

CD Course Sequence:

| Year, term  | General Requirements  | CD Specific Requirements  |
|---|---|---|
| MA1 F   | 6131 Univariate Stats: ANOVA<br>6820 (Y) Research Practicum                                     | 6900 CD Proseminar<br>6610 Social & Emotional Bases   |
| MA1 W   | 6132 Univariate Stats: Regression<br>6820 (Y) Research Practicum                                | 6905 Biological & Cognitive Bases<br>6910 Psychoeducational Assessment<br>YUPC (intake)   |
| MA1 S   | Thesis proposal   | YUPC (assist with assessment)   |
| MA2 F   |   | 6920 Clinical & Diagnostic Assessment<br>6955 Developmental Psychopathology   |
| MA2 W   |   | 6930 CD Interventions: Foundations*   |
| MA2 S   | Thesis defence  | 6965 Diversity<br>YUPC (conduct assessment)   |
| PhD1 F  | Stats/Elective  | 6910P (Y) Assessment Practicum<br>6970 (Y)* CD Interventions: Advanced Skills   |
| PhD1 W  | Stats/Elective  | 6910P (Y) Assessment Practicum<br>6970 (Y)* CD Interventions: Advanced Skills   |
| PhD1 S  | Research  |   |
| PhD2 F  | Stats/Elective  | 6930P Intervention Practicum (Y)  |
| PhD2 W  | Stats/Elective  | 6930P Intervention Practicum (Y)  |
| PhD2 S  | ABC Paper   |   |
| PhD3<br>or<br>PhD4  | 6020 or 6030 Historical & Theoretical<br>Foundations of Psychology<br>ABC Paper<br>Dissertation | 6490 Ethics<br>YUPC Supervision   |
| PhD5  | Dissertation Defence  | 6840 Internship   |
|   |   | * 6930 moving from PhD1 to MA2 in new curriculum; 6970 for 2022 will remain half-course, in new curriculum as of Fall 2023 will be full-year course |
| <b>Possible Elective Courses offered periodically (2 required)</b>  |   |   |
| Taught by CD Faculty:<br>6470 Family Therapy<br>6480 Brief Psychotherapy and Short-term Treatment<br>6520 Program Evaluation<br>6770 Developmental Neuropsychology<br>6925 Supervision & Consultation<br>6935 Children and Trauma |   |   |

6940 Adolescent Disorders: Clinical-Developmental Assessment & Treatment  
6960 Autism and Developmental Disabilities  
6980 Indigenous Communities' Mental Health

Taught by other Psychology Department Faculty:

6170 Cultural Psychology  
6245 Complex Systems Approach to Interpersonal Change  
6410 Social Psychology  
6452 Eating Disorders  
6455 Current Issues in Health Psychology  
6465 Stress and Coping  
6474 Qualitative Research Methods  
6477 Interprofessional Psychosocial Oncology  
6510 Personality  
6665 Lifespan Cognitive Development and Change

Our programme includes graduate level training in all of the following foundations of clinical practice:

#### 1. Scientific and Professional Ethics and Standards

- Required course in MA 1: PSYC 6900 Issues in CD Psychology: A Proseminar in Ethics, Practice and Research.
- Initial training in the York University Psychology Clinic includes training in consent procedures, privacy and confidentiality, record keeping, and limits of confidentiality.
- Required course in PhD years: PSYC 6490 Ethical Issues in Professional Practice (usually taken any time from PhD2 to PhD4)
- Many of our courses include a discussion of ethics and standards as part of the curriculum, such as assessment training courses (PSYC 6910 and 6920), intervention training courses (PSYC 6930 and 6970), and courses based on special populations (e.g., PSYC 6960 Autism).
- Topics in ethics are explicitly covered in the two practicum courses (PSYC 6910P Assessment Practicum and 6930P Intervention Practicum) and in all practica. These courses are taken concurrently with external practica and provide a complement to the practicum experience.
- For all research proposals, students are required to complete an Ethics submission and must complete the Tri-Council Ethics Tutorial.
- Covered in Brown Bags and Clinical Rounds with speakers internal and external to York University. For example, we have speakers from the College of Psychologists of Ontario speak to students every spring about the registration process and professional standards in the profession of psychology
- The practice of ethics is also learned via mentorship of supervisors, committee members, and other core faculty members.

## 2. Research Design and Test Construction

### i. Research Design and Methodology

- Covered in various courses, with particular emphasis in MA training, including PSYC 6610 Social and Emotional Bases of Development (which often involves creation of a research proposal which may help inform/relate to the student's MA thesis proposal); PSYC 6905 Biological and Cognitive Bases of Development (in the majority of years, a grant design project is the major assignment for the course)
- This is a primary focus in the student-supervisor relationship during the first year Research Practicum, and continues as the supervisor is the student's mentor on the MA thesis and the Doctoral dissertation. Supervisors provide a conducive environment for students to conduct their research projects involving ongoing direct supervision.
- The Academic Breadth Comprehensive (ABC) Paper requirement provides an opportunity for students to complete a research project or paper in a different lab, with a different population, or using a different methodology from their Dissertation research.
- Topics of research design and method are also addressed in PhD level statistics courses (see below).
- In addition, some optional (elective) courses include a discussion of research design (e.g., PSYC 6520 Programme Evaluation).

### ii. Statistics

- Required courses in MA 1, PSYC 6131 Univariate Statistics I: Analysis of Variance and PSYC 6132 Univariate Statistics II: Regression
- In the PhD years, students are required to choose two additional half courses from our extensive suite of specialized quantitative methods courses, including: PSYC 6135 Psychology of Data Visualization; PSYC 6136 Categorical Data Analysis; PSYC 6137 Best Practices in Quantitative Research Methods; PSYC 6138 Computational Methods for Statistical Modeling; PSYC 6139 Item Response Theory; PSYC 6140: Multivariate Analysis; PSYC 6145 Advanced Linear and Nonlinear Modelling; PSYC 6155 Statistical Consulting in Psychology; PSYC 6160: Multilevel Modelling; PSYC 6176 Structural Equation Modelling; PSYC 6180 Psychometric Methods; PSYC 6190 Longitudinal Data Analysis; 6229 Statistical Modelling of Perception and Cognition; PSYC 6256 Computational Neuroscience; PSYC 6273 Computer Programming for Experimental Psychology. In exceptional cases, students may substitute PSYC 6474: Qualitative Research Methods for one of their statistics requirements, if they can demonstrate this type of methodology is required for their ABC paper or dissertation.
- Optional workshops and mini-courses are offered through York's Institute for Social Research (ISR) in particular statistical procedures or statistical packages.

- Students who are so inclined may obtain a diploma in Quantitative Methods, which allows them to specialize in this programme in addition to their CD programme requirements.
- iii. Test Construction and Psychological Measurement
  - Required course in MA1: PSYC 6910 Psychoeducational Assessment, which includes basic reliability and validity of psychological tests
  - Required course in MA 2: PSYC 6920 Clinical and Diagnostic Assessment of Children and Adolescents
  - One of the Statistics courses mentioned above PSY6180 Psychometric Methods is popular and relevant for our students in this area
  - Optional course (although required for the Clinical Neuropsychology Stream) PSY 6945 Applied Pediatric Psychology
  - Covered in practicum courses where students are learning new assessment instruments

### 3. Practice

#### i. Psychological Assessment

- The initial Proseminar course PSYC 6900 in MA1 introduces basic assessment skills such as interviewing and explaining consent and confidentiality
- Required course in MA1 Winter: PSYC 6910 Psychoeducational Assessment
- Required course in MA 2 Fall: PSYC 6920 Clinical and Diagnostic Assessment of Children and Adolescents
- Optional course (although required for the Clinical Neuropsychology Stream) PSY 6945 Applied Pediatric Psychology
- External practicum in PhD 1 year focussed primarily on assessment, accompanied by PSYC 6910P: Assessment Practicum course taught by core faculty
- MA students gain hands-on assessment experience assisting in (MA1) and then conducting assessments (MA2) in the YUPC.
- PhD students gain additional experience conducting and/or co-supervising a junior student in the YUPC
- Some students gain more assessment experience through an optional third practicum.
- Students can also apply for programme-sanctioned hours based on clinical experience acquired through research or extra clinical experience that they have completed under the supervision of a registered psychologist

#### ii. Intervention

- A major focus of our programme is to train students in the use and evaluation of evidence-based interventions. Required courses in PhD 1 year: 6930 CD Interventions: Foundations (moving to MA2 Winter in new

curriculum) and 6970 CD Interventions: Advanced Skills in PhD 1 (changing from a half- to full-year course in PhD1 in new curriculum)

- Some specialized elective courses offered occasionally (e.g., Family Therapy)
- External practicum in PhD 2 year focussed on intervention. Accompanied by 6930P Intervention Practicum course, taught by core faculty. Students are typically exposed to several empirically supported interventions in their external practicum settings, where empirically supported interventions are frequently in use and have become standard practice. Our programme also supports training in more than one therapeutic modality.
- Some students gain more intervention experience through an optional third practicum.
- Practicum settings and internships with several rotations offer intervention experiences with various populations, age groups, and/or modalities, including group and family therapy.
- Many students gain additional intervention experience through the course of research, or as programme-sanctioned hours in the YUPC or external sites.
- The YUPC provides continuing education opportunities in different therapies for the professional community (such as Emotion Focussed Therapy). These opportunities are also available to our students for a discounted rate.

### iii. Consultation

- Students gain consultation experience in practicum settings (e.g., consulting to schools or other agencies), in conjunction with work their supervisor does in the community, or through programme-sanctioned experiences.
- There is also a formal elective course offered periodically, PSYC 6925: Supervision and Consultation.

### iv. Programme Development and Evaluation

- Students gain experience in doing programme design work and/or evaluation in practicum settings or in conjunction with work their supervisor does in the community, or through programme-sanctioned hours.
- PSYC 6520 Programme Evaluation is an elective course offered periodically. In this course, students learn different current approaches and techniques whereby mental health programmes in applied setting can be evaluated. Throughout the course, students examine the ethical and professional issues related to conducting evaluation research in a community setting. Students are guided through the process of writing a grant proposal to evaluate an intervention.

#### v. Interpersonal Relationships

- This basic competency is fostered throughout all clinical coursework, practica and the internship, during which learn about professional roles and learn skills such as empathy, reflective listening, and so on, as well as learning about professional boundaries, self-reflective practice, the need for self-monitoring and self-care, when to seek supervision and consultation, and so on.
- These issues are addressed initially in the MA1 course PSYC 6900 Proseminar: Issues in CD Psychology. Lectures and discussion on each of these topics, including diversity, self-care, and boundaries, together with and training in basic interview technique are covered in this course.
- In addition, our assessment and intervention core and practicum courses, the diversity course, programme evaluation course, and the supervision course all address issues of interpersonal relationships in the practice of psychology.
- Students on external practica 6910P and 6930P are evaluated on Interpersonal Skills among other areas of the practicum evaluation form.

#### vi. Supervision

- There is an elective course available to senior students: PSY 6925 Supervision and Consultation in which students (from both clinical programmes) learn about supervision theories and models in different programmes of practice and engage in two separate experiences of providing supervision while receiving supervision themselves on these supervisory activities.
- Students are provided opportunities to gain clinical supervision experience in practicum settings, via programme-sanctioned hours, in the YUPC, in research activities in their lab, and/or in conjunction with work their supervisor does in the community.
- Students all gain experience co-supervising assessment(s) in the YUPC. Many assessment cases have a senior (PhD 2 or higher) and a junior student (MA1 or MA2) on the team, so that the senior students have an opportunity to supervise, while being supervised themselves on interviewing, assessment, formulation, report writing, and feedback to clients.
- Senior level graduate students have the opportunity to supervise junior trainees as teaching assistants in the PSYC 6910: Psychoeducational Assessment course.
- Students routinely gain experience training and mentoring more junior students in research and applied activities connected with their supervisor's lab.