

The Hong Kong Polytechnic University
Department of Rehabilitation Sciences
BSc (Hons) in Occupational Therapy
Course Introduction of OT Subjects in Offer for Semester 2 (Spring) 2019/20

Subject Code	Subject Name	Credits
Year one Semester two		
RS2040	Functional Anatomy	3
RS2050	Research Method and Statistics	3
RS2200	OT Theory & Process I	3
Year two Semester two		
RS2270	Rehabilitation Psychology	3
RS3030	Clinical Neurology & Neuroscience	3
RS3310	Clinical Sciences in Psychiatric Conditions	3
RS3410	Enabling Occupation: Musculoskeletal Rehabilitation	4
Year Three Semester Two		
RS3200	Enabling Occupation: Environmental Issues and Assistive Technology	3
RS3430	Enabling Occupation: Developmental Conditions	3
RS3460	Enabling Occupation: Medical & Neuro-Rehabilitation	3
RS3480	OT Theory & Process II	3
Year Four Semester Two		
RS42500	Clinical Education III	7
RS42600	Clinical Education IV	7

YEAR ONE SEMESTER TWO

RS2040 Functional Anatomy

Students undertake functional anatomy course already possessed the basic anatomy knowledge. Upon completion of the subject, the students will be able to demonstrate an understanding of structures of human body and apply anatomical knowledge to functional perspectives of the human body. Systems will be covered are integumentary, skeletal, muscular, joint, nervous, cardio vascular, respiratory, special senses and lymphatic. Focus includes anatomical terminology and descriptive terms, arrangement of the skeletons, gross structure and classification of bones, classification and function of joints and muscles, and nerves and blood vessels. It is then followed by the regional study of aforementioned structures. Learning activities include independent and group study. Lectures and laboratories sessions with a variety of educational media (e.g., skeletons, cadaver dissections, models, reference materials, multimedia self-learning packages) is used to enhance learning. Also, students will have a chance to teach small portions of anatomy to their peers in a small group format. The remainder of laboratory material is learned via instructor-facilitated, independent and/or small group study.

RS2050 Research Methods and Statistics

This is a 3-credit subject and designed to provide the students with a basic level of understanding of the process of critical inquiry, research methodology, statistical concepts and data analysis. A blended learning approach will be used. Online lectures are used to highlight the principles of critical inquiry, theory building, design of investigative studies, data analysis and statistical methods. Activity-based laboratory sessions provide experiential learning and seminars are used to reinforce the key concepts delivered in online lectures and enhance students' abilities in systematic inquiry, retrieval of information and critical appraisal of relevant literature. Students are also given opportunities to use computer-based search strategies for the professional and scientific literature (e.g., Internet, library resources, CD-ROM, etc.) in the laboratory session. A self-learning package will be provided to guide the students in the use of computer software (SPSS) for data analysis, and will allow the students to acquire the necessary skills in statistical analysis. Seminar presentations are conducted to enhance the students' abilities to critically appraise journals and articles through discussion and presentation. Review seminars are scheduled at different times of the semester to provide the students with feedback on their performance in the online tasks and opportunities to revisit the key concepts.

RS2200 OT Theory & Process I

The subject is designed to provide students a basic and core understanding on the philosophical beliefs, theories and practice models underpinning Occupational Therapy practice, as well as formulate a basic and core framework on Occupational Therapy process.

Lectures are to cover the philosophical base, core beliefs, concepts and process underpinning OT Practice. Tutorials with case studies would be adopted to illustrate the application of OT Models, OT process and roles & functions of OT. Through clinical visits, students would have an initial understanding of the clinical applications of different concepts, models and roles & functions of OT. Project work would allow students to appreciate more in-depth on the concepts and models underpinning OT practice.

YEAR TWO SEMESTER TWO

RS2270 Rehabilitation Psychology

This subject introduces the key psychological perspectives for understanding the processes of adjustment to trauma, disability, and illness, and the social impact on clients. It also prepares students of helping professions to examine their values of helping, develop basic communication skills needed in building a helping relationship with clients, and helping clients to manage problems in psychological adjustment. Lectures will cover the theory and principles of psychology adjustment and adaptation to disabilities and chronic illnesses, illustrated with video shows and case studies. During tutorials sessions, students will be guided to analyse based on video clips of interviews of patients, or conduct live interviews with persons with disability in class. Using written exercises and role plays, students will practice interviewing skills. Disability awareness exercise are used to help student reflect on their own attitude toward persons with disabilities and their acceptance toward them.

RS3030 Clinical Neurology & Neuroscience

Students will gain knowledge in the functions of various parts of the nervous system, and understand how structural and functional changes in certain part of the nervous system may lead to neurological deficits for patients. Students will also understand the recent development in clinical neuroscience, and how these concepts can be integrated in clinical applications. The teaching pattern include lecture, laboratory sessions. The laboratory sessions allow students to observe brain specimen or model of different neural structures. By deepen their understanding in neuroanatomy, students can appreciate the contributions of each specific neural structure for maintaining normal neurological function in human being.

RS3310 Clinical Sciences in Psychiatric Conditions

Upon completion of the subject, students will be able to understand common psychiatric conditions, to apply psychiatric conditions into clinical placement and to conduct different assessment methods (not OT specific). Lectures will cover clinical characteristics of common psychiatric conditions in different age groups; suggested assessment tools would be introduced. Tutorials will demonstrate the application of psychiatric conditions in various clinical context and non-OT specific assessment procedures for such conditions. Role-plays in the tutorial aim to facilitate client-centered perspective in understanding of psychiatric symptoms.

RS3410 Enabling Occupation: Musculoskeletal Rehabilitation

The subject aims to equip student with clinical knowledge and practical skills in rehabilitation of people with common musculoskeletal injuries. The main teaching method is in-class lectures and tutorials with which materials will be presented and explained to the students. The learning will be supplemented by clinical laboratory sessions during which clinical reasoning and management skills in occupational therapy will be demonstrated. Students will facilitate their learning on selected topics by working on the laboratory sheets, case management seminar and skills practicum. Clinical visits and teleconference sessions with outside clinical setting will further promote student's integration of clinical management principles and practical skills. Students will also be given the e-cases which could be downloaded from the e-case learning platform. The e-cases learning platform will enhance students' learning on practical handling of real cases in the field of orthopedic practices.

YEAR THREE SEMESTER TWO

RS3200 Enabling Occupation: Environmental Issues and Assistive Technology

Upon completion of the subject, students will be able to understand the relationship between environments and disabilities, conduct assessments for barrier-free and risky environments, and perform environmental inspection, and relate environmental intervention as a kind of therapeutic tool in occupational therapy. Lectures will cover the theory and principles of interactions between environment and people with disabilities, universal design and barrier-free environment, environmental modification, and assistive technology. During laboratory sessions, students will role-play clients with disabilities to explore different environments, conduct environmental inspection and draw floor plan; learn the use of wheelchairs, seating adaptations, argumentative and communicative devices, as well as environmental control units, and recent development of hardware and software in information technology for people with disabilities. Field visits include visits to housing centre, seating centre and self-help groups for people with physical disabilities. E-learning will be used in online quiz and e-assignment. Web-based learning allows student to learn the knowledge and enhance their clinical problem ability at their own time. During the project, students are expected to complete an assistive device in small groups and present it in the form of a demo showcase.

RS3430 Enabling Occupation: Developmental Conditions

The subject aims to develop students' knowledge and skills to evaluate, plan and implement occupational therapy programs to the needs of children and adults with developmental disabilities. Lectures will cover the knowledge in the clinical conditions and management. In tutorial and practical sessions, students will discuss clinical reasoning and practice the assessment and treatment skills. In group work and fieldwork visits, students will observe cases assigned and learn the occupational therapy practice, and practice the assessment and treatment skills. There is also case presentation and report to enable students to apply their theory and knowledge learnt and integrate into clinical practice. Self-reflection will be engaged especially on fieldwork and case presentation.

RS3460 Enabling Occupation: Medical & Neuro-Rehabilitation

The subject aims to facilitate students' understanding the roles and function of occupational therapy in rehabilitation of medical and neurological cases/clients commonly referred, throughout early adolescence, adulthood and old age. In addition, to apply theories and approaches for occupational therapy practice, principles of assessment, treatment planning, re-evaluation and continuity of care relevant to medical and neurological rehabilitation. Lectures will cover the theory and principles of management of medical and neurological conditions, illustrate with case studies and samples of treatment plan/regime. During tutorials sessions, students will discuss clinical reasoning, appraise evidence-based practice, and outcome measures related to the clinical conditions. In practical classes, students will

learn holistic assessment (physical, cognitive, behavioral and social) and treatment skills (ADL, IADL and functional training) and the rationale of selecting these skills. Practical sessions including guided- and self-practice will improve students' skill proficiency in assessment (selection, administration and interpretation) and treatment (prepare clients, environment and goal-direction activities). Web-based learning allows student to learn the knowledge and enhance their clinical problem ability at their own time.

RS3480 OT Theory & Process II

The subject aims to develop students with a solid understanding of advanced theoretical concepts in occupational therapy and the ability to critically analyze the linkage between theory and practice. Related concepts are grouped together and presented in a series of lectures, tutorials, and online resources. Learning of the concepts is reinforced and facilitated using online discussion, presentations, and individual and group assignments.

YEAR FOUR SEMESTER TWO

RS42500 Clinical Education III

This subject provides students with the opportunity to integrate and consolidate knowledge, skills and attitudes learned in school to occupational therapy practice in a common or a particular clinical specialty. It provides students with the opportunity to practice basic clinical management functions for independent occupational therapy practice and day-to-day operation of an occupational therapy department. The subject also prepares students to evaluate the application of occupational therapy models of practice to common clinical specialties of occupational therapy practice.

RS42600 Clinical Education IV

This subject provides students with the opportunity to integrate and consolidate knowledge, skills and attitudes learned in school to occupational therapy practice in a common or a particular clinical specialty. It provides students with the opportunity to practice basic clinical management functions for independent occupational therapy practice and day-to-day operation of an occupational therapy department. It also prepares students to evaluate the application of occupational therapy models of practice to common clinical specialties of occupational therapy practice.