

Field Practice DSW. 804 (9 credits)

This course provides students with opportunities to use ABA in community settings (e.g., classrooms, community agencies, hospitals and residential services) while directly supporting people with challenging behaviours. Students will apply the academic knowledge and skills they have gained through previous courses on site at agencies in real-world situations. As well, there is a WebCT seminar supporting the placement process. The course will consist of **105 hours of field placement** and **30 hours of integrative seminar**.

“By the way, my placement at Leaps & Bounds was fabulous and I will really miss going there...over 100 hours of ‘hands-on’ experience...where Intensive Behavioural Intervention therapy was based on Applied Behaviour Analysis principles.”

LAST WORD FROM CHARLOTTE BROWNING ON FIELD PLACEMENT

Professional Practice DSW. 805 (3 credits)

In this course, students complete a project which enhances their development as a professional in the behaviour technology field. Examples of projects include writing a journal article, reviewing books or websites, preparing a poster for a conference, presenting a session at a conference, teaching a workshop to colleagues in the field, etc. This course is conducted primarily through WebCT, enhanced by 4 meetings with the instructor throughout the semester, **totaling 50 hours**.

Dependent upon needs and interests, supplemental courses may also be made available to students upon graduation.

When Will Courses Run?

FALL	DSW.800; DSW.801
WINTER	DSW.802; DSW.803
SPRING	DSW.800; DSW.801; DSW.802
SUMMER	DSW.803; DSW.804; DSW.805

This schedule enables students to **complete the certificate while they work** and to **become behaviour technicians within one academic year**, beginning in either the fall or spring semester.

How are Courses Sequenced?

DSW.800, 801, 802, and 803 must be completed before students begin DSW.804 and/or 805.

DSW.800 may be done concurrently with DSW.801, 802, and/or 803, provided this is deemed appropriate during the background interview.

DSW.804 and 805 may be done concurrently.

What are the Entry Requirements?

Applicants to this Program must meet specific educational and experiential requirements.

Educational Requirements:

- a Developmental Services Worker Diploma, or
- a Diploma in a related human services area such as Social Services Worker, Child & Youth Worker, Nursing, Gerontology, etc., or
- a degree in a related area such as Psychology, Social Work, Education, etc.

Experiential Requirements:

- working or volunteering with individuals with a developmental disability or
- being a family member of an individual with a developmental disability

What are the Fees?

Costs per course depend on the number of credits. At the time of printing, a 4-credit course costs approximately \$360. **Check with your employer regarding the possibility of payroll deduction of course fees.** This programming will afford tremendous benefit to you and your agency in terms of best meeting client needs!

Where are the Classes Held?

All classes are held at the Lakeshore Campus of Humber. Please visit www.humber.ca/maps for details on campus location.

How Do I Apply?

Information and applications are available from:

- the Co-ordinator of the Developmental Services Worker Program, JoAnne.Nugent@humber.ca or at 416.675.6622 ext. 3257;
- Cheryl.Evans@humber.ca or at 416.675.6622 ext. 3484;
- Humber’s Continuing Education Calendar;
- the Registrar’s Office at Humber, either in person or by telephone at 416.675.5005;
- the Humber website at www.cecalendar.humber.ca

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3199 Lake Shore Blvd. W.
Toronto, ON
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HUMBER
School of Social &
Community Services

BEHAVIOUR SCIENCE: An Application of TECHNOLOGY

APPLIED BEHAVIOURAL ANALYSIS (ABA)
“...the science in which procedures derived from the principles of behaviour are systematically applied to improve socially significant behaviour to a meaningful degree to demonstrate experimentally that the procedures employed were responsible for the improvement in behaviour.”
(Cooper, Heron & Heward, 1987)

MAKING A DIFFERENCE

BEHAVIOUR SCIENCE: An Application of TECHNOLOGY

What is the Behaviour Science Program?

“The Program stresses the importance of an inclusive approach, to fully understanding the function of behaviour and to building positive support strategies.”

JEWEL MARCHANT, BSCI STUDENT

This innovative, ABA-focussed Program is offered through Continuing Education.

Graduates of this unique Program will be either behaviour technicians, technologists, consultants or therapists, depending upon previous academic background. All of these professionals will acquire enhanced skills to support those who display challenging behaviours including individuals with:

- Developmental handicaps;
- Intellectual disabilities;
- Dual diagnosis;
- Autism Spectrum Disorder (ASD);
- Complex needs.



“It is a fine thing to have ability, but the ability to discover ability in others is the true test.”

ELBERT HUBBARD

Why Should I Consider Taking this Graduate Certificate Program?

FACT:

“...there is a trend toward ABA since behaviour assessments are now required by legislation under certain circumstances.”

If you are looking for leading-edge knowledge and skills that will enable you to realize your full potential when working with a broad client base, such as those with ASD, in a wide range of settings including educational and health care environments, this is the Program for you! These newly acquired skills will make you much more competitive with regard to the highly sought-after positions in the developmental services sector.

Due to its ABA focus, this Program prepares you to work with a much broader client base than IBI-focussed Programs which exclusively serve children with autism. Graduates will be well prepared to work with clients with higher needs. This will bring even greater personal satisfaction to their work.

ABA has proven to be an extremely successful approach to supporting people who have challenging behaviours. “Studies of ABA in comparison with other treatments have shown that clients with intensive ABA treatment performed better on post-treatment testing, while clients who received non-intensive intervention showed a regression in skills at post-test. [For example], children with ASD exhibit unique learning styles that match the instructional methods found within ABA.” TRACIE LINDBLAD, M.SC., M.ED.

ABA principles applied within an educational or agency setting can lead to:

- Accurate assessment of skill levels in all areas of functioning;
- Individualized curriculum for systematic skill development in all areas;
- Detailed assessment and remediation of challenging behaviours (including self-stimulatory behaviour, self-injurious behaviour and aggressive behaviours);
- Generalization of skills and independent learning.



Focusing on positive-based best practices and interventions and ethics, students will have the opportunity to:

- Help individuals with severe behaviours to integrate more effectively into society by making programming decisions based on scientific research;
- Support individuals moving from institutions to the community during the current deinstitutionalization process;
- Upgrade their skills for their current jobs;
- Increase their potential for promotion to supervisory positions;
- Increase their salary potential.

What Courses Can I Expect to Take in this Program?

Through its Advisory Committee, the Behaviour Science Program receives feedback from agencies regarding the skills that behaviour technicians, technologists, consultants, and therapists currently require in the field. As a result, the Program's current, relevant curriculum teaches skills with respect to behaviour program development and evaluation, such as completing functional assessments, observing behaviours, recording data, reporting, implementing behaviour techniques and strategies, and participating as a team member.

THE PROGRAM IS COMPRISED OF 6 MANDATORY COURSES.

Introduction to Behaviour Technology DSW. 800 (4 credits)

This course introduces Applied Behavioural Analysis (ABA). It reviews learning theory, the basic principles of ABA, and how it is utilized. There is also a significant focus on ethics, including current standards of practice in Ontario; the roles of various professionals in the ABA process; and protecting the rights of individuals with challenging behaviours.

Behaviour Technology 1 DSW. 801 (4 credits)

This course discusses the history of behavioural programming and the development of current behavioural methodologies. The full range of these methodologies is addressed. These methodologies are compared with respect to process, effectiveness, appropriate client group for each methodology, and ethics. Various behavioural techniques such as teaching skills, reinforcement, and punishment are defined and evaluated.

Behaviour Technology 2 DSW. 802 (4 credits)

This course focuses on positive behavioural approaches. It defines the concept of positive approaches and the ethics supporting their utilization. As well, there is a comprehensive review of the research which supports the effectiveness of positive approaches. The course also addresses the reasons why negative behavioural strategies are often used. Students learn the most effective ways to teach skills and to utilize reinforcement strategies.



Functional Behaviour Assessment and Program Evaluation DSW. 803 (4 credits)

This course teaches the functional behavioural approach. Students learn what a functional assessment is and how to conduct such an assessment. Students also learn how to use the results of a functional assessment to design and implement behavioural strategies. This includes environment modification, skills development, communication enhancement strategies and modifying consequences. The course teaches the specific skills of observation, data collection, program development, program implementation, and program evaluation. The focus is on the role of the behaviour professional as a valuable member of the behaviour intervention team.



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