prerequisites: Completion of foundation or consent of instructor. W

5934 Social Work Policy and Services (2) Historical and contemporary theories regarding individual and family systems. Prerequisite: Completion of foundation or consent of instructor. W

5940 Social Work Practice with Individuals and Families (3) Well-established and developing treatment modalities in terms of essential concepts. (Differential factors and theory-based therapies. Prerequisite: Completion of foundation or consent of instructor. W

5950 Social Work Practice with Families (3) "Policyscience" and methodology of some of major group treatment modalities with emphasis on theory-base, research and evaluation. Prerequisite: Completion of foundation or consent of instructor. F

5951 Interpersonal Skill Development (2-3) Interpersonal skill development. Prerequisite: completion of course in psychology and other social science. Prerequisite: Completion of foundation or consent of instructor. W

5952 Social Work with Oppositional Populations (2) Emphasis on unique problems of individuals and families in rural areas. Prerequisite: Completion of foundation or consent of instructor. W

5953 Social Work with Oppositional Populations (2) Emphasis on unique problems of individuals and families in rural areas. Prerequisite: Completion of foundation or consent of instructor. W

5954 Family Therapy in Social Work Practice (2-3) Emphasis on unique problems of individuals and families in rural areas. Prerequisite: Completion of foundation or consent of instructor. W

5955 Social Policy Analysis (2-3) "Policyscience" and methodology of some of major group treatment modalities with emphasis on theory-base, research and evaluation. Prerequisite: Completion of foundation or consent of instructor. W

5956 Social Work Practice with Individuals and Families (3) Well-established and developing treatment modalities in terms of essential concepts. (Differential factors and theory-based therapies. Prerequisite: Completion of foundation or consent of instructor. W

5957 Social Work with Oppositional Populations (2) Emphasis on unique problems of individuals and families in rural areas. Prerequisite: Completion of foundation or consent of instructor. W

5960 Social Work Treatment with Groups (3) "Policyscience" and methodology of some of major group treatment modalities with emphasis on theory-base, research and evaluation. Prerequisite: Completion of foundation or consent of instructor. F

5961 Interpersonal Skill Development (2-3) Interpersonal skill development. Prerequisite: completion of course in psychology and other social science. Prerequisite: Completion of foundation or consent of instructor. W

5962 Social Work Treatment with Individuals and Groups (3) "Policyscience" and methodology of some of major group treatment modalities with emphasis on theory-base, research and evaluation. Prerequisite: Completion of foundation or consent of instructor. F

5963 Social Work with Individuals and Families (3) Historical and contemporary theories regarding individual and family systems. Prerequisite: Completion of foundation or consent of instructor. W

5966 Community Organization (2-3) Using behavioral science to understand interrelationships among people, groups, organizations and community systems. Prerequisite: Completion of foundation or consent of instructor. W

5970 Social Planning (2-3) (Same as Planning 5670)

5971 Planning and Management of Change in Social Welfare (3) Principles and models of change. Emphasis on the planning and management of change in social welfare, including assessment, strategic decision making, organizational change, development, implementation, evaluation, and improvement. Prerequisite: completion of course in psychology and other social science. Prerequisite: Completion of foundation or consent of instructor. W

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5700 Organizational Design of Social Welfare Agencies (2-3) Critical problems of adapting organizational structure and operational patterns to new tasks, objectives, and mandates. Planning and design techniques for new programs and for modification of existing programs for appropriate deployment of resources and for efficiency, effectiveness, and comprehensiveness of organizational design. Integration of theory and experience for development of practical skills for coping with variety of social situations. Prereq. Second-year administration or consent of instructor. SP
5741 Supervision in Social Work (2-3) Dual roles of supervisor in various settings, and supervision distinguished from consultation and from direct practice. Responsibility and accountability to client system. Supervision of: social workers, supervisors, and executives; problems of mobile management position of supervisor. Differentiation of consultation and supervision. Prereq: Second-year administration or consent of instructor. SP
5742 Consultation in Social Work (2-3) Consultation as distinguished from supervision, consultation and exchange of ideas and techniques in relation to various settings and levels of responsibility. Processes of consultation and practice of consultation and dilemmas of consultant's position. Prereq: Second-year status or consent of instructor. SP
5743 Management of Human Resources in Social Welfare (2-3) Personnel function in administration of human resources programs and agencies. Personnel policies, practices, and procedures. Employment, recruitment, selection, placement, training, evaluation, and fair employment practices. Prereq. Completion of foundation or consent of instructor. SP
5744 Education and Training in Social Welfare (2-3) Philosophies and practices of teaching and learning relating to human resources in social work and social welfare. Administration of human resource programs and agencies, training and education, unique aspects of adult learning, methods of training and education, administrative and planning. Prereq: Completion of foundation or consent of instructor. SP
5791 Social Welfare Administration and Planning (3) Topics significant to managerial role such as decision making, budgeting, planning, and program planning. Prereq: Completion of foundation or consent of instructor. SP
5792 Seminar in Social Welfare Administration and Planning (3) To assist students in acquiring specific administrative and planning techniques appropriate for personnel in the social welfare delivery systems. Prereq. Completion of foundation or consent of instructor. SP
5791 Information Systems and Decision Making (2-3) Decision-making in human service organizations: utilization of information in policy formulation; delivery of services and evaluation of organizational performance. Information generation, collection, processing, storage, retrieval, and utilization in relation to management control, evaluation, and forecasting. Prereq. Completion of foundation or consent of instructor. SP
5793 Financial Management for Social Welfare Administration (2-3) Evaluation of human resource allocations and the use of scarce human resources in social services organization. Technics and tools of budgetary control and other aspects of financial management examined. Prereq. Completion of foundation or consent of instructor. SP
5795 Management of Medical Settings (2-3) Issues and trends in ambulatory care, community pharmacy, and pharmacy management. Prereq: Completion of foundation or consent of instructor. SP
5803 Social Aspects of Illness (2-3) Social, economic, and legal problems arising from or related to illness and disability as they affect individuals, families, and communities. Services needed to obtain optimum results from medical care. Lectures, discussions, illustrative case material. SP
5804 Drugs, Use and Abuse (2-3) Survey and analysis of social, cultural, medical, and psychological factors underlying substance and drug abuse, recent research and treatment innovations, social work with user and family. Prereq. Completion of foundation or consent of instructor. SP
5806 Social Work Treatment for Mental Adjustment (2-3) Interventions through social and cultural values and personality processes which gain expression in behavior and interpersonal relations. Prereq: Completion of foundation or consent of instructor. SP
5809 Law and Social Work (2-3) Basic principles of law which relate to social work practice organization of major federal, state, and local agencies; problems of legal nature that affect social work. SP
5810 Social Gerontology (2-3) Physical, psychological, and social aspects of aging: economic and financial status of aging; older person and family; community programs for aging; retirement—phenomenon of modern society. SP
5815 The Roles of Women (2-3) Roles and statuses of women; emphasis on contemporary American scene. Empirical research as well as popular literature. Racked and achieved facets of women's statuses. A
5816 Graduate Seminar in Public Health (1-3) Same as Public Health 5900. Prereq. 5900. Nutrition and 5910, and Physical Education 5900. NSC only.
5820 Field Practice (3, 4) Instruction and supervised practice in social work with individuals, groups and communities. Prereq. Admission to the School. SP
5830 Social Work Research (2-3) Survey and analysis of social work research literature. Critical analysis of knowledge bases for development of social work profession. Prereq: Completion of foundation or consent of instructor. SP
5831 Advanced Research, under faculty supervision, of practical relevance in social work practice. Prereq. Completion of Ph.D. foundation courses or consent of instructor. May be repeated. Maximum 9 hrs.
5835 Community Practice Seminar (2-3) Seminar on social work practice in community agencies. Prereq. Admission to School. Must be taken in sequence. SP
5836 Seminar in Social Work Education (2-3) Curricular issues and teaching methods, classroom experience in social work teaching.