

# Curriculum Design Occupational Therapy Program

## OUTCOMES:

**VISION:**  
Stony Brook University's Occupational Therapy Program expands the context and content of occupational therapy education through high quality innovative and comprehensive educational programs that support 21<sup>st</sup> century practice. Our changing world requires practitioners who have the knowledge, skills, and training to be leaders to address global, community, and individual health concerns and promote our human need for engagement in life activities and quality of life across the life span. Our program supports Stony Brook University's collective vision to provide accessible graduate education and foster the advancement of a diverse occupational therapy workforce.

**LEARNING:** Providing comprehensive undergraduate, graduate, and professional education of the highest quality to current and future occupational therapy practitioners to meet the demands of 21<sup>st</sup> century practice across the life span, enhancing their becoming critical reflective thinkers and lifelong learners.  
**Courses:** Functional Human Anatomy; Foundations and Theory in O.T.; Movement for Occupational Performance; Assess & Intervention in Mental Health; Occupations Across the Life Span; Functional Neuroscience; Assess & Intervention of Young Children; Assess & Intervention in Physical Rehabilitation; Assess & Intervention in the Older Adult; Assess & Intervention in Substance Abuse Treatment.; Conditions in O.T.; Physical Agent Modalities.; Technological Applications in OT; Fieldwork I A, B, C  
**Core Curricular threads:** Clinical Reasoning, Critical Thinking and EBP, Practice Skills, Service Advocacy & Professionalism

**Knowledge of:** Biomechanical Concepts; Basic anatomical structures & Physiological function; Life Span Development; Mental Health & Substance Abuse Concepts

**SCHOLARSHIP:** Engaging in research and intellectual endeavors of the highest standards in collaboration with other service providers in order to contribute to the body of knowledge related to the study of occupation and its immediate and long-range practical significance.  
**Courses:** Introduction to Research Approaches and Designs; OT Task & Contextual Analysis; Statistics in OT Research  
**Core Curricular threads:** Clinical Reasoning, Critical Thinking and EBP, Practice Skills, Service Advocacy & Professionalism

**Knowledge of:** Research Methodology; Evidence Based Practice; Basic Statistical Analyses; Literature Review

**SERVICE:** Providing service to meet societal needs in local communities and the wider geographic region through enhancing occupational performance and the facilitation of economic, personal, social, and aesthetic contributions by individuals and populations.  
**Courses:** Foundations and Theory in O.T.; Professional Behaviors; Fieldwork IIA & IIB  
**Core Curricular threads:** Clinical Reasoning, Critical Thinking and EBP, Practice Skills, Service Advocacy & Professionalism

**Knowledge of:** History of Profession & Core Values of OT; Health & Wellness; Relationship between Occupation & Health; O.T. Assessments/evaluations & Interventions in all diagnostic categories

**LEADERSHIP & ADVOCACY:** Education of Practitioners to provide state-of-the-art in innovative health care to assist persons to engage in meaningful occupation and full participation in society, serving as resources to health care providers, educational institutions, and human service communities, while striving to provide and strengthen the OT profession.  
**Courses:** The OT Manager; Contemporary/Emerging Practice; Health Care Policy & Advocacy  
**Core Curricular threads:** Clinical Reasoning, Critical Thinking and EBP, Practice Skills, Service Advocacy & Professionalism

**Knowledge of:** Management theories; reimbursement systems; application of OT in non- traditional settings; learning theories

**GLOBALIZATION:** Supporting diversity in local and global contexts through positioning the Stony Brook Occupational Therapy Program in regional, national, and global community initiatives and opportunities.  
**Courses:** Community-to-Global Practice Implications in OT; Wellness & Health Promotion; Capstone Residency.  
**Core Curricular threads:** Clinical Reasoning, Critical Thinking and EBP, Practice Skills, Service Advocacy & Professionalism

**Knowledge of:** advanced theories of occupation development, human & societal development and health issues; advanced advocacy skills; advanced theories of disability identity development and OT practices

**Skills For:** -establishing therapeutic relationships with clients  
-goniometry & manual muscle testing  
-interviewing clients to collect information  
-performing assessments/evaluations  
Administering norm-referenced & criterion tests  
-designing, implementing & conducting treatment protocols  
-fabricating & training of orthoses & prosthetics  
-applying PAMS as adjunctive modality  
**Attitudes Fostered:**  
-critical thinking, clinical reasoning, client centered practice; therapeutic sense of self; active collaboration within & outside of the profession

**Skills For:** -clinical reasoning  
-collecting, analyzing & interpreting data  
-collaborative participation in scholarly activities  
-seeking out information independently  
**Attitudes Fostered:**  
-self-directed learning; clinical reasoning; best and current practice; innovators in research & practices

**Skills For:** -advanced application of OT theories & practices  
-ethical decision making  
-cultural competency  
**Attitudes Fostered:**  
-professional membership; service to the profession; professional behaviors; culturally competent practices

**Skills For:** -Entrepreneurship; OT Practice in non-traditional settings; advanced documentation maximizing reimbursement; Teaching and supervision of OT students and other learning communities; advanced application of OT practices  
**Attitudes Fostered:**  
-self-directed learning; leadership skills; self-awareness for professional growth.

**Skills For:** - advanced application of OT theory/practice; advanced understanding of relationship between occupation, health, community development and identity/development;  
**Attitudes Fostered:**  
-advocacy skills; community leadership.