

MSOT class of 2019 Course Descriptions and Credit Values

		Fall Quarter 2016	
OT	512	Foundations of Occupational Therapy	2
OT	513	Occupations Across the Life Span	3
OT	516	Basic Patient Care Skills	3
OT	523	Group Process	3
HS	510	Human Anatomy I	4
		Total Credits:	15
		Winter Quarter 2016-2017	
HS	520	Human Anatomy II	4
OT	543	OT Theory and Philosophy	2
OT	522	Pathology	3
HS	522	Research Methods and Design	3
		Total Credits:	12
		Spring Quarter 2017	
OT	600	Conditions I	4
OT	632	Psychosocial OT I	3
OT	545	Occupational Analysis I	2
HS	532	Methods of Data Analysis	3
OT	533	Kinesiology	4
OT	611	Neuroscience	4
OT	642	Psychosocial OT II	3
		Total Credits:	23
		Summer 2017	
OT	544	Ethics and Professionalism	1
OT	542	Introduction to OT Testing	2
OT	647	Fieldwork I A	1
OT	627	Fieldwork I B	1
		Total credits:	5
		Fall Semester 2017	
		Session I	
HS	622	Research Directed Study	1
OT	614	Pediatric Therapy I	3
OT	623	Physical Disabilities I	3
OT	615	Occupational Analysis II	2
OT	637	Fieldwork I C	1
		Session II	
HS	632	Research Directed Study	1
OT	624	Pediatric Therapy II	3
OT	641	Technology & OT	2
OT	633	Physical Disabilities II	3
OT	631	Modalities	3
		Total credits	22
		Spring Semester 2018	
		Session I	
HS	642	Research Directed Study	1
HS	652	Research Directed Study	1
OT	754	Directed Research	1
OT	625	Occupational Analysis III	2
OT	634	Professional Development I	1
OT	646	Professional Development II	1
		Session II	
OT	751	Fieldwork Level II A (12 weeks)	12
		Total credits:	19

		Fall Semester 2018	
		Session I	
OT	644	Practice Issues & Trends	2
OT	635	Practice Management	3
OT	755	Practice competency: Certification exam prep course	1
		Session II	
OT	752	Fieldwork Level II B (12 weeks)	12
		Total semester credits:	18
		Grand Total Credits	114

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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, HS 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.

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 622 Research-Directed Study

Research under faculty supervision. Requires fulfillment of course objectives with designated faculty mentor(s).

HS 632 Research-Directed Study

Research under faculty supervision. Requires fulfillment of course objectives with designated faculty mentor(s).

HS 642 Research-Directed Study

Research under faculty supervision. Requires fulfillment of course objectives with designated faculty mentor(s).

HS 652 Research-Directed Study

Research under faculty supervision. Requires fulfillment of course objectives with designated faculty mentor(s).

OT 512 Foundations of Occupational Therapy

Introduction to the field of occupational therapy including the history, philosophical beliefs, areas of practice and roles of practitioners. Focus is on developing an awareness of professional organizations, ethics and values with an emphasis on the OT Practice Framework.

OT 513 Occupations Across the Lifespan

Knowledge of normal development, developmental tasks, and age-specific activities from birth through old age vital to understanding the functional deficits resulting from injury, disease, or developmental abnormalities. Physical, cognitive, and psychosocial developmental milestones are identified.

OT 516 Basic Patient Care Skills

The rationale for and performance of basic patient care skills required by rehabilitation personnel. Course includes blood-borne pathogens, universal safety precautions, vital signs, positioning, draping, transfers, lifting, sterile procedure and isolation techniques, wheelchair handling, ambulation with assistive devices, environmental barriers, and basic patient care equipment. Laboratory required.

OT 523 Group Process

Understanding of group process and the relationship of self to the group. Group dynamics as well as the phases of group development, leadership roles, conflict resolutions, problem solving, and clinical application are emphasized.

OT 543 OT Theory and Philosophy

Introduction to the core concepts of major theories and models of practice in occupational therapy.

OT 522 Pathology

An introduction to the basic pathological processes that underlie diseases. The fundamentals of general pathology covered include the mechanism of cell injury and healing, response to infection, and disorders of the immune system. The etiology, pathogenesis, and morphologic manifestations of disease in the major organ systems are discussed.

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 632 Psychosocial OT 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. (Prerequisites OT 523, OT 600)

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 533 Kinesiology

The principles of kinesiology and biomechanics as they relate to human motion. Focus is on the mechanics of human motion necessary for physical evaluation and occupational analysis in occupational therapy. The functional application of human motion is covered, including evaluation techniques of goniometry and manual muscle testing. (Prerequisites HS 510 and HS 520)

OT 611 Neuroscience

Study of the function of the central, peripheral, and autonomic nervous systems with special emphasis on motor and sensory pathways.

OT 642 Psychosocial OT 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. (Prerequisite OT 632)

OT 544 Ethics and Professionalism

The legal, moral, and ethical basis for the professional practice of occupational therapy will be covered.

OT 542 Introduction to Occupational Therapy Testing

An introduction to the occupational therapy evaluative process. Methods of data collection and various evaluation tools are explored. The principles of measurement, including test selection, administration, scoring, and interpretation, are covered.

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 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 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 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 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 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 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 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 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 631 Physical Modalities

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

OT 754 Directed Research

Research under faculty supervision. Requires fulfillment of course objectives with designated faculty mentor(s)

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 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 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, OT 637, OT 647)

OT 751 Level II Fieldwork

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 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 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 752 Level II Fieldwork

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 755 Certification Examination Preparation

Comprehensive review of occupational therapy theory, application, and process in preparation for the national certification examination for occupational therapists. Includes study and test-taking strategies. (Prerequisites OT 751, OT 754).