

Occupational Therapy
Entry-Level Degree Program

Curriculum Guide

M.S.

OT 545 Occupational Analysis I

Introduction to and application of occupational analysis in relation to play, leisure, and social participation. Concepts of grading and adapting occupations will be explored and opportunity will be given to apply principles of the teaching-learning process.

OT/PT 549 Neuroanatomy

Study of the gross and microscopic anatomy of the nervous system. This course is a clinical case analysis of frequently seen conditions in rehabilitation. (Pre-requisite – HS510,HS 520)

OT 600 Conditions I

Study of clinical management of common diseases, psychiatric conditions, and developmental disorders of adults and children. Diagnoses, prognoses, and medical management of these conditions are explored.

OT 601 Conditions II

Study of clinical management of neurological and orthopedic conditions, and developmental disorders of adults and children. Diagnoses, prognoses, and medical management of these conditions are explored.

OT/PT 611 Neuroscience

Study of the function of the central, peripheral, and autonomic nervous systems with special emphasis on motor and sensory pathways. (Prerequisites – OT/PT 549).

OT 614 Pediatric Occupational Therapy I

Theoretical foundations and frames of reference of occupational therapy in the area of pediatric practice. Focus is on assessment and development of treatment objectives, and family-centered practice. Issues as related to various settings in pediatric practice are discussed. (Prerequisites – OT 513, OT 533, OT 542, OT 600, OT 601)

OT 615 Occupational Analysis II

Continuation of Occupational Analysis I. Principles of occupational analysis, grading, and adapting are applied to basic and instrumental activities of daily living. Community resources as well as issues of accessibility are addressed. (Prerequisite – OT 545, OT 623).

OT 623 Physical Disabilities I

Theoretical foundations and frames of reference of occupational therapy for individuals with physical disabilities. Focus is on the evaluation and treatment of skills and deficits as related to frames of reference for persons with different physical disabilities. (Prerequisites – OT 516, OT 533, OT 600, OT 601. Co-requisite OT 625).

OT 624 Pediatric Occupational Therapy II

Treatment planning and intervention for children. Focus is on integrating specific theories and frames of reference into the treatment process. Level I fieldwork is required. (Prerequisite – OT 614, OT 625. Co-requisite OT 625)

OT 625 Occupational Analysis III

Continuation of Occupational Analysis I and II. Principles of occupational analysis, grading, and adapting are applied to work and educational occupations. (Prerequisite – OT 545)

OT 627 Level I Fieldwork (Pediatrics)

A one week rotation that is taken in conjunction with OT 624. The student is expected to integrate content from Pediatric Occupational Therapy II into a practice setting. Course is taken on a pass/fail basis. (Co-requisite: OT 624)

OT 631 Physical Modalities

Modalities and therapeutic interventions used to prepare the patient to engage in occupations. Course includes orthotics and physical agent modalities.

OT 632 Psychosocial Occupational Therapy I

Theoretical foundations and frames of reference of occupational therapy for individuals with psychiatric conditions. Focus is on the evaluation of skills and deficits as related to frames of reference for persons with different psychiatric conditions. (Prerequisite – OT 523, OT 600)

OT 633 Physical Disabilities II

Continuation of Physical Disabilities I. Focus is on evaluation, treatment, and documentation of skills and deficits for persons with various physical disabilities along the continuum of care. Level I fieldwork is required. (Prerequisite – OT 623)

OT 634 Professional Development I

First course in a series of two aimed to promote the growth and development of students to become reflective occupational therapy professionals who view themselves as lifelong learners. Includes an exploration of the role of occupational therapy in the promotion of health and the prevention of disease and disability. (Prerequisites: completion of all first year courses)

OT 635 Practice Management in Occupational Therapy

Principles of organization and management in the health care system today. Models covered include nonprofit, proprietary, entrepreneurial, and corporate facilities. Systems of managed care and changes in health care delivery are examined. Leadership theories and application to occupational therapy are explored.

OT 637 Level I Fieldwork (Physical Disabilities)

A one week rotation that is taken in conjunction with OT 633. The student is expected to integrate content from Physical Disabilities II into a practice setting. Course is taken on a pass/fail basis. (Co-requisite: OT 633)

OT 641 Technology and Occupational Therapy

Current technology utilized for occupational therapy evaluation and treatment of dysfunction. Use of computers, switches, software programs, adaptive equipment, diagnostic, medical, and environmental controls are explored.

OT 642 Psychosocial Occupational Therapy II

Treatment planning and intervention for individuals with psychiatric conditions. Focus is on integrating specific theories and frames of reference into the treatment process. Level I fieldwork is required. (Prerequisites – OT 632)

OT 644 Practice Issues and Trends in Occupational Therapy

Current trends and issues within the occupational therapy profession. Forms of participative management, impact of legislative decisions, and changing practice roles and emerging practice areas are covered.

OT 646 Professional Development II

Second course in a series of two aimed to promote the growth and development of students to become reflective occupational therapy professionals who view themselves as lifelong learners. Discussion related to students' experiences from Fieldwork Level I combined with additional practice scenarios will be used to develop clinical reasoning regarding screening, assessment, intervention and transition planning across the continuum of care to prepare for Fieldwork Level II and for future entry-level OT practice. (Prerequisites: OT 627,637,647)

OT 647 Level I Fieldwork (Psychosocial Dysfunction)

A one week rotation that is taken in conjunction with OT 642. The student is expected to integrate content from Psychosocial Occupational Therapy II into a practice setting. Course is taken on a pass/fail basis. (Co-requisite: OT 642)

OT 650 Independent Study/Tutorial

Study of a focused topic on an individual basis.

*** OT 751 Level II Fieldwork, Spring**

An in-depth (full time for 12 weeks) supervised experience with responsibility for providing occupational therapy services to clients with various occupational performance deficits. (Pre-requisites: OT 624, OT 627, OT 633, OT 637, OT 642, OT 647)

*** OT 752 Level II Fieldwork, Fall**

An in-depth (full time for 12 weeks) supervised experience with responsibility for providing occupational therapy services to clients with various occupational performance deficits. (Pre-requisite: OT 751)

***OT 753 Level II Fieldwork, Elective**

An in-depth (full time for 8-12 weeks) supervised experience with responsibility for providing occupational therapy services to clients in a selected interest area. (Pre-requisites: OT 751, OT 752)

Note: *All level II fieldwork must be completed within 24 months following completion of academic course work. Fieldwork placements will be scheduled at facilities throughout the United States. Students will be scheduled for a variety of experiences that reflect various age groups, diagnostic categories, and service delivery models.

A.T. STILL UNIVERSITY | ATSU
ARIZONA SCHOOL OF HEALTH SCIENCES

ATSU Admissions

800 W. Jefferson St, Kirksville, MO 63501
660-626-2237
660-626-2969 fax
866-626-2878, ext 2237
admissions@atsu.edu

www.atstu.edu

The Occupational Therapy Program is accredited by the Accreditation Council of the American Occupational Therapy Association (ACOTE), 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824, phone 301.652.6611, ext. 2914.

The Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools (NCA), 30 North LaSalle St., Suite 2400, Chicago, IL 60602, phone 800.621.7440, accredits A.T. Still University.

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**HEALTH SCIENCE COURSE DESCRIPTIONS
(Core Courses)****HS 510 Human Anatomy I**

A study of the general principles of histology and human anatomy with emphasis on the development of the musculoskeletal system of the head and neck and upper extremity. Prosected human cadaver laboratory is required.

HS 520 Human Anatomy II

A continuation of HS 510, 520 is a study of the general principles of human anatomy with emphasis on the regions of the thorax, abdomen, pelvis, spine and lower extremities.

**COURSE DESCRIPTIONS – Related to the
Research Project****HS 522 Research Methods and Design**

Development and application of graduate level knowledge and skills related to research methods in health sciences. Completion of this course will assist the student in the development and completion of a research proposal including the identification of a problem, conducting a literature review, developing a hypothesis, designing a study and submitting an Institutional Review Board application.

HS 532 Methods of Data Analysis

Development and application of graduate level knowledge and skills regarding methodologies and statistics appropriate in descriptive and experimental research. Statistical software programs will be utilized to enhance student understanding and application of course material.

HS 612 Research-Directed Study

Research under faculty supervision. Requires filing of course objectives with program chair.

HS 622 Research-Directed Study

Research under faculty supervision. Requires filing of course objectives with program chair.

HS 632 Research-Directed Study

Research under faculty supervision. Requires filing of course objectives with program chair.

HS 642 Research-Directed Study

Research under faculty supervision. Requires filing of course objectives with program chair.

HS 652 Research-Directed Study

Research under faculty supervision. Requires filing of course objectives with designated faculty member(s).

OT 754 Directed Research

Research under faculty supervision. Requires filing of course objectives with program chair.