



**Jordan University of Science & Technology**  
**Faculty of Applied Medical Sciences**

**Curriculum for the Bachelor's Degree**  
**In**  
**OCCUPATIONAL THERAPY**

**2024**



## About the Program

The Faculty of Applied Medical Sciences (FAMS) through its Department of Rehabilitation Sciences (DRS) offers a Bachelor of Science program in occupational therapy. This program is composed of 138 credit hours and is taught over a span of 4 years. The program was established to meet the medical market demands in Jordan and adjacent countries for well-trained, professional, and dedicated occupational therapists. The BSc degree in occupational therapy enables the graduates to become a member of rehabilitation teams in various healthcare settings including hospitals, rehabilitation centers, pediatric clinics, psychiatric wards, and long term care facilities.

## Vision

The vision of the department is to lead, through academic and research excellence, regional and national health care delivery in the field of rehabilitation sciences.

## Mission

Consistent with the mission of Jordan University of Science and Technology (JUST) and the Faculty of Applied Medical Sciences (FAMS), our mission at the department of rehabilitation sciences is to be a premier in improving rehabilitation sciences through graduating fully qualified rehabilitation professionals to fulfill the needs of clients in the community and the region.

## Objectives

1. Preparing trained, professional, and qualified graduates in the field of occupational therapy.
2. Providing graduates with opportunities for professional growth in the field of occupational therapy practice and research.
3. Engaging graduates in educational experiences that enhance their skill set for the delivery of quality care occupational therapy services to clients in clinics and communities.

## Outcomes

- 1- Understand occupational therapy core concepts, principles, domain and process, as defined by national and international occupational therapy entities (e.g., World Federation of Occupational Therapy [WOFT]).
- 2- Understand basic medical knowledge (e.g., anatomy and pathophysiology) and advanced professional knowledge (physical, cognitive and psychosocial functions) into various conditions that limit functional performance in everyday life.
- 3- Evaluate and analyze physical, cognitive and psychosocial abilities (person), occupational performance challenges and environmental barriers (occupation and context) that limit daily life activities and community participation.
- 4- Apply occupational therapy practice framework, occupation-based theories, and practice models in relevant practice situations.
- 5- Implement, and document client-centered and evidence-based occupational therapy plan, intervention, and outcomes within various settings (clinic, home, school, and community).
- 6- Create environmental adaptation and assistive technology that enhance physical, cognitive and psychosocial abilities (person), and improve occupational performance and participation (occupation and environment).
- 7- Analyze recent existing evidence related to specific practice situations, and create research to build on occupational therapy knowledge.
- 8- Advocate for occupational justice, social inclusion, and human rights by recognizing and addressing barriers to functional performance and participation at the levels of person, population and community.
- 9- Create a professional occupational therapy identity that seeks continuing education, clinical competence, and evidence-based practice, and contributes to the advancement of occupational therapy both nationally and internationally.



Curriculum for Bachelor degree in OCCUPATIONAL THERAPY 2023-2024



**The University Codes are as follows:**

Code	Department
<b>MED</b>	<b>DOCTOR OF MEDICINE (MD)</b>
<b>LM</b>	<b>ALLIED MEDICAL SCIENCES</b>
<b>HSS</b>	<b>BASIC SCIENCES AND HUMANITIES</b>
<b>P.T</b>	<b>PHYSICAL THERAPY</b>
<b>O.T</b>	<b>OCCUPATIONAL THERAPY</b>
<b>PHY</b>	<b>PHYSICS</b>
<b>NUR</b>	<b>NURSING</b>
<b>BT</b>	<b>BIOTECHNOLOGY &amp; GENETIC ENGINEERING</b>
<b>CHEM</b>	<b>CHEMISTRY</b>
<b>PH</b>	<b>PUBLIC HEALTH</b>

**Study Plan of The Bachelor's Degree in OCCUPATIONAL THERAPY**

The Bachelor's Degree in OCCUPATIONAL THERAPY is awarded from Department of Rehabilitation Sciences at the Faculty of Applied Medical Sciences in Jordan University of Science & Technology (JUST) after the successful completion of 138 credit hours distributed as shown in the following table:

Requirements	Credit Hours		
	Compulsory Hours	Elective Hours	Total
University Requirements	16	9	25
Faculty Requirements	21	0	21
Department Requirements	88	0	88
Specialization Requirements	0	4	4
<b>Total</b>	<b>125</b>	<b>13</b>	<b>138</b>

After fulfilling the requirements stipulated in the instructions for granting a Bachelor's degree (revised edition) at the Jordan university of Science and Technology issued by the Dean's Council abiding by the regulation concerned with issuing scientific degrees and diplomas at the Jordan university of Science and Technology for 1987.



### **Firstly: University Requirements**

Allocated to it (25 CHs) as stipulated in the instructions for granting a bachelor's degree, distributed as follows:

- a. Compulsory Requirements (16 CHs)
- b. Elective Requirements (9 CHs)

### **Secondly: Faculty Requirements**

Allocated to it (21 CHs) Compulsory as shown in the following table:

Course Number	Course Title	Credit Hours	Hrs Distribution		Prerequisite/Concurrent
			Theoritic	Lab	
MED230A	Human Physiology	3	3	0	HSS103BT OR BT103.
MED230B	Human Physiology (Lab)	1	0	2	(MED230A OR Concurrent).
HSS103BT	General Biology	3	3	0	
HSS103CHEM	General Chemistry	3	3	0	
HSS107BT	General Biology Laboratory	1	0	3	(HSS103BT OR Concurrent) OR (BT103 OR Concurrent).
HSS311PH	Biostatistics	2	2	0	
HSS391PARA	Ethics In Applied Medical Careers	1	1	0	
HSS491LM	Scientific Research Methods	1	1	0	HSS311PH.
HSS491ADS	Administration And Quality Assurance In Applied Medical Sciences	3	3	0	
P.T218	Gross Anatomy & Histology	2	2	0	HSS103BT. (HSS107BT OR Concurrent).
P.T220	Gross Anatomy And Histology (Lab)	1	0	2	Concurrent with P.T218.



### Thirdly: Department Requirements

Allocated to it (88 CHs) Compulsory as shown in the following table:

Course Number	Course Title	Credit Hours	Hrs Distribution		Prerequisite/Concurrent
			Theoretic	Lab	
LM202	Pathology	3	3	0	P.T218 AND MED230A AND MED230B.
NUR252	Growth And Development	3	3	0	
HSS103PHY	General Physics	3	3	0	
HSS499LM	Graduation Project	3	0	3	(HSS491LM OR Concurrent).
P.T201	Musculoskeletal Anatomy	2	2	0	P.T218.
P.T203	Musculoskeletal Anatomy (Lab)	1	0	2	Concurrent with P.T201.
P.T205	Biomechanics	2	2	0	HSS103PHY OR PHY103. (P.T203 OR Concurrent).
P.T206	Kinesiology	2	2	0	P.T205.
P.T208	Kinesiology( Lab)	1	0	2	Concurrent with P.T206.
P.T226	Neuroscience (1)	2	2	0	P.T218 AND MED230A.
P.T228	Neuroscience (1) (Lab)	1	0	2	Concurrent with P.T226.
O.T102	Introduction To Occupational Therapy	1	1	0	
O.T201	Fundamentals Of Occupational Therapy	2	2	0	(O.T102 OR Concurrent).
O.T203	Fundamentals Of Occupational Therapy Practical	1	0	2	Concurrent with O.T201.
O.T211	Assessment In Occupational Therapy	2	2	0	(P.T203 OR Concurrent).
O.T213	Assessment In Occupational Therapy Practical	1	0	2	Concurrent with O.T211.
O.T214	Activity Analysis	1	1	0	O.T213.
O.T216	Activity Analysis Practical	1	0	2	Concurrent with O.T214.
O.T220	Independent Living	2	2	0	O.T203.
O.T222	Independent Living Practical	1	0	2	Concurrent with O.T220.
O.T250	Musculoskeletal Diseases	2	2	0	P.T203.
O.T321	Occupation: Theories And Models	1	1	0	O.T102.
O.T323	Occupation: Theories And Models Practical	1	0	2	Concurrent with O.T321.
O.T333	Psychiatric Disorders	1	1	0	(NUR252 OR Concurrent).
O.T335	Psychosocial Counselling And Group Therapy	2	2	0	(O.T333 OR Concurrent).
O.T336	Occupational Therapy For Psychosocial Dysfunction	2	2	0	(O.T333 OR Concurrent).
O.T337	Psychosocial Counselling And Group Therapy Practical	1	0	2	Concurrent with O.T335.
O.T338	Occupational Therapy For Psychosocial Dysfunction Practical	1	0	2	Concurrent with O.T336.
O.T345	Occupational Therapy For Children (1)	2	2	0	NUR252.
O.T346	Occupational Therapy For Children (2)	2	2	0	O.T347.



Course Number	Course Title	Credit Hours	Hrs Distribution		Prerequisite/Concurrent
			Theoritic	Lab	
O.T347	Occupational Therapy For Children (1) Practical	1	0	2	Concurrent with O.T345.
O.T348	Occupational Therapy For Children (2) Practical	1	0	2	Concurrent with O.T346.
O.T351	Occupational Therapy For Physical Dysfunction (1)	2	2	0	O.T213 AND O.T222.
O.T352	Occupational Therapy For Physical Dysfunction (2)	2	2	0	O.T351.
O.T353	Occupational Therapy For Physical Dysfunction (1) Practical	1	0	2	Concurrent with O.T351.
O.T354	Occupational Therapy For Physical Dysfunction (2) Practical	1	0	2	Concurrent with O.T352.
O.T355	Neuroscience For Rehabilitation	2	2	0	P.T226.
O.T356	Upper Extremity Rehabilitation And Splinting	2	2	0	O.T213.
O.T358	Upper Extremity Rehabilitation And Splinting Practical	1	0	2	Concurrent with O.T356.
O.T364	Community Rehabilitation	1	1	0	O.T345 AND O.T351.
O.T366	Community Rehabilitation Practical	4	0	8	Concurrent with O.T364.
O.T471	Clinical Training In Paediatrics	4	0	8	O.T348.
O.T472	Clinical Training In Independent Living	4	0	8	O.T354.
O.T473	Clinical Training In Physical Dysfunction	4	0	8	O.T354.
O.T474	Clinical Training In Geriatrics	4	0	8	O.T354.
O.T475	Clinical Training In Psychosocial Dysfunction	4	0	8	O.T337 AND O.T338.

### Forth: Specialization Requirements

Allocated to it (4 CHs) Elective as shown in the following table:

Course Number	Course Title	Credit Hours	Hrs Distribution		Prerequisite/Concurrent
			Theoritic	Lab	
O.T476	Advanced Clinical Training In Paediatrics	4	0	8	O.T471.
O.T477	Advanced Clinical Training In Physical Dysfunction	4	0	8	O.T473.
O.T478	Advanced Clinical Training In Psychosocial Dysfunction	4	0	8	O.T475.



## Guidance Plan

### First Year

#### First Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
HSS103BT General Biology	3	
HSS103CHEM General Chemistry	3	
HSS103PHY General Physics	3	
HSS110 Leader And Social Responsibility	3	
HSS119 Entrepreneurship And Innovation	2	
LG101 Communication Skills In English	3	Passing LG099 OR Passing ENG099. OR Passing the Placement Test with a mark of 50 or above.
<b>Total Hours</b>	<b>17</b>	

#### Second Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
ARB102 Communication Skills In Arabic	3	
HSS107BT General Biology Laboratory	1	(HSS103BT OR Concurrent) OR (BT103 OR Concurrent).
LG103 Life Skills	2	
MED230A Human Physiology	3	HSS103BT OR BT103.
MED230B Human Physiology (Lab)	1	(MED230A OR Concurrent).
MS100 Military Sciences	3	
O.T102 Introduction To Occupational Therapy	1	
P.T218 Gross Anatomy & Histology	2	HSS103BT. (HSS107BT OR Concurrent).
P.T220 Gross Anatomy And Histology (Lab)	1	Concurrent with P.T218.
<b>Total Hours</b>	<b>17</b>	



## Second Year

### First Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
HSS391PARA Ethics In Applied Medical Careers	1	
LM202 Pathology	3	P.T218 AND MED230A AND MED230B.
NUR252 Growth And Development	3	
O.T201 Fundamentals Of Occupational Therapy	2	(O.T102 OR Concurrent).
O.T203 Fundamentals Of Occupational Therapy Practical	1	Concurrent with O.T201.
O.T211 Assessment In Occupational Therapy	2	(P.T203 OR Concurrent).
O.T213 Assessment In Occupational Therapy Practical	1	Concurrent with O.T211.
P.T201 Musculoskeletal Anatomy	2	P.T218.
P.T203 Musculoskeletal Anatomy (Lab)	1	Concurrent with P.T201.
P.T205 Biomechanics	2	HSS103PHY OR PHY103. (P.T203 OR Concurrent).
<b>Total Hours</b>	<b>18</b>	

### Second Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
HSS311PH Biostatistics	2	
O.T214 Activity Analysis	1	O.T213.
O.T216 Activity Analysis Practical	1	Concurrent with O.T214.
O.T220 Independent Living	2	O.T203.
O.T222 Independent Living Practical	1	Concurrent with O.T220.
O.T250 Musculoskeletal Diseases	2	P.T203.
P.T206 Kinesiology	2	P.T205.
P.T208 Kinesiology ( Lab)	1	Concurrent with P.T206.
P.T226 Neuroscience (1)	2	P.T218 AND MED230A.
P.T228 Neuroscience (1) (Lab)	1	Concurrent with P.T226.
University Elective Requisite	3	
<b>Total Hours</b>	<b>18</b>	



### Third Year

#### First Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
O.T321 Occupation: Theories And Models	1	O.T102.
O.T323 Occupation: Theories And Models Practical	1	Concurrent with O.T321.
O.T333 Psychiatric Disorders	1	(NUR252 OR Concurrent).
O.T335 Psychosocial Counselling And Group Therapy	2	(O.T333 OR Concurrent).
O.T337 Psychosocial Counselling And Group Therapy Practical	1	Concurrent with O.T335.
O.T345 Occupational Therapy For Children (1)	2	NUR252.
O.T347 Occupational Therapy For Children (1) Practical	1	Concurrent with O.T345.
O.T351 Occupational Therapy For Physical Dysfunction (1)	2	O.T213 AND O.T222.
O.T353 Occupational Therapy For Physical Dysfunction (1) Practical	1	Concurrent with O.T351.
O.T355 Neuroscience For Rehabilitation	2	P.T226.
University Elective Requisite	3	
<b>Total Hours</b>	<b>17</b>	

#### Second Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
O.T336 Occupational Therapy For Psychosocial Dysfunction	2	(O.T333 OR Concurrent).
O.T338 Occupational Therapy For Psychosocial Dysfunction Practical	1	Concurrent with O.T336.
O.T346 Occupational Therapy For Children (2)	2	O.T347.
O.T348 Occupational Therapy For Children (2) Practical	1	Concurrent with O.T346.
O.T352 Occupational Therapy For Physical Dysfunction (2)	2	O.T351.
O.T354 Occupational Therapy For Physical Dysfunction (2) Practical	1	Concurrent with O.T352.
O.T356 Upper Extremity Rehabilitation And Splinting	2	O.T213.
O.T358 Upper Extremity Rehabilitation And Splinting Practical	1	Concurrent with O.T356.
O.T364 Community Rehabilitation	1	O.T345 AND O.T351.
O.T366 Community Rehabilitation Practical	4	Concurrent with O.T364.
<b>Total Hours</b>	<b>17</b>	



### Forth Year

#### First Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
HSS491LM Scientific Research Methods	1	HSS311PH.
O.T471 Clinical Training In Paediatrics	4	O.T348.
O.T473 Clinical Training In Physical Dysfunction	4	O.T354.
O.T475 Clinical Training In Psychosocial Dysfunction	4	O.T337 AND O.T338.
University Elective Requisite	3	
<b>Total Hours</b>	<b>16</b>	

#### Second Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
HSS491ADS Administration And Quality Assurance In Applied Medical Sciences	3	
HSS499LM Graduation Project	3	(HSS491LM OR Concurrent).
O.T472 Clinical Training In Independent Living	4	O.T354.
O.T474 Clinical Training In Geriatrics	4	O.T354.
Specialization Elective Requisite	4	
<b>Total Hours</b>	<b>18</b>	



## Description of Courses

### **O.T102: Introduction To Occupational Therapy (1 CHs)**

#### **Prerequisite: None**

This course introduces the basic concepts of the occupational therapy profession. The course emphasizes the profession's definition, philosophical foundation, history, current areas and domains of practice, services provided, profession's ethics as well as multidisciplinary work concepts.

### **O.T201: Fundamentals Of Occupational Therapy (2 CHs)**

#### **Prerequisite: (O.T102 OR Concurrent).**

This course details the basic foundations of the occupational therapy profession, the main concepts and basic theoretical foundations. Students will gain confidence and full understanding of the occupational therapy process. Students will also explore the role of occupational therapy practitioners in providing their services to various populations. Also, course covers the basic components of documentation of occupational therapy services.

### **O.T203: Fundamentals Of Occupational Therapy Practical (1 CHs)**

#### **Prerequisite: Concurrent with O.T201.**

Course offers hands-on pre-clinical skills related to all aspects of occupational therapy therapeutic process: Interviewing, evaluation, planning, treatment, re-evaluation and documentation.

### **O.T211: Assessment In Occupational Therapy (2 CHs)**

#### **Prerequisite: (P.T203 OR Concurrent).**

This course covers comprehensive evaluation skills used in occupational therapy practice of both impairment and functional levels. This course details the evaluation of client, environmental and task variables affecting participation in all areas of occupation including evaluation of motor behavior and performance, cognitive and psychosocial functioning, with emphasis on biomechanical assessment including range of motion and manual muscle testing. Students will be able to identify, conduct, interpret and critique valid information needed to conduct client-centered and effective therapeutic plan serving various populations.

### **O.T213: Assessment In Occupational Therapy Practical (1 CHs)**

#### **Prerequisite: Concurrent with O.T211.**

This course provides students with hand-on skills to perform testing and evaluation of motor behavior and performance, cognitive and psychosocial functioning. This course also allows students to perform range of motion testing and manual muscles testing of all joints and muscles of human body.

### **O.T214: Activity Analysis (1 CHs)**

#### **Prerequisite: O.T213.**

Assessment in occupational therapy practical) This course covers all aspects of activity analysis of occupations. It provides students with opportunities to utilize clinical reasoning skills to analyze the distinct nature of occupations to be used in various intervention techniques for remediation, compensation, and facilitation of client's performance, participation, health, and well-being.

### **O.T216: Activity Analysis Practical (1 CHs)**

#### **Prerequisite: Concurrent with O.T214.**

This course allows students to practice analyzing different tasks and activates by conducting a thorough break down of their main components and steps of implementation. The course also examines various methods of task modification and adaptation to meet the needs of clients who may have physical, cognitive, or psychosocial limitations.



**O.T220: Independent Living (2 CHs)**

**Prerequisite: O.T203.**

This course covers participation problems and performance deficits that impact the patient's level of independence in all areas of occupation, both individual and environment related. The course stresses out the occupational therapy role and clinical skills to promote participation and independence in all areas of occupation, including activities of daily living, instrumental activities of daily living, work and leisure that are individualized and meaningful to each patient.

**O.T222: Independent Living Practical (1 CHs)**

**Prerequisite: Concurrent with O.T220.**

This course covers practical skills that increase the independent participation in all areas of occupation that are meaningful to each patient. It details therapeutic rehabilitation and assistive tools and devices, assistive technology strategies that promote a high level of independence in mobility, transfers, dressing, feeding and other areas of occupation.

**O.T250: Musculoskeletal Diseases (2 CHs)**

**Prerequisite: P.T203.**

This course details most common musculoskeletal diseases and conditions such as: fractures, knee and hip joints replacement, congenital hip dislocation, fibromyalgia, arthritis and osteoporosis, and back pain. It emphasizes evaluation skills and treatment techniques for the conditions discussed.

**O.T321: Occupation: Theories And Models (1 CHs)**

**Prerequisite: O.T102.**

This course reviews occupational therapy theories, practice models, and frameworks and their relation to the profession's core; occupation. Students will understand the meaning of occupation in practice and what constitutes occupation-based practice. Also, students will learn how to analyze and breakdown the activities used in treatment to maximize the benefit of occupational therapy interventions. This will help students in relating theory, frameworks, and evidence to practice in various occupational therapy settings.

**O.T323: Occupation: Theories And Models Practical (1 CHs)**

**Prerequisite: Concurrent with O.T321.**

This course enable student to practice the most common occupation-based practice models in occupational therapy with Practical demonstrations of these models on clinical scenarios. Students will also practice breaking down and analyzing activities and structuring a meaningful client-centered therapeutic plan with short and long term goals.

**O.T333: Psychiatric Disorders (1 CHs)**

**Prerequisite: (NUR252 OR Concurrent).**

This course lists the most common mental health and psychosocial conditions affecting the functional and social performance of clients of various populations. This course emphasizes the differential diagnosis of these conditions, basic medical management and potential OT roles and practices.

**O.T335: Psychosocial Counselling And Group Therapy (2 CHs)**

**Prerequisite: (O.T333 OR Concurrent).**

This course enhances the student awareness about themselves as well as others. It will also provide the students psychosocial skills which may be useful in treatment situations. The component also aims to introduce the student to the basic techniques of communication and self-helping skills for individuals and groups. The course also details the dynamics of group process, group dynamics theories, leadership styles and application of occupation based group therapy.



**O.T336: Occupational Therapy For Psychosocial Dysfunction (2 CHs)**

**Prerequisite: (O.T333 OR Concurrent).**

This course details main theoretical mental and psychosocial approaches in the field, with an emphasis on the occupational therapy evaluation and treatment applications for most mental health conditions and their psychosocial consequences for various populations.

**O.T337: Psychosocial Counselling And Group Therapy Practical (1 CHs)**

**Prerequisite: Concurrent with O.T335.**

This course provides Hands-On training for interviewing, communication and psychosocial skills and techniques with one-on-one as group sessions this course enables student to plan and implement one simulated occupation-based group therapy sessions based on a selected theoretical frame of reference. The aim of the Lab work component is to put into practice knowledge from concurrent learning, as well as to develop and reinforce the therapeutic skills of the student.

**O.T338: Occupational Therapy For Psychosocial Dysfunction Practical (1 CHs)**

**Prerequisite: Concurrent with O.T336.**

This course enables students to use and practice the main theoretical, mental and psychosocial occupational therapy and related approaches in treating various psychosocial and mental conditions through case scenarios.

**O.T345: Occupational Therapy For Children (1) (2 CHs)**

**Prerequisite: NUR252.**

This course covers the occupational therapy roles and practices when dealing with children as a practice area. It details the developmental milestones and occupational performance development, motor behavior among children and the sensory integration model. Also, it covers the occupational therapy role in dealing with children with visual perceptual deficits, cognitive deficits, hand function problems, hand writing problems, feeding and swallowing problems and play participation deficits.

**O.T346: Occupational Therapy For Children (2) (2 CHs)**

**Prerequisite: O.T347.**

This course lists the most common pediatric conditions affecting children occupational performance such as: Autism, cerebral palsy, mental retardation, developmental delays? etc. The course emphasizes the major occupational therapy roles and practices for these conditions.

**O.T347: Occupational Therapy For Children (1) Practical (1 CHs)**

**Prerequisite: Concurrent with O.T345.**

This course provides hands-on training on the evaluation of developmental milestones, sensory integration functions and visual perceptual skills, hand function, hand writing skills, play assessments using standardized and non-standardized assessments.

**O.T348: Occupational Therapy For Children (2) Practical (1 CHs)**

**Prerequisite: Concurrent with O.T346.**

This course provides practical clinical skills in the pediatric occupational therapy practice area, including assessment and treatment skills for most common pediatric conditions affecting occupational performance among children. Practical skills training may include simulated clinical scenarios, videos or role-playing or observing actual therapy sessions.



**O.T351: Occupational Therapy For Physical Dysfunction (1) (2 CHs)**

**Prerequisite: O.T213 AND O.T222.**

This course introduces most common occupational therapy theories and practices when working with adults with physical dysfunctions, including weakness, contractures, lack of voluntary movements, and spasticity. Students will understand normal and abnormal patterns of movement and how these relate to occupational therapy interventions. The course will focus on the main frame of references (theories) used with physical dysfunctions (including OT task Oriented, Biomechanical, Bobath, Brunnstrom, Proprioceptive Neuromuscular Facilitation, & Rood).

**O.T352: Occupational Therapy For Physical Dysfunction (2) (2 CHs)**

**Prerequisite: O.T351.**

This course lists the most common physical dysfunctions and diseases affecting person's occupational performance such as: stroke, spinal cord injuries, hand injuries, burns and fractures? etc. The course emphasizes the major occupational therapy roles and practices for these conditions.

**O.T353: Occupational Therapy For Physical Dysfunction (1) Practical (1 CHs)**

**Prerequisite: Concurrent with O.T351.**

This course provides hands-on training on the utilization of various occupational therapy frames of reference used in dealing with adults with physical disabilities (including OT task Oriented, Biomechanical, Bobath, Brunnstrom, Proprioceptive Neuromuscular Facilitation, & Rood).

**O.T354: Occupational Therapy For Physical Dysfunction (2) Practical (1 CHs)**

**Prerequisite: Concurrent with O.T352.**

This course provides practical clinical skills in the physical disability occupational therapy practice area, including assessment and treatment skills for most common physical dysfunctions affecting occupational performance among adults. Practical skills training may include simulated clinical scenarios, videos or role-playing or observing actual therapy sessions. This lab demonstrates evaluative and therapeutic techniques of the various frames of reference when dealing with Stroke, Traumatic brain injuries, Spinal cord Injuries, Hand injuries, Neurodegenerative diseases, Fractures, & Rheumatology.

**O.T355: Neuroscience For Rehabilitation (2 CHs)**

**Prerequisite: P.T226.**

This course lists the most common neurological conditions and diagnoses that require rehabilitation services. This course emphasizes the pathology, causes, differential diagnosis of these conditions, basic medical management and the role of rehabilitation in treating these conditions. Also, course details the major neurological examination and basic neurological rehabilitation principles used with these conditions.

**O.T356: Upper Extremity Rehabilitation And Splinting (2 CHs)**

**Prerequisite: O.T213.**

This course is dedicated to upper extremity rehabilitation as a major specialized area of practice in OT. This course details the anatomy, physiology, biomechanical foundations utilized in the treatment of most upper extremity conditions. It also covers evaluation, treatment, techniques of modalities used by occupational therapists in this area of practice. Also, this course covers indications and uses of various upper and lower extremities? orthotics and prosthesis.



**O.T358: Upper Extremity Rehabilitation And Splinting Practical (1 CHs)**

**Prerequisite: Concurrent with O.T356.**

This course provides practical skills in the assessment and treatment of most upper extremity conditions and disorders. Also, it details practical skills on soft splints? fabrication that are used in most upper extremity conditions.

**O.T364: Community Rehabilitation (1 CHs)**

**Prerequisite: O.T345 AND O.T351.**

This course introduces the community based rehabilitation (CBR) as a strategy for community development. It highlights disability and participation and integration in the community as human rights issue not only to individual patients but also to communities. Also, students will understand the development, principles, and structure of CBR both internationally and in Jordan. Course covers the different models of CBR, issues of public accessibility and the role of occupational therapy in CBR.

**O.T366: Community Rehabilitation Practical (4 CHs)**

**Prerequisite: Concurrent with O.T364.**

This course allows students to visit and observe a number of community-based rehabilitation centers in the local community. Course will provide students with practical skills on the development of community-based occupational programs promoting participation in areas of occupation and integration with the community for individuals and communities with or without deficits. Students are asked to establish a community-based program proposal focusing on one problem within their community.

**O.T471: Clinical Training In Paediatrics (4 CHs)**

**Prerequisite: O.T348.**

This training course provides the students to practice their assessment and treatment skills in dealing with children with disabilities in various occupational therapy clinics and centers in the local community. Students are expected to apply the whole therapeutic process under close supervision by therapists from these centers, as well as continuous follow-up by the training coordinator from the university. This supervision will range from observation till students are capable of independently performing the entire assessment and treatment of patients.

**O.T472: Clinical Training In Independent Living (4 CHs)**

**Prerequisite: O.T354.**

This training course provides the students to practice their assessment and treatment skills in improving the independent living and participation among in-patient clients who need occupational therapy services in various hospitals in the local community. Students are expected to apply the whole therapeutic process under close supervision by therapists from these centers, as well as continuous follow-up by the training coordinator from the university. This supervision will range from observation till students are capable of independently performing the entire assessment and treatment of patients.

**O.T473: Clinical Training In Physical Dysfunction (4 CHs)**

**Prerequisite: O.T354.**

This training course provides the students to practice their assessment and treatment skills in dealing with adults with physical disabilities in various occupational therapy clinics and centers in the local community. Students are expected to apply the whole therapeutic process under close supervision by therapists from these centers, as well as continuous follow-up by the training coordinator from the university. This supervision will range from observation till students are capable of independently performing the entire assessment and treatment of patients.



**O.T474: Clinical Training In Geriatrics (4 CHs)**

**Prerequisite: O.T354.**

This training course provides the students to practice their assessment and treatment skills in dealing with older adults with various occupational dysfunctions in various occupational therapy clinics and centers in the local community. Students are expected to apply the whole therapeutic process under close supervision by therapists from these centers, as well as continuous follow-up by the training coordinator from the university. This supervision will range from observation till students are capable of independently performing the entire assessment and treatment of patients.

**O.T475: Clinical Training In Psychosocial Dysfunction (4 CHs)**

**Prerequisite: O.T337 AND O.T338.**

This training course provides the students to practice their assessment and treatment skills in dealing with individuals with psychosocial dysfunctions in various occupational therapy clinics and centers in the local community. Students are expected to apply the whole therapeutic process under close supervision by therapists from these centers, as well as continuous follow-up by the training coordinator from the university. This supervision will range from observation till students are capable of independently performing the entire assessment and treatment of patients.

**O.T476: Advanced Clinical Training In Paediatrics (4 CHs)**

**Prerequisite: O.T471.**

During this optional specialized training, students are expected to improve their occupational therapy clinical skills and knowledge in the pediatric occupational therapy practice area. Students who choose this course have special vocational interest in the pediatric practice area in the future. Students are expected to apply the whole therapeutic process as independently as possible under close supervision by therapists from these centers, as well as continuous follow-up by the training coordinator from the university.

**O.T477: Advanced Clinical Training In Physical Dysfunction (4 CHs)**

**Prerequisite: O.T473.**

During this optional specialized training, students are expected to improve their occupational therapy clinical skills and knowledge in the physical dysfunction occupational therapy practice area. Students who choose this course have special vocational interest in the physical dysfunction practice area in the future. Students are expected to apply the whole therapeutic process as independently as possible under close supervision by therapists from these centers, as well as continuous follow-up by the training coordinator from the university.

**O.T478: Advanced Clinical Training In Psychosocial Dysfunction (4 CHs)**

**Prerequisite: O.T475.**

During this optional specialized training, students are expected to improve their occupational therapy clinical skills and knowledge in the psychosocial occupational therapy practice area. Students who choose this course have special vocational interest in the psychosocial practice area in the future. Students are expected to apply the whole therapeutic process as independently as possible under close supervision by therapists from these centers, as well as continuous follow-up by the training coordinator from the university.