UNIVERSITY OF TORONTO SCARBOROUGH

OFFICE OF THE CAMPUS COUNCIL

FOR APPROVAL **PUBLIC** **OPEN SESSION**

TO: UTSC Academic Affairs Committee

SPONSOR: William Gough, Vice-Principal Academic and Dean
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PRESENTER: Mark Schmuckler, Vice-Dean Undergraduate
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DATE: March 22, 2018 for March 29, 2018

AGENDA ITEM: 5

ITEM IDENTIFICATION:

Undergraduate Minor Curricular Modifications—Sciences

JURISDICTIONAL INFORMATION:

University of Toronto Scarborough Academic Affairs Committee (AAC) "is concerned with matters affecting the teaching, learning and research functions of the Campus" (*AAC Terms of Reference, Section 4*). Under section 5.6 of its terms of reference, the Committee is responsible for approval of "Major and minor modifications to existing degree programs." The AAC has responsibility for the approval of Major and Minor modifications to existing programs as defined by the University of Toronto Quality Assurance Process (*UTQAP, Section 3.1*).

GOVERNANCE PATH:

1. **UTSC Academic Affairs Committee [For Approval] (March 29, 2018)**

PREVIOUS ACTION TAKEN:

No previous action in governance has been taken on this item.

HIGHLIGHTS:

This package includes minor modifications to undergraduate curriculum, submitted by the Sciences academic units identified below, which require governance approval. Minor

modifications to curriculum are understood as those that do not have a significant impact on program or course learning outcomes. They require governance approval when they modestly change the nature of a program or course.

- The Department of Computer and Mathematical Sciences (Report: Computer and Mathematical Sciences)
    - 5 minor program modifications
        - Major (Co-operative) program in Computer Science
        - Major program in Computer Science
        - Minor program in Computer Science
        - Specialist (Co-operative) program in Computer Science
        - Specialist program in Computer Science
    - 1 new course
        - MATD26H3

- The Department of Physical and Environmental Sciences (Report: Physical & Environmental Sciences)
    - 1 minor program modification
        - Specialist program in Physics and Astrophysics

- The Department of Psychology (Report: Psychology)
    - 6 minor program modifications
        - Major program in Mental Health Studies
        - Major program in Psychology
        - Specialist (Co-operative) program in Mental Health Studies
        - Specialist (Co-operative) program in Psychology
        - Specialist program in Mental Health Studies
        - Specialist program in Psychology
    - 2 new courses
        - PSYC16H3
        - PSYD39H3

FINANCIAL IMPLICATIONS:

There are no net financial implications to the campus operating budget.

RECOMMENDATION:

Be It Resolved,

THAT the minor modifications to undergraduate programs, submitted by UTSC undergraduate Sciences academic units, as described in Undergraduate Minor Curriculum Modifications for Approval, Report: Computer and Mathematical Sciences, dated March 8, 2018, and Undergraduate Minor Curriculum

Modifications for Approval, Report: Physical & Environmental Sciences, dated March 9, 2018, and Undergraduate Minor Curriculum Modifications for Approval, Report: Psychology, dated March 8, 2018, and recommended by the Vice-Principal, Academic and Dean, Professor William Gough, be approved for the academic year 2018-19.

DOCUMENTATION PROVIDED:

1. 2018-19 Curriculum Cycle: Undergraduate Minor Curriculum Modifications for Approval Report: Computer and Mathematical Sciences, dated March 8, 2018.
2. 2018-19 Curriculum Cycle: Undergraduate Minor Curriculum Modifications for Approval Report: Physical & Environmental Sciences, dated March 9, 2018.
3. 2018-19 Curriculum Cycle: Undergraduate Minor Curriculum Modifications for Approval Report: Psychology, dated March 8, 2018.

UNIVERSITY OF TORONTO SCARBOROUGH

2018-19 Curriculum Cycle
Undergraduate Minor Curriculum Modifications for Approval
Report: Computer and Mathematical Sciences

March 8, 2018

Computer & Mathematical Sciences (UTSC), Department of

5 Minor Program Modifications:

MAJOR (CO-OPERATIVE) PROGRAM IN COMPUTER SCIENCE (SCIENCE)

Track Changes:

Enrolment Requirements

Enrolment in the Program is limited.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must have passed all of the A-level CSC and MAT courses required in the program. Students with a CGPA ~~cumulative~~ ~~GPA~~ of at least 3.0 ~~2.75~~ ~~or~~ ~~greater~~ across the core A-level courses(CSCA08H3, CSCA48H3, CSCA67H3, MATA22H3, MATA31H3, and MATA37H3), as well as a CGPA ~~cumulative~~ ~~GPA~~ of at least 2.50 across all attempted courses, are guaranteed admission.

Students who are not admitted as above, may apply after completing at least 7.5 credits, including the core A-level courses listed above as well as ~~CSCA08H3,~~ ~~CSCA48H3,~~ ~~CSCA67H3,~~ ~~MATA22H3,~~ ~~MATA31H3,~~ ~~MATA37H3,~~ CSCB07H3, CSCB09H3, CSCB36H3, CSCB63H3 and ~~[~~one of MATB24H3 or STAB52H3~~]~~. Students with a CGPA ~~cumulative~~ ~~GPA~~ of at least 3.0 ~~2.75~~ ~~or~~ ~~greater~~ across the B-level ~~these~~ ~~required~~ courses in the above list (CSCB07H3 *, CSCB09H3 *, CSCB36H3 *, CSCB63H3 *, and the best of MATB24H3 or STAB52H3), as well as a CGPA of ~~cumulative~~ ~~GPA~~ ~~or~~ at least 2.5 across all attempted courses, are guaranteed admission.

* These courses have a CS subject POSt or minimum CGPA prerequisite.

Prospective Co-op Students:
Prospective students (i.e., those not yet admitted to a Co-op Degree POSt) must meet the enrolment requirements noted above and have a CGPA ~~cumulative~~ ~~GPA~~ of at least 2.75 across all attempted courses.

In addition to requesting the program on ACORN, prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must also submit a Co-op Supplementary Application Form, which is available from the Arts & Science Co-op Office (http://www.utsc.utoronto.ca/askcoop/future-co-op-students). Submission deadlines follow the Limited Enrolment Program Application Deadlines set by the Registrar's Office each year.

Failure to submit both the Supplementary Application Form and the program request on ACORN will result in that student's application not being considered.

Track Changes:

Program Requirements

The course requirements of the Co-operative Major Program in Computer Science are identical to those of the Major Program in Computer Science.

To remain in the program, students must maintain a CGPA of 2.5 or higher throughout the program. To complete the program, students must meet the work term and course requirements described below.

Co-op Work Term Requirements

Students must satisfactorily complete three Co-op work terms, each of four-months duration, one of which can be during the summer. To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in Computer Science and have completed at least 7.0 credits, including all first year required courses (CSCA08H3, CSCA48H3, CSCA67H3, MATA22H3, MATA31H3, MATA37H3).

In addition to their academic program requirements, Co-op students complete up to five Co-op specific courses. These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They cover a variety of topics intended to assist students in developing the skills and tools required to secure work terms that are appropriate to their program of study, and to perform professionally in the workplace. These courses must be completed in sequence, and are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

Co-op Preparation Course Requirements:

1. COPD01H3 – Navigating the World of Work
- Students entering Co-op from outside of UTSC (high school or other postsecondary) will complete this course in fall of their first year at UTSC
- Current UTSC students entering Co-op in April/May will complete this course in the summer term
- Current UTSC students entering Co-op in July/August will complete this course in the fall term

2. COPD03H3 – Job Search Preparation
- Prerequisite: COPD01H3
- This course will be completed eight months in advance of the first scheduled work term

3. COPD11H3 – Job Search Competition I
- Prerequisite: COPD03H3
- This course will be completed four months in advance of the first work scheduled work term

4. COPD12H3 – Job Search Competition II
- Prerequisite: COPD11H3 and one Co-op work term
- This course will be completed four months in advance of the second scheduled work term

5. COPD13H3 – Job Search Competition III
- Prerequisite: COPD12H3 and two Co-op work terms
- This course will be completed four months in advance of the third scheduled work term

Students must be available for work terms in each of the Fall, Winter and Summer sessions and must complete at least one of their required work terms in either a Fall or Winter session. This in turn requires that students take courses during at least one Summer session.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see Section 6B.5 of the UTSC *Calendar*.

Description of Proposed Changes:

1. The guaranteed minimum CGPA enrolment requirement has increased from 2.75 to 3.0.
2. The "Second chance" criteria have been revised.
3. The following sentence has been added to the Completion requirements: "To remain in the program, students must maintain a CGPA of 2.5 or higher throughout the program. To complete the program, students must meet the work term and course requirements described below."

Rationale:
1. The minimum CGPA needed to guarantee enrolment in program is being increased because the number of students applying for admission to the program vastly outstrips the Department's capacity in terms of instructors, TAs, lab space, and even classroom space. Students with GPA below the guaranteed minimum may be admitted if capacity in the program permits.
2. The “second chance” criteria were inappropriate, because they referred to average GPA over A- and B-level courses. Now we only look at GPA over B-level courses.
3. The CGPA sentence has been added to the completion requirements to clarify that students must maintain a minimum CGPA of 2.5 to remain in a Co-op program.

Impact:
Students may have to meet a higher bar than before for admission to the program at the end of their first year (and a lower one for admission at the end of their second year).

Consultation:
Extensive discussions in 3 weekly faculty meetings. Vote by whole department by email, deadline Friday, Sept. 29, 2017.

Resource Implications:
No new resources are needed. The change is required to ensure we can provide high-quality education to the students in CS programs.

MAJOR PROGRAM IN COMPUTER SCIENCE (SCIENCE)

Track Changes:

Enrolment Requirements

Enrolment in the Major in Computer Science is limited.

Students may apply to enter the program after completing 4.0 credits, and must have passed all of the A-level CSC and MAT courses required in ~~for~~ the program ~~Major~~. Students with a CGPA of at least 3.0 ~~2.75~~ ~~or~~ ~~greater~~ across the core A-level courses(CSCA08H3, CSCA48H3, CSCA67H3, MATA22H3, MATA31H3, and MATA37H3)are guaranteed admission.

Students who are not admitted as above, may apply after completing at least 7.5 credits, including the core A-level courses listed above as well as ~~CSCA08H3,~~ ~~CSCA48H3,~~ ~~CSCA67H3,~~ ~~MATA22H3,~~ ~~MATA31H3,~~ ~~MATA37H3,~~ CSCB07H3, CSCB09H3, CSCB36H3, CSCB63H3, and ~~[~~one of MATB24H3 or STAB52H3~~]~~. Students with a ~~The~~ CGPA of at least 3.0 ~~will~~ ~~be~~ ~~calculated~~ across the B-level ~~these~~ ~~11~~ courses in the above list (CSCB07H3 *, CSCB09H3 *, CSCB36H3 *, CSCB63H3 *, and the best ~~a~~ ~~CGPA~~ of MATB24H3 ~~2.75~~ or STAB52H3) are guaranteed ~~greater~~ ~~guarantees~~ admission ~~to~~ ~~the~~ ~~Major~~.

* These courses have ~~Admission~~ ~~for~~ ~~students~~ ~~with~~ a CS subject POSt or minimum ~~CGPA~~ ~~that~~ ~~is~~ ~~less~~ ~~than~~ ~~2.75~~ ~~will~~ ~~depend~~ ~~on~~ ~~their~~ CGPA prerequisite~~,~~ ~~and~~ ~~the~~ ~~space~~ ~~available~~ ~~in~~ ~~the~~ ~~program~~.

Description of Proposed Changes:
1. The guaranteed minimum CGPA enrolment requirement has increased from 2.75 to 3.0.
2. The "Second chance" criteria have been revised.

Rationale:

1. The minimum CGPA needed to guarantee enrolment in program is being increased because the number of students applying for admission to the program vastly outstrips the Department's capacity in terms of instructors, TAs, lab space, and even classroom space. Students with GPA below the guaranteed minimum may be admitted if capacity in the program permits.
2. The “second chance” criteria were inappropriate, because they referred to average GPA over A- and B-level courses. Now we only look at GPA over B-level courses.

Impact:
Students may have to meet a higher bar than before for admission to the program at the end of their first year (and a lower one for admission at the end of their second year).

Consultation:
Extensive discussions in 3 weekly faculty meetings. Vote by whole department by email, deadline Friday, Sept. 29, 2017.

Resource Implications:
No new resources are needed. The change is required to ensure we can provide high-quality education to the students in CS programs.

MINOR PROGRAM IN COMPUTER SCIENCE (SCIENCE)

Track Changes:

Enrolment Requirements

Enrolment in the Minor in Computer Science is limited.

Students may apply to enter the program after completing 4.0 credits, and must have passed all of the A-level CSC and MAT courses required for the Minor. Students with a CGPA of at least 3.0 ~~2.75~~ across CSCA48H3 and their chosen MAT course(one of: MATA22H3, MATA23H3, MATA30H3, MATA31H3, MATA32H3, or CSCA67H3/MATA67H3)~~are guaranteed admission. Admission for students with a CGPA that is less than 2.75 will depend on their CGPA~~, and at least a B ~~the space available~~ in CSCA48H3 are guaranteed admission ~~the program~~. Students in the Minor may take a maximum of 3 CSC elective courses (1.5 credits) at the C-level and D-level.

Description of Proposed Changes:
The guaranteed minimum CGPA in the enrolment requirements has been increased from from 2.75 to 3.0.

Rationale:
The minimum CGPA needed to guarantee enrolment in the program is being increased because the number of students applying for admission to the programs vastly outstrips the Department's capacity in terms of instructors, TAs, lab space, and even classroom space. Students with GPA below the guaranteed minimum, may be admitted if capacity in our programs permits.

Impact:
Students may have to meet a higher bar than before for admission to the program at the end of their first year.

Consultation:
Extensive discussions in 3 weekly faculty meetings. Vote by whole department by email, deadline Friday, Sept. 29, 2017.

Resource Implications:
No new resources are needed. The change is required to ensure we can provide high-quality education to the students in CS programs.

SPECIALIST (CO-OPERATIVE) PROGRAM IN COMPUTER SCIENCE (SCIENCE)

Track Changes:

Enrolment Requirements

Enrolment in the program is limited.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must have passed all of the A-level CSC and MAT courses required in the program. Students with a CGPA ~~cumulative GPA~~ of at least 3.0 ~~2.75 or greater~~ across the core A-level courses(CSCA08H3, CSCA48H3, CSCA67H3, MATA22H3, MATA31H3, and MATA37H3), as well as a CGPA ~~cumulative GPA~~ of at least 2.50 across all attempted courses, are guaranteed admission.

Admission to the Entrepreneurship Stream also requires the submission of a Supplementary Application Form available from the CMS website.

Students who are not admitted as above, may apply after completing at least 7.5 credits, including the core A-level courses listed above as well as ~~CSCA08H3, CSCA48H3, CSCA67H3, MATA22H3, MATA31H3, MATA37H3,~~ CSCB07H3, CSCB09H3, CSCB36H3, CSCB63H3 and ~~[~~one of MATB24H3 or STAB52H3~~]~~. Students with a CGPA ~~cumulative GPA~~ of at least 3.0 ~~2.75 or greater~~ across the B-level ~~these required~~ courses in the above list (CSCB07H3 *, CSCB09H3 *, CSCB36H3 *, CSCB63H3 *, and the best of MATB24H3 or STAB52H3), as well as a CGPA of ~~cumulative GPA or~~ at least 2.5 across all attempted courses, are guaranteed admission.

* These courses have a CS subject POSt or minimum CGPA prerequisite.

Prospective Co-op Students: Prospective students (i.e., those not yet admitted to a Co-op Degree POSt) must meet the enrolment requirements noted above and have a CGPA ~~cumulative GPA~~ of at least 2.75 across all attempted courses.

In addition to requesting the program on ACORN, prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must also submit a Co-op Supplementary Application Form, which is available from the Arts & Science Co-op Office (http://www.utsc.utoronto.ca/askcoop/future-co-op-students). Submission deadlines follow the Limited Enrolment Program Application Deadlines set by the Registrar's Office each year. Failure to submit both the Supplementary Application Form and the program request on ACORN will result in that student's application not being considered.

Track Changes:

Program Requirements

Students must complete the program requirements as described in the Specialist Program in Computer Science.

To remain in the program, students must maintain a CGPA ~~cumulative GPA~~ of 2.5 or higher throughout the program. To complete the program, students must meet the work term and course requirements described below.

Co-op Work Term Requirements

Students must satisfactorily complete three Co-op work terms, each of four-months duration, one of which can be during the summer. To be eligible for their first work term, students must be enrolled in the Specialist (Co-operative) Program in Computer Science and have completed at least 7.0 credits, including all first year required courses (CSCA08H3, CSCA48H3, CSCA67H3, MATA22H3, MATA31H3, MATA37H3).

In addition to their academic program requirements, Co-op students complete up to five Co-op specific courses. These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They cover a variety of topics intended to assist students in developing the skills and tools required to secure work terms that are appropriate to their program of study, and to perform professionally in the workplace. These courses must be completed in sequence, and are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

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Rationale:
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2. The “second chance” criteria were inappropriate, because they referred to average GPA over A- and B-level courses. Now we only look at GPA over B-level courses.

Impact:
Students may have to meet a higher bar than before for admission to the program at the end of their first year (and a lower one for admission at the end of their second year).

Consultation:
Extensive discussions in 3 weekly faculty meetings. Vote by whole department by email, deadline Friday, Sept. 29, 2017.

Resource Implications:
No new resources are needed. The change is required to ensure we can provide high-quality education to the students in CS programs.

SPECIALIST PROGRAM IN COMPUTER SCIENCE (SCIENCE)

Track Changes:

Enrolment Requirements

Enrolment in the Specialist in Computer Science(all streams)is limited. Students may apply to enter the program after completing 4.0 credits, and must have passed all of the A-level CSC and MAT courses required in the program. Students with a CGPA of at least 3.0 ~~2.75~~ ~~or~~ ~~greater~~ across the core A-level courses (CSCA08H3, CSCA48H3, CSCA67H3, MATA22H3, MATA31H3, and MATA37H3) are guaranteed admission.

Admission to the Entrepreneurship stream also requires the submission of a Supplementary Application Form (SAF) available from the CMS website .

Students who are not admitted as above, may apply after completing at least 7.5 credits, including the core A-level courses listed above as well as ~~CSCA08H3,~~ ~~CSCA48H3,~~ ~~CSCA67H3,~~ ~~MATA22H3,~~ ~~MATA31H3,~~ ~~MATA37H3,~~ CSCB07H3, CSCB09H3, CSCB36H3, CSCB63H3, and ~~[~~one of MATB24H3 or STAB52H3~~]~~. Students with a ~~The~~ CGPA of at least 3.0 ~~will~~ ~~be~~ ~~calculated~~ across the B-level ~~these~~ ~~11~~ courses in the above list (CSCB07H3 *, CSCB09H3 *, CSCB36H3 *, CSCB63H3 *, and the best ~~a~~ ~~CGPA~~ of MATB24H3 ~~2.75~~ or STAB52H3) are guaranteed ~~greater~~ ~~guarantees~~ admission ~~to~~ ~~the~~ ~~Specialist~~.

* These courses have ~~Admission~~ ~~for~~ ~~students~~ ~~with~~ a CS subject POSt or minimum ~~CGPA~~ ~~that~~ ~~is~~ ~~less~~ ~~than~~ ~~2.75~~ ~~will~~ ~~depend~~ ~~on~~ ~~their~~ CGPA prerequisite~~,~~ ~~and~~ ~~the~~ ~~space~~ ~~available~~ ~~in~~ ~~the~~ ~~program~~.

To remain in the program, a student must maintain a CGPA of 2.0 or higher throughout the program.

Completion Requirements:

Track Changes:

Program Requirements
The program requirements comprise a core of 18 courses (9.0 credits), common to all streams and additional requirements which depend on the stream, for a total of 27 courses (13.5 credits) for the Comprehensive, Software Engineering, and Entrepreneurship streams, 29 courses (14.5 credits) for the Information Systems stream, and 30 courses (15.0 credits) for the Health Informatics stream.

Note: Many Computer Science courses are offered both at U of T Scarborough and at the St. George campus. When a course is offered at both campuses in a given session, U of T Scarborough students are expected to take that course at U of T Scarborough. The Department of Computer Science at the St. George campus cannot guarantee space for U of T Scarborough students in their courses, especially those offered at both campuses.

Core (9.0 credits)

1. Writing Requirement (0.5 credit) (*)
One of : ANTA01H3, ANTA02H3, (CLAA02H3), (CTLA19H3), CTLA01H3, ENGA10H3, ENGA11H3, ENGB06H3, ENGB07H3, ENGB08H3, ENGB09H3, ENGB17H3, ENGB19H3, ENGB50H3, (ENGB51H3), GGRA02H3, GGRA03H3, GGRB05H3, (GGRB06H3), (HISA01H3), (HLTA01H3), ACMA01H3, (HUMA01H3), (HUMA11H3), (HUMA17H3), (LGGA99H3), LINA01H3, PHLA10H3, PHLA11H3, WSTA01H3. (*) It is recommended that this requirement be satisfied by the end of the second year.

2. A-level courses (3.0 credits)
CSCA08H3 Introduction to Computer Science I

CSCA48H3 Introduction to Computer Science II
CSCA67H3 Discrete Mathematics
MATA22H3 Linear Algebra I for Mathematical Sciences
MATA31H3 Calculus I for Mathematical Sciences
MATA37H3 Calculus II for Mathematical Sciences

3. B-level courses (3.5 credits)
CSCB07H3 Software Design
CSCB09H3 Software Tools and Systems Programming
CSCB36H3 Introduction to the Theory of Computation
CSCB58H3 Computer Organization
CSCB63H3 Design and Analysis of Data Structures
MATB24H3 Linear Algebra II
STAB52H3 Introduction to Probability

4. C-level courses (1.5 credits)
CSCC43H3 Introduction to Databases
CSCC69H3 Operating Systems
CSCC73H3 Algorithm Design and Analysis

5. D-level courses (0.5 credit)
CSCD03H3 Social Impact of Information Technology

A. Comprehensive Stream
This stream requires a total of 27 courses (13.5 credits). In addition to the core requirements 1-5 common to all streams, 9 other distinct courses (4.5 credits) must be chosen satisfying all of the following requirements:

6. Additional required courses (2.5 credits)
MATB41H3 Techniques of the Calculus of Several Variables I
CSCC24H3 Principles of Programming Languages
CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics
CSCC63H3 Computability and Computational Complexity
CSCD37H3 Analysis of Numerical Algorithms for Computational Mathematics

7. Electives from courses on computer systems and applications (1.0 credit)
Choose from:
CSCC01H3 Introduction to Software Engineering
CSCC09H3 Programming on the Web
CSCC10H3 Human-Computer Interaction
CSCC11H3 Introduction to Machine Learning and Data Mining
CSCC46H3 Social and Information Networks
CSCC85H3 Introduction to Embedded Systems
CSCD01H3 Engineering Large Software Systems
CSCD18H3 Computer Graphics
CSCD27H3 Computer and Network Security
CSCD43H3 Database System Technology
CSCD58H3 Computer Networks
CSCD84H3 Artificial Intelligence
CSC320H Visual Computing
CSC321H Introduction to Neural Networks and Machine Learning
CSC401H Natural Language Computing
CSC469H Operating Systems Design and Implementation
CSC485H Computational Linguistics
CSC488H Compilers and Interpreters

8. Electives from courses related to the theory of computing (0.5 credit)
Choose from:
MATC09H3 Introduction to Mathematical Logic

~~MATC16H3 Coding Theory and Cryptography~~
MATC32H3 Graph Theory and Algorithms for its Applications
MATC44H3 Introduction to Combinatorics
MATD16H3 Coding Theory and Cryptography
CSC438H Computability and Logic
CSC448H Formal Languages and Automata
CSC465H Formal Methods in Software Design

9. CSC, MAT, or STA elective (0.5 credit)
Any C- or D-level CSC, MAT, or STA course, excluding MATC82H3, MATC90H3, and STAD29H3.

B. Software Engineering Stream
This stream requires a total of 27 courses (13.5 credits). In addition to the core requirements 1-5 common to all streams, 9 other distinct courses (4.5 credits) must be chosen satisfying all of the following requirements:

6. Additional required courses (3.0 credits)
MATB41H3 Techniques of the Calculus of Several Variables I
CSCC01H3 Introduction to Software Engineering
CSCC24H3 Principles of Programming Languages
CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics
CSCC63H3 Computability and Computational Complexity
CSCD01H3 Engineering Large Software Systems

7. Electives from courses on computer systems and applications (1.5 credits)
Choose from:
CSCC09H3 Programming on the Web
CSCC10H3 Human-Computer Interaction
CSCC11H3 Introduction to Machine Learning and Data Mining
CSCC46H3 Social and Information Networks
CSCC85H3 Introduction to Embedded Systems
CSCD18H3 Computer Graphics
CSCD27H3 Computer and Network Security
CSCD43H3 Database System Technology
CSCD58H3 Computer Networks
CSCD84H3 Artificial Intelligence
CSC320H Visual Computing
CSC321H Introduction to Neural Networks and Machine Learning
CSC401H Natural Language Computing
CSC469H Operating Systems Design and Implementation
CSC485H Computational Linguistics
CSC488H Compilers and Interpreters

C. Information Systems Stream
This stream requires a total of 29 courses (14.5 credits). In addition to the core requirements 1-5 common to all streams, 11 other distinct courses (5.5 credits) must be chosen satisfying all of the following requirements:

6. Required management courses (1.5 credits)
MGTA01H3/(MGTA03H3) Introduction to Business
MGTA02H3/(MGTA04H3) Managing the Business Organization
MGHB02H3 Managing People and Groups in Organizations

7. Additional required mathematics and computer science courses (3.0 credits)
MATB41H3 Techniques of the Calculus of Several Variables I
CSCC01H3 Introduction to Software Engineering
CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics
CSCC63H3 Computability and Computational Complexity
CSCD01H3 Engineering Large Software Systems

CSCD43H3 Database System Technology

8. Electives from courses on computer systems and applications (1.0 credit)
Choose from:
CSCC09H3 Programming on the Web
CSCC10H3 Human-Computer Interaction
CSCC11H3 Introduction to Machine Learning and Data Mining
CSCC46H3 Social and Information Networks
CSCC85H3 Introduction to Embedded Systems
CSCD18H3 Computer Graphics
CSCD27H3 Computer and Network Security
CSCD58H3 Computer Networks
CSCD84H3 Artificial Intelligence
CSC320H Visual Computing
CSC321H Introduction to Neural Networks and Machine Learning
CSC401H Natural Language Computing
CSC469H Operating Systems Design and Implementation
CSC485H Computational Linguistics
CSC488H Compilers and Interpreters

D. Health Informatics Stream
This stream requires a total of 30 courses (15.0 credits). In addition to the core requirements 1-5 common to all streams, 12 other distinct courses (6.0 credits) must be chosen satisfying all of the following requirements:

6. Additional courses related to health studies (2.0 credits)
PHLB09H3 Biomedical Ethics
(MGTA06H3) Introduction to Health Management*
One of: (courses on health policy and politics)
- HLTB16H3 Introduction to Public Health
- (HLTB17H3) Conceptual Models of Health
- HLTB40H3 Health Policy and Health Systems
- (HLTC40H3) Introduction to Health Economics
One of: (other courses on health studies)
- HLTB22H3 Biological Determinants of Health
- (HLTC05H3) Society, Health and Illness*

(*) These courses have prerequisites not included in this program's requirements.

7. Additional required computer science and statistics courses (1.5 credits)
CSCC01H3 Introduction to Software Engineering
STAB57H3 Introduction to Statistics
STAC50H3 Data Collection

8. Additional CSC, MAT and STA courses (2.5 credits)
MATB41H3 Techniques of the Calculus of Several Variables I
2.0 credits in any other C- or D-level CSC or STA courses, excluding STAD29H3** †
NOTE: Of the five courses taken to satisfy this requirement, at least one must be a D-level course, and at least three must be CSC courses.
** Some C- and D-level CSC and STA courses have prerequisites that are not included among the required courses for this stream. Review the prerequisites carefully before selecting courses for this requirement. One or more courses taken to satisfy this requirement can be prerequisites for other courses also taken to satisfy this requirement.
† Among the CSC courses that can be used to satisfy this requirement there are two categories of courses that are particularly well aligned with the goals of the Health Informatics stream: software engineering and systems, and computer science applications. Courses in the category of software engineering and systems include: CSCC09H3, CSCC85H3, CSCD01H3, CSCD43H3, and CSCD58H3. Courses in the category of computer science applications include: CSCC11H3, CSCD18H3, and CSCD84H3.

E. Entrepreneurship Stream

This stream requires a total of 27 courses (13.5 credits). In addition to the core requirements 1-5 common to all streams, 9 other distinct courses (4.5 credits) must be chosen satisfying all of the following requirements:

6. Additional required courses (3.0 credits)
CSCC01H3 Introduction to Software Engineering
CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics
CSCC63H3 Computability and Computational Complexity
CSCD01H3 Engineering Large Software Systems
CSCD54H3 Technology Innovation and Entrepreneurship
CSCD90H3 The Startup Sandbox

7. Electives from courses in computer science, mathematics, and statistics (1.5 credits)
Choose from:
MATB41H3 Techniques of the Calculus of Several Variables I
STAB57H3 Introduction to Statistics
CSCC09H3 Programming on the Web
CSCC10H3 Human-Computer Interaction
CSCC11H3 Introduction to Machine Learning and Data Mining
CSCC24H3 Principles of Programming Languages
CSCC46H3 Social and Information Networks
CSCC85H3 Introduction to Embedded Systems
CSCD18H3 Computer Graphics
CSCD27H3 Computer and Network Security
CSCD43H3 Database System Technology
CSCD58H3 Computer Networks
CSCD84H3 Artificial Intelligence
CSC320H Visual Computing
CSC321H Introduction to Neural Networks and Machine Learning
CSC401H Natural Language Computing
CSC469H Operating Systems Design and Implementation
CSC485H Computational Linguistics
CSC488H Compilers and Interpreters

Description of Proposed Changes:
1. The guaranteed minimum CGPA enrolment requirement has increased from 2.75 to 3.0.
2. The "Second chance" criteria have been revised.
3. MATC16H3 is changed to MATD16H3 in component 8 of the Comprehensive stream

Rationale:
1. The minimum CGPA needed to guarantee enrolment in program is being increased because the number of students applying for admission to the program vastly outstrips the Department's capacity in terms of instructors, TAs, lab space, and even classroom space. Students with GPA below the guaranteed minimum may be admitted if capacity in the program permits.
2. The “second chance” criteria were inappropriate, because they referred to average GPA over A- and B-level courses. Now we only look at GPA over B-level courses.
3. A proposal has been submitted to change the level of MATC16H3 to a D-level course, the change in the program reflects the change in the course.

Impact:
Students may have to meet a higher bar than before for admission to the program at the end of their first year (and a lower one for admission at the end of their second year).

Consultation:
Extensive discussions in 3 weekly faculty meetings. Vote by whole department by email, deadline Friday, Sept. 29, 2017.

Resource Implications:
No new resources are needed. The change is required to ensure we can provide high-quality education to the students in CS programs.

1 New Course:

MATD26H3: Geometric Analysis and Relativity

Contact Hours:

Description:

An intuitive and conceptual introduction to general relativity with emphasis on a rigorous treatment of relevant topics in geometric analysis. The course aims at presenting rigorous theorems giving insights into fundamental natural phenomena. Contents: Riemannian and Lorentzian geometry (parallelism, geodesics, curvature tensors, minimal surfaces), Hyperbolic differential equations (domain of dependence, global hyperbolicity). Relativity (causality, light cones, inertial observes, trapped surfaces, Penrose incompleteness theorem, black holes, gravitational waves).

Prerequisites:
MATC63H3

Corequisites:

Exclusions:
APM426H1

Recommended Preparation:

Enrolment Limits:

Note:

Breadth Requirements:
Quantitative Reasoning

Rationale:
The proposed course will present fundamental aspects of general relativity. It is designed for students with an interest in natural and physical sciences from the perspective of pure mathematics. Students will have the opportunity to see how pure mathematics can be used to make statements which are of fundamental importance for our natural and physical world.
A similar course is taught at UTSG: APM426H1

Consultation:
Discussion at a department-wide faculty meeting on September 25, 2017, and by email among the mathematics group. Proposal approved by the Departmental Curriculum Committee on September 29, 2017 (deadline for electronic vote by all CMS faculty).
Course code was approved by RO on September 26, 2017.
Professor Aretakis discussed the proposed course with colleagues in DPES (in particular Astrophysics and Physics) who expressed interest in the course as a possible option for students in Physics or Astrophysics.

Resources:
There are textbooks covering the material of MATD26H3, but the course will mainly follow online notes written by the instructor and available to the students. TA support is required and will be covered by the CMS existing budgets. The course will be taught by Stefanos Aretakis, a tenure-stream faculty member and an expert in the course's subject matter. The course is part of an effort to enrich the department's mathematics curriculum with upper-level courses, taking advantage of recent hires.

UNIVERSITY OF TORONTO SCARBOROUGH

2018-19 Curriculum Cycle
Undergraduate Minor Curriculum Modifications for Approval
Report: Physical & Environmental Sciences

March 9, 2018

Physical & Environmental Sciences (UTSC), Department of

1 Minor Program Modification:

SPECIALIST PROGRAM IN PHYSICS AND ASTROPHYSICS (SCIENCE)

Completion Requirements:

Track Changes:

Program Requirements:
The Program requires 13.5 ~~13.0~~ credits as follows:

First Year
PHYA10H3 Physics I for the Physical Sciences
PHYA21H3 Physics II for the Physical Sciences
MATA30H3 Calculus I for Physical Sciences
MATA23H3 Linear Algebra I
[MATA36H3 Calculus II for Physical Sciences
or
MATA37H3 Calculus II for Mathematical Sciences]
CSCA20H3 Introduction to Programming *
* Note: CSCA08H3 * * may be substituted for CSCA20H3

Second Year
ASTB23H3 Astrophysics of Stars, Galaxies and the Universe
PHYB10H3 Intermediate Physics Laboratory I
PHYB56H3 Introduction to Quantum Physics
PHYB21H3 Electricity and Magnetism
PHYB52H3 Thermal Physics
PHYB54H3 Mechanics: From Oscillations to Chaos
MATB41H3 Techniques of the Calculus of Several Variables I
MATB42H3 Techniques of the Calculus of Several Variables II
MATB44H3 Differential Equations I

Third Year
PHYC50H3 Electromagnetic Theory
PHYC56H3 Quantum Mechanics I
PHYC11H3 Intermediate Physics Laboratory II
PHYC54H3 Classical Mechanics

PSCB57H3 Introduction to Scientific Computing
MATC34H3 Complex Variables
MATC46H3 Differential Equations II

Fourth Year
1.5 credit from the following:
- ASTC25H3 Astrophysics of Planetary Systems
- PHYD26H3 Planetary Geophysics
- PHYD37H3 Introduction to Fluid Mechanics
- PHYD38H3 Introduction to Nonlinear Systems and Chaos
- PHY452H3 Basic Statistical Mechanics
- PHY456H3 Quantum Mechanics II
- PHY483H Relativity Theory I
- PHY484H Relativity Theory II
- PHY487H Condensed Matter Physics
- PHY489H Introduction to High Energy Physics
- PHY491H Current Interpretations of Quantum Mechanics
- PHY492H Advanced Atmospheric Physics
- PHY493H Geophysical Imaging I
- PHY494H Geophysical Imaging II
- PHY495H Experimental Global Geophysics
- PHY496H Experimental Applied Geophysics
- PSCD50H3 Advanced Topics in Quantum Mechanics

0.5 credit from the following:
- PHYD01H3 Research Project in Physics and Astrophysics
- PHYD72H3 Supervised Reading in Physics and Astrophysics

One additional 0.5 credit from a course in AST or PHY at the C-, D-, 300-, or 400-level, *or*
PSCD02H3 Current Questions in Mathematics and Science

* * Please note: To satisfy prerequisite requirements of upper level Computer Science Courses, students planning to take such courses should take CSCA08H3, rather than CSCA20H3, which is otherwise preferred for this program.

Description of Proposed Changes:
CSCA20H3 has been added as a required course to the First Year component of the program requirements - students can substitute CSCA08H3 for CSCA20H3. This change increases the total credits required for the program from 13.0 to 13.5.

Rationale:
The changes will ensure students gain minimum level of programming skills, which are necessary in modern Physical Sciences.

The change will also facilitate and complement the newly introduced and the planned intermediate and higher UG level courses on algorithms and methods of computational Physics and Astrophysics. For example, the higher level numerically-oriented courses such as PSCB57 presuppose basic programming skills. Meanwhile such introductory programming skills have not so far been taught or required. This puts the delivery of our higher-level courses in jeopardy. Of necessity they become preoccupied with basic programming, as opposed to computational science, and fall short of the goal of teaching a broad range of algorithms and computing methods. The proposed change solves this problem. It also enables the 4th year individual reading or research courses to have more substantial ties to practical numerical analysis.

The increase of the total credits from 13.0 to 13.5 is within norms for a Specialist program.

Impact:
o Students who are choosing the program as a subject POSt for the first time:

Students will gain the practical knowledge of basic programming in basic object-oriented languag(es) such as Python. The new courses have flexible timescales (multiple sections). This will help students with avoiding scheduling conflicts. Total credit requirement grows from 13.0 to 13.5.

o Continuing students;

Continuing students are not directly affected. Those who wish to take numerically oriented higher level courses or summer research projects, as well as all students planning to apply for graduate studies, will be directed to seek advice from the program supervisor on how to remedy lacking skills in programming, if any.

Consultation:

Consultation within the academic unit:

- This proposal was approved by the Departmental Curriculum Committee on September 28th, 2017.

Physics and Astrophysics Group consulted internally on the desirability of the proposed change and unanimously came to the conclusion that the minor program modification is needed.

There has been consultation with the Department of Computer and Mathematical Sciences regarding adding CSCA20H3 as a required course to the program; they raised no concerns.

As some of our students already take one of the two alternative new courses, making one introductory computer science course a requirement will not increase the applicant pool for these large multi-section courses by more than 10 students. We consider this a minor change and consequently did not consult with the Computer Science curricular committee.

Resource Implications:

There is no impact on DPES, and the impact on CS department is minor (of order 10 additional students, of which most will enroll in the large-enrollment course CSCA20, and up to a few in CSCA08).

UNIVERSITY OF TORONTO SCARBOROUGH

2018-19 Curriculum Cycle
Undergraduate Minor Curriculum Modifications for Approval
Report: Psychology

March 8, 2018

Psychology (UTSC), Department of

6 Minor Program Modifications:

MAJOR PROGRAM IN MENTAL HEALTH STUDIES (SCIENCE)

Enrolment Requirements:

Track Changes:

Enrolment Requirements

Enrolment in the Program is limited. Students may apply to the program after completing a minimum of 4.0 credits, including 1.0 credit in Psychology ~~psychology~~. Admission will require either: (1) a final grade of 64% ~~60%~~ or higher in both ~~each~~ of PSYA01H3 and PSYA02H3,~~.~~ ~~Students~~ ~~in~~ ~~either~~ ~~the~~ ~~Major~~ ~~Program~~ ~~in~~ ~~Mental~~ ~~Health~~ ~~Studies~~ or (2) ~~the~~ ~~Major~~ ~~Program~~ ~~in~~ ~~Psychology~~ ~~who~~ ~~achieve~~ a final grade of 60% ~~70%~~ or higher in both of PSYA01H3 and PSYA02H3, and a final grade ~~each~~ of 72% or higher in two B-level psychology courses ~~will~~ ~~be~~ ~~accepted~~ ~~for~~ ~~transfer~~ ~~into~~ ~~either~~ ~~the~~ ~~Specialist~~ ~~Program~~ ~~in~~ ~~Mental~~ ~~Health~~ ~~Studies~~ ~~or~~ ~~the~~ ~~Specialist~~ ~~Program~~ ~~in~~ ~~Psychology~~.

Application for admission will be made to the Registrar through ACORN, in April/May and July/August.

Completion Requirements:

Track Changes:

Program Requirements

The program requires 7.0 credits, of which at least 2.0 credits must be at the C- or D-level:

1. 1.0 credit as follows:
PSYA01H3 Introduction to Biological and Cognitive ~~Introductory~~ Psychology~~:~~ ~~Part~~ ~~I~~
PSYA02H3 Introduction to Clinical, Developmental, Personality and Social ~~Introductory~~ Psychology~~:~~ ~~Part~~ ~~II~~

2. 0.5 credit from the following:
STAB22H3 Statistics I
STAB23H3 Introduction to Statistics for the Social Sciences
PSYB07H3 Data Analysis in Psychology

3. 1.0 credit as follows:
[PSYB01H3 Psychological Research Laboratory or PSYB04H3 Foundations in Psychological Research]

PSYC37H3 Psychological Assessment

4. 1.0 credit as follows:
PSYB30H3 Introduction to Personality
PSYB32H3 Introduction to Clinical ~~Abnormal~~ Psychology

5. 1.0 credit from either the psycho-social grouping or the psycho-biological grouping listed below, as well as 0.5 credit from the other group (1.5 credits):

Psycho-Social Grouping:
PSYB45H3 Introduction to Behaviour Modification
PSYC18H3 The Psychology of Emotion
PSYC35H3 Advanced Personality Psychology
PSYC36H3 Psychotherapy
PSYC39H3 Psychology and the Law

Psycho-Biological Grouping:
~~PSYB64H3 Physiological Psychology~~
[PSYB55H3 Introduction to Cognitive Neuroscience or (PSYB65H3) Human Brain and ~~&~~ Behaviour]
PSYB64H3 Physiological Psychology
PSYC31H3 Clinical Neuropsychology
PSYC33H3 Neuropsychological Rehabilitation
PSYC62H3 Drugs and the Brain

6. 0.5 credit at the D-level

7. 1.5 additional credits in Psychology

Description of Proposed Changes:
1. The enrolment requirements have been revised: under Option 1 the GPA for the completion of PSYA01H3 and PSYA02H3 increases from 60% to 64%; under Option 2 students must complete PSYA02H3 and PSYA02H3 with a grade of 60% or higher as well as any two B-level PSY courses with a GPA of 72% or higher.
2. Course titles have been revised for PSYA01H3, PSYA02H3, PSYB30H3, PSYB32H3, and PSYB45H3
3. PSYB65H3 is retired and replaced by PSYB55H3

Rationale:
1.The change to the enrolment requirements is motivated by the volume of students in this programs exceeding the ability to effective service the courses they want or require. With a gradual increase in admissions average over time, the program expects the volume to decrease, improving the ability to effectively serve the students in this program; students will have a second option to enter the major if they are not successful with getting a grade of 64% or higher in PSYA01H3 and PSYA02H3.
2. Title changes are to reflect changes in the course titles
3. Course deletion and replacement to ensure consistency in the Calendar with course and program changes

Impact:
Students currently enrolled in one of our programs will not be affected.

Consultation:
Changes were reviewed and approved by the departmental curriculum committee on September 28, 2017.
Representatives from Psychology met with the Dean, the Registrar and the Director of Admissions on August 2, 2017. They are aware of our intentions to gradually increase our admissions averages.

Resource Implications:
no impact on resources

MAJOR PROGRAM IN PSYCHOLOGY (SCIENCE)

Enrolment Requirements:

Track Changes:

Enrolment Requirements

Enrolment in the Program is limited. Students may apply to the program after completing a minimum of 4.0 credits, including 1.0 credit in psychology. Admission will require either: (1) a final grade of 64% ~~60%~~ or higher in both ~~each of~~ PSYA01H3 and PSYA02H3,~~.~~ ~~Students in either the Major Program in Mental Health Studies~~ or (2) ~~the Major Program in Psychology who achieve~~ a final grade of 60% ~~70%~~ or higher in both PSYA01H3 and PSYA02H3, and a final grade ~~each~~ of 72% or higher in two B-level psychology courses ~~will be accepted for transfer into either the Specialist Program in Mental Health Studies or the Specialist Program in Psychology~~.

Application for admission will be made to the Registrar through ACORN, in April/May and July/August.

Completion Requirements:

Track Changes:

Program Requirements

The Program requires completion of 7.0 credits, of which at least 2.0 credits must be at the C- or D-level:

1. 1.0 credit as follows:
PSYA01H3 Introduction to Biological and Cognitive ~~Introductory~~ Psychology~~: Part I~~
PSYA02H3 Introduction to Clinical, Developmental, Personality and Social ~~Introductory~~ Psychology~~: Part II~~

2. 0.5 credit from the following:
PSYB01H3 Psychological Research Laboratory
PSYB04H3 Foundations in Psychological Research

3. 0.5 credit from the following:
STAB22H3 Statistics I (recommended)
STAB23H3 Introduction to Statistics for the Social Sciences
PSYB07H3 Data Analysis in Psychology

4. 2.5 credits at the B-level and C-level
Students are required to take 2.0 credits at the B-level or C-level from one of the two content groups listed below and 0.5 credit from the other group:
a. Social and Developmental (courses listed in the 10- and 20-series)
b. Perception, Cognition and Physiology (courses listed in the 50- and 60-series)

5. 0.5 PSY credit at the D-level
Certain D-level NRO courses may be used to fulfill this requirement with the approval of the Supervisor of Studies.

6. 2.0 additional credits in Psychology, of which 1.0 credit must be at the C-level.

Description of Proposed Changes:
1. The enrolment requirements have been revised: under Option 1 the GPA for the completion of PSYA01H3 and PSYA02H3 increases from 60% to 64%; under Option 2 students must complete PSYA02H3 and PSYA02H3 with a grade of 60% or higher and 72% or higher in any two B-level PSY courses
2. Course titles have been revised for PSYA01H3 and PSYA02H3.

Rationale:
1.The change to the enrolment requirements is motivated by the volume of students in this programs exceeding the ability to effective service the courses they want or require. With a gradual increase in admissions average over time, the program expects the volume to decrease, improving the ability to effectively serve the students in this program; students will have a second option to enter the major if they are not successful with getting a grade of 64% or higher in PSYA01H3 and PSYA02H3.
2.Title changes are to reflect changes in the course titles

Impact:
Students currently enrolled in one of our programs will not be affected.

Consultation:
Changes were reviewed and approved by the departmental curriculum committee on September 28, 2017.
Representatives from Psychology met with the Dean, the Registrar and the Director of Admissions on August 2, 2017. They are aware of our intentions to gradually increase our admissions averages.

Resource Implications:
no impact on resources

SPECIALIST (CO-OPERATIVE) PROGRAM IN MENTAL HEALTH STUDIES (SCIENCE)

Enrolment Requirements:

Track Changes:

Enrolment Requirements

The minimum qualifications for entry are 4.0 credits including PSYA01H3 and PSYA02H3 plus a cumulative GPA of at least 2.75. Grades in both of PSYA01H3 and PSYA02H3 must be 72% or higher.

Current Co-op Students:

Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above. Students who have completed 10.0 credits or more, are not eligible to apply to the program.

Students currently enrolled in the Specialist Co-op Program in Mental Health Studies who have completed 10.0 credits or more, are not eligible to transfer to the Specialist Co-op Program in Psychology or vice-versa.

Prospective Co-op Students:

In addition to requesting the program on ACORN, prospective Co-op students(i.e., those not yet admitted to a Co-op Degree POSt)must also submit a Co-op Supplementary Application Form, which is available from the Arts & Science Co-op Office (http://www.utsc.utoronto.ca/askcoop/future-co-op-students). Submission deadlines follow the Limited Enrolment Program Application Deadlines set by the Registrar's Office each year. Failure to submit both the Supplementary Application Form and the program request on ACORN will result in that student's application not being considered.

Completion Requirements:

Track Changes:

Program Requirements

The program requires 12.5 credits as follows, including at least 4.0 credits at the C-level, of which at least 1.0 credit must be at the D-level:

1. Introduction to Psychology (1.0 credit)
PSYA01H3 Introduction to Biological and Cognitive ~~Introductory~~ Psychology~~: Part I~~
PSYA02H3 Introduction to Clinical, Developmental, Personality and Social ~~Introductory~~ Psychology~~: Part II~~

2. Statistical Methods (1.0 credit)
PSYB07H3 Data Analysis in Psychology
[PSYC08H3 Advanced Data Analysis in Psychology or PSYC09H3 Applied Multiple Regression in Psychology]

3. Laboratory Methods (1.5 credits)
PSYB01H3 Psychological Research Laboratory
PSYC32H3 Clinical Neuropsychology Laboratory
PSYC37H3 Psychological Assessment

4. PSYC02H3 Scientific Communication in Psychology (0.5 credit)

5. PSYC85H3 History of Psychology (0.5 credit)

6. 1.0 credit as follows:
PSYB30H3 Introduction to Personality
PSYB32H3 Introduction to Clinical ~~Abnormal~~ Psychology

7. 2.0 credits from either the psycho-social grouping or the psycho-biological grouping listed below, as well as 1.0 credit from the other grouping (3.0 credits):
Psycho-Social Grouping
PSYB45H3 Introduction to Behaviour Modification
PSYC18H3 The Psychology of Emotion
PSYC35H3 Advanced Personality Psychology
PSYC36H3 Psychotherapy
PSYC39H3 Psychology and the Law

Psycho-Biological Grouping
~~PSYB64H3 Physiological Psychology~~
[PSYB55H3 Introduction to Cognitive Neuroscience or (PSYB65H3) Human Brain and ~~&~~ Behaviour]
PSYB64H3 Physiological Psychology
PSYC33H3 Neuropsychological Rehabilitation
PSYC62H3 Drugs and the Brain

8. 1.0 credit at the D-level, with at least 0.5 credit from the following list:
PSYD30H3 Current topics in Personality Psychology
PSYD31H3 Cultural-Clinical Psychology
PSYD32H3 Personality Disorders
PSYD33H3 Current topics in Abnormal Psychology
PSYD35H3 Clinical Psychopharmacology
PSYD39H3 Cognitive Behaviorial Therapy

9. An additional 1.0 credit in Psychology

10. 2.0 credits from the following courses:
~~(HLTB17H3) Conceptual Models of Health~~
HLTB40H3 Health Policy and Health Systems
HLTB41H3 Introduction to the Social Determinants of Mental Health
HLTB50H3 Introduction to Health Humanities
(HLTC05H3) Society, Health and Illness
HLTC22H3 Health, Aging, and the Life Cycle
HLTC23H3 Issues in Child Health and Development
HLTC42H3 Emerging Health Issues and Policy Needs
IDSB04H3 Introduction to International/Global Health
IDSC11H3 Issues in Global and International Health
LINB20H3 Sociolinguistics
PHLA11H3 Introduction to Ethics
PHLB07H3 Ethics
PHLB09H3 Biomedical Ethics
PHLB81H3 Theories of Mind
SOCB22H3 Sociology of Gender
SOCB49H3 Sociology of Family
SOCB50H3 Deviance and Normality I

~~(SOCB51H3) Deviance and Normality II~~

Co-op Work Term Requirements

Students must satisfactorily complete two Co-op work terms, each of four-months duration. To be eligible for their first work term, students must be enrolled in the Specialist Co-op Program in Mental Health Studies and have completed at least 10.0 credits, including PSYB01H3, PSYB07H3, PSYB32H3, [PSYB55H3 or (PSYB65H3)], PSYC02H3, [PSYC08H3 or PSYC09H3], and PSYC32H3.

In addition to their academic program requirements, Co-op students complete up to four Co-op specific courses. These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They cover a variety of topics intended to assist students in developing the skills and tools required to secure work terms that are appropriate to their program of study, and to perform professionally in the workplace. These courses must be completed in sequence, and are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

Co-op Preparation Course Requirements:

1. COPD01H3 – Navigating the World of Work
- Students entering Co-op from outside of UTSC (high school or other postsecondary) will complete this course in fall of their first year at UTSC
- Current UTSC students entering Co-op in April/May will complete this course in the summer term
- Current UTSC students entering Co-op in July/August will complete this course in the fall term

2. COPD03H3 – Job Search Preparation
- Prerequisite: COPD01H3
- This course will be completed eight months in advance of the first scheduled work term

3. COPD11H3 – Job Search Competition I
- Prerequisite: COPD03H3
- This course will be completed four months in advance of the first work scheduled work term

4. COPD12H3 – Job Search Competition II
- Prerequisite: COPD11H3 and one Co-op work term
- This course will be completed four months in advance of the second scheduled work term

Students must be available for work terms in each of the Fall, Winter and Summer sessions and must complete at least one of their required work terms in either a Fall or Winter session. This in turn requires that students take courses during at least one Summer session.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see Section 6B.5 of the UTSC *Calendar*.

Description of Proposed Changes:
1. The enrolment requirements have been revised to include that students must achieve a GPA of 72% or more in PSYA01H3 and PSYA02H3
2. Course titles have been revised for PSYA01H3, PSYA02H3, PSYB30H3, PSYB32H3, and PSYB45H3
3. Courses being removed are: (HLTB17H3), (SOCB11H3)
4. Courses being added are: HLTB41H3, PSYB55H3, PSYD39H3

Rationale:
1. To ensure consistency with the non co-op Specialist program in PSY, both PSYA01H3 and PSYA02H3 grades of 72% or higher are now apart of the enrolment requirements. The Department is undertaking a process of increasing the admissions averages.This change is motivated by the volume of students in the program exceeding the ability to effective service the courses they want or require. With a gradual increase in admissions average over time, the department expects

the program volume to decrease, improving the ability to effectively serve the students in this program.
2.Title changes are to reflect changes in the courses
3. HLTB17 and SOCB11H3 are being removed because these courses have been retired.
4. Courses are being added to offer more flexibility for students

Impact:
Students currently enrolled in one of our programs will not be affected.

Consultation:
Changes were reviewed and approved by the departmental curriculum committee on September 28, 2017.
Representatives from Psychology met with the Dean, the Registrar and the Director of Admissions on August 2, 2017. They are aware of our intentions to gradually increase our admissions averages.

Resource Implications:
no impact on resources

SPECIALIST (CO-OPERATIVE) PROGRAM IN PSYCHOLOGY (SCIENCE)

Enrolment Requirements:

Track Changes:

Enrolment Requirements

The minimum qualifications for entry are 4.0 credits including PSYA01H3 and PSYA02H3 plus a cumulative GPA of at least 2.75. Grades in both PSYA01H3 and PSYA02H3 must be 72% or higher.

Current Co-op Students:

Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above. Students who have completed 10.0 credits or more, are not eligible to apply to the program.

Students currently enrolled in the Specialist Co-op Program in Psychology who have completed 10.0 credits or more, are not eligible to transfer to the Specialist Co-op Program in Mental Health Studies or vice-versa.

Prospective Co-op Students:

In addition to requesting the program on ACORN, prospective Co-op students(i.e., those not yet admitted to a Co-op Degree POSt)must also submit a Co-op Supplementary Application Form, which is available from the Arts & Science Co-op Office (http://www.utsc.utoronto.ca/askcoop/future-co-op-students). Submission deadlines follow the Limited Enrolment Program Application Deadlines set by the Registrar's Office each year. Failure to submit both the Supplementary Application Form and the program request on ACORN will result in that student's application not being considered.

Completion Requirements:

Track Changes:

Program Requirements

The program requires students to complete a total of 12.5 credits, including at least 4.0 credits at the C- or D-level, of which at 1.0 credit must be at the D-level:

1. Introduction to Psychology (1.0 credit)
PSYA01H3 Introduction to Biological and Cognitive ~~Introductory~~ Psychology~~:~~ ~~Part~~ ~~I~~
PSYA02H3 Introduction to Clinical, Developmental, Personality and Social ~~Introductory~~ Psychology~~:~~ ~~Part~~ ~~II~~

2. Statistical Methods (1.0 credit)

PSYB07H3 Data Analysis in Psychology
[PSYC08H3 Advanced Data Analysis in Psychology or PSYC09H3 Applied Multiple Regression in Psychology]

3. Laboratory Methods (1.0 credit)
PSYB01H3 Psychological Research Laboratory
0.5 credit from among the following:
- PSYC04H3 Brain Imaging Laboratory
- PSYC05H3 Human Movement Laboratory
- PSYC06H3 Psychophysiology Laboratory
- PSYC11H3 Social Psychology Laboratory
- PSYC26H3 Developmental Psychology Laboratory
- PSYC58H3 Cognitive Psychology Laboratory
- NROC63H3 Neuroscience Laboratory

4. PSYC02H3 Scientific Communication in Psychology (0.5 credit)

5. PSYC85H3 History of Psychology (0.5 credit)

6. 5.0 credits at the B- and C-level
Students are required to take 3.0 credits at the B- or C-level from one of the two content groups listed below and 2.0 credits from the other group:
(a) Social and Developmental (courses listed in the 10- and 20-series)
(b) Perception, Cognition and Physiology (courses listed in the 50- and 60-series)

7. 1.0 credit at the D-level
Students must take 0.5 credit from each of the groupings listed below:
Group One
PSYD11H3 Psychology of Interpersonal Relationships
PSYD12H3 Social Psychology of the Self
PSYD13H3 Psychology of Emotion Regulation
PSYD14H3 Psychology of Morality
PSYD15H3 Current Topics in Social Psychology
PSYD16H3 Critical Analysis in Social Psychology
PSYD18H3 Psychology of Gender
PSYD20H3 Current Topics in Developmental Psychology
PSYD22H3 Socialization Processes

Group Two
PSYD34H3 Human Intelligence
PSYD50H3 Current Topics in Memory and Cognition
PSYD51H3 Current Topics in Perception
PSYD54H3 Current Topics in Visual Recognition
PSYD66H3 Current Topics in Human Brain and Behaviour

8. 2.5 additional credits in Psychology
Students must choose 2.5 further credits from any of the remaining courses in Psychology. In selecting the 2.0 credits, 1.0 credit must be at the C-level. Supervised study or thesis courses may be used to fulfill a maximum of 0.5 credit.

Co-op Work Term Requirements

Students must satisfactorily complete two Co-op work terms, each of four-months duration. To be eligible for their first work term, students must be enrolled in the Specialist Co-op Program in Psychology and have completed at least 10.0 credits, including PSYB01H3, PSYB07H3, PSYC02H3 and [PSYC08H3 or PSYC09H3].

In addition to their academic program requirements, Co-op students complete up to four Co-op specific courses. These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They cover a variety of topics intended to assist students in developing the skills and tools required

to secure work terms that are appropriate to their program of study, and to perform professionally in the workplace. These courses must be completed in sequence, and are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

Co-op Preparation Course Requirements:

1. COPD01H3 – Navigating the World of Work
- Students entering Co-op from outside of UTSC (high school or other postsecondary) will complete this course in fall of their first year at UTSC
- Current UTSC students entering Co-op in April/May will complete this course in the summer term
- Current UTSC students entering Co-op in July/August will complete this course in the fall term

2. COPD03H3 – Job Search Preparation
- Prerequisite: COPD01H3
- This course will be completed eight months in advance of the first scheduled work term

3. COPD11H3 – Job Search Competition I
- Prerequisite: COPD03H3
- This course will be completed four months in advance of the first work scheduled work term

4. COPD12H3 – Job Search Competition II
- Prerequisite: COPD11H3 and one Co-op work term
- This course will be completed four months in advance of the second scheduled work term

Students must be available for work terms in each of the Fall, Winter and Summer sessions and must complete at least one of their required work terms in either a Fall or Winter session. This in turn requires that students take courses during at least one Summer session.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see Section 6B.5 of the UTSC Calendar.

Description of Proposed Changes:
1.The enrolment requirements have been revised to include that students must achieve a GPA of 72% or more in PSYA01H3 and PSYA02H3
2. Course titles have been revised for PSYA01H3 and PSYA02H3
3. PSYD13H3 has been added as an optional course to component 7 of the program requirements

Rationale:
1. To ensure consistency with the non co-op Specialist program in PSY, both PSYA01H3 and PSYA02H3 grades of 72% or higher are now apart of the admission requirement. The Department is undertaking a process of increasing the admissions averages.This change is motivated by the volume of students in the program exceeding the ability to effective service the courses they want or require. With a gradual increase in admissions average over time, the department expects the program volume to decrease, improving the ability to effectively serve the students in this program.
2. Title changes are to reflect changes in the courses
3. PSYD13H3 has been added to component 7 because it is an appropriate optional course to complete this requirement

Impact:
Students currently enrolled in one of our programs will not be affected.

Consultation:
Changes were reviewed and approved by the departmental curriculum committee on September 28, 2017.
Representatives from Psychology met with the Dean, the Registrar and the Director of Admissions on August 2, 2017. They are aware of our intentions to gradually increase our admissions averages.

Resource Implications:
no impact on resources

SPECIALIST PROGRAM IN MENTAL HEALTH STUDIES (SCIENCE)

Enrolment Requirements:

Track Changes:

Enrolment Requirements

Enrolment in the Program is limited. Students may apply to the program after completing a minimum of 4.0 credits, including 1.0 credit in Psychology ~~psychology~~. Admission will require either: (1) a final grade of 72% ~~70%~~ or higher in both ~~each of~~ PSYA01H3 and PSYA02H3,~~.~~ ~~Students in either the Major Program in Mental Health Studies~~ or (2) ~~the Major Program in Psychology who achieve~~ a final grade of 64% ~~70%~~ or higher in both PSYA01H3 and PSYA02H3, and a final grade ~~each~~ of 72% ~~two B-level psychology courses will be accepted for transfer into either the Specialist Program in Mental Health Studies~~ or higher ~~the Specialist Program~~ in PSYB01H3 and [PSYB07H3 or equivalent] ~~Psychology~~.

Application for admission will be made to the Registrar through ACORN, in April/May and July/August.

Completion Requirements:

Track Changes:

Program Requirements

The program requires completion of 12.5 credits as follows, including at least 4.0 credits at the C- or D-level, of which at least 1.0 must be at the D-level:

1. Introductory Psychology (1.0 credit)
PSYA01H3 Introduction to Biological and Cognitive ~~Introductory~~ Psychology~~: Part I~~
PSYA02H3 Introduction to Clinical, Developmental, Personality and Social ~~Introductory~~ Psychology~~: Part II~~

2. Statistical Methods (1.0 credit)
PSYB07H3 Data Analysis in Psychology
[PSYC08H3 Advanced Data Analysis in Psychology or PSYC09H3 Applied Multiple Regression in Psychology]

3. Laboratory Methods (1.0 credit)
PSYB01H3 Psychological Research Laboratory
PSYC37H3 Psychological Assessment

4. PSYC02H3 Scientific Communication in Psychology (0.5 credit)

5. PSYC85H3 History of Psychology (0.5 credit)

6. 1.0 credit as follows:
PSYB30H3 Introduction to Personality
PSYB32H3 Introduction to Clinical ~~Abnormal~~ Psychology

7. Students are required to take 2.0 credits from either the psycho-social grouping or the psycho-biological grouping listed below, as well as 1.0 credit from the other grouping (3.0 credits):

Psycho-Social Grouping
PSYB45H3 Introduction to Behaviour Modification~~: Origins and Applications~~
PSYC18H3 The Psychology of Emotion
PSYC35H3 Advanced Personality Psychology
PSYC36H3 Psychotherapy
PSYC39H3 Psychology and the Law

Psycho-Biological Grouping
~~PSYB64H3 Physiological Psychology~~
[PSYB55H3 Introduction to Cognitive Neuroscience or (PSYB65H3) Human Brain and ~~&~~ Behaviour]

PSYB64H3 Physiological Psychology
PSYC31H3 Clinical Neuropsychology
PSYC33H3 Neuropsychological Rehabilitation
PSYC62H3 Drugs and the Brain

8. 1.0 credit at the D-level, with at least 0.5 credit from the following:
PSYD30H3 Current topics in Personality Psychology
PSYD31H3 Cultural-Clinical Psychology
PSYD32H3 Personality Disorders
PSYD33H3 Current topics in Abnormal Psychology
PSYD35H3 Clinical Psychopharmacology
PSYD39H3 Cognitive Behaviorial Therapy

9. 1.5 additional credits in Psychology

10. 2.0 credits from the following courses:
~~(HLTB17H3) Conceptual Models of Health~~
HLTB40H3 Health Policy and Health Systems
HLTB41H3 Introduction to the Social Determinants of Health
HLTB50H3 Introduction to Health Humanities
(HLTC05H3) Society, Health and Illness
HLTC22H3 Health, Aging, and the Life Cycle
HLTC23H3 Issues in Child Health and Development
HLTC42H3 Emerging Health Issues and Policy Needs
IDSB04H3 Introduction to International/Global Health
IDSC11H3 Issues in Global and International Health
LINB20H3 Sociolinguistics
PHLA11H3 Introduction to Ethics
PHLB07H3 Ethics
PHLB09H3 Biomedical Ethics
PHLB81H3 Theories of Mind
SOCB22H3 Sociology of Gender
SOCB49H3 Sociology of Family
SOCB50H3 Deviance and Normality I
~~(SOCB51H3) Deviance and Normality II~~

Description of Proposed Changes:
1. The enrolment requirements have been revised: under Option 1 the GPA requirement for the completion of PSYA01H3 and PSYA02H3 increases from 70% to 72%; under Option 2 students must complete PSYA01H3 and PSYA02H3 with a grade of 64% or higher as well as PSYB01H3 and PSYB07H3 with a GPA of 72% or higher.
2. Course titles have been revised for PSYA01H3, PSYA02H3, PSYB30H3, PYSB32H3, and PSYB45H3 to reflect changes in the courses
3. Courses being removed are: (HLTB17H3), (SOCB11H3)
4. Courses being added are: HLTB41H3, PSYB55H3, and PSYD39H3

Rationale:
1.The change to the enrolment requirements is motivated by the volume of students in the programs exceeding the ability to effectively service the courses they want and require. With a gradual increases in admissions average over time, the expectation is that the program volume will decrease, improving the ability to effectively serve the students in the programs; students will have a second option to enter the major if they are not successful with getting a grade of 72%% or higher in PSYA01H3 and PSYA02H3.
2.Title changes are to reflect changes in the courses
3. HLTB17H3 and SOCB11H3 are being removed because these courses have been retired.
4. Courses are being added to offer more flexibility for students

Impact:

Students currently enrolled in one of our programs will not be affected.

Consultation:
Changes were reviewed and approved by the departmental curriculum committee on September 28, 2017.
Representatives from Psychology met with the Dean, the Registrar and the Director of Admissions on August 2, 2017. They are aware of our intentions to gradually increase our enrolment requirements.

Resource Implications:
no impact on resources

SPECIALIST PROGRAM IN PSYCHOLOGY (SCIENCE)

Enrolment Requirements:

Track Changes:

Enrolment Requirements

Enrolment in the Program is limited. Students may apply to the program after completing a minimum of 4.0 credits, including 1.0 credit in psychology. Admission will require either: (1) a final grade of 72% ~~70%~~ or higher in both ~~each of~~ PSYA01H3 and PSYA02H3,~~. Students in either the Major Program in Mental Health Studies~~ or (2) ~~the Major Program in Psychology who achieve~~ a final grade of 64% ~~70%~~ or higher in both PSYA01H3 and PSYA02H3, and a final grade ~~each~~ of 72% ~~two B-level psychology courses will be accepted for transfer into either the Specialist Program in Mental Health Studies~~ or higher ~~the Specialist Program~~ in PSYB01H3 and [PSYB07H3 or equivalent] ~~Psychology~~.

Application for admission will be made to the Registrar through ACORN, in April/May and July/August.

Completion Requirements:

Track Changes:

Program Requirements
The Program requires completion of 12.5 credits, including at least 4.0 credits at the C- or D-level, of which at least 1.0 credit must be at the D-level:

1. Introduction to Psychology (1.0 credit)
PSYA01H3 Introduction to Biological and Cognitive ~~Introductory~~ Psychology~~: Part I~~
PSYA02H3 Introduction to Clinical, Developmental, Personality and Social ~~Introductory~~ Psychology~~: Part II~~

2. Statistical Methods (1.0 credit)
PSYB07H3 Data Analysis in Psychology
[PSYC08H3 Advanced Data Analysis in Psychology or PSYC09H3 Applied Multiple Regression in Psychology]

3. Laboratory Methods (1.0 credit)
PSYB01H3 Psychological Research Laboratory
0.5 credit from among the following:
- PSYC04H3 Brain Imaging Laboratory
- PSYC05H3 Human Movement Laboratory
- PSYC06H3 Psychophysiology Laboratory
- PSYC11H3 Social Psychology Laboratory
- PSYC26H3 Developmental Psychology Laboratory
- PSYC58H3 Cognitive Psychology Laboratory
- NROC63H3 Neuroscience Laboratory

4. PSYC02H3 Scientific Communication in Psychology (0.5 credit)

5. PSYC85H3 History of Psychology (0.5 credit)

6. 5.0 credits at the B-level and C-level
Students are required to take 3.0 credits at the B-level or C-level from one of the two content groups listed below and 2.0 credits from the other group:
(a) Social and Developmental (courses listed in the 10- and 20-series)
(b) Perception, Cognition and Physiology (courses listed in the 50- and 60-series)

7. 1.0 credit at the D-level
Students must take a 0.5 credit from each of the groupings listed below:
Group One
PSYD11H3 Psychology of Interpersonal Relationships
PSYD12H3 Social Psychology of the Self

PSYD13H3 Psychology of Emotion Regulation
PSYD14H3 Psychology of Morality
PSYD15H3 Current Topics in Social Psychology
PSYD16H3 Critical Analysis in Social Psychology
PSYD18H3 Psychology of Gender
PSYD20H3 Current Topics in Developmental Psychology
PSYD22H3 Socialization Processes

Group Two
PSYD34H3 Human Intelligence
PSYD50H3 Current Topics in Memory and Cognition
PSYD51H3 Current Topics in Perception
PSYD54H3 Current Topics in Visual Recognition
PSYD66H3 Current Topics in Human Brain and Behaviour

8. 2.5 additional credits in Psychology
Students must choose 2.5 further credits from any of the remaining courses in Psychology. In selecting the 2.5 credits, 1.0 credit must be at the C-level. Supervised study or thesis courses may be used to fulfill a maximum of 0.5 credit.

Description of Proposed Changes:
1. The enrolment requirements have been revised: under Option 1 the GPA requirement for the completion of PSYA01H3 and PSYA02H3 increases from 70% to 72%; under Option 2 students must complete PSYA01H3 and PSYA02H3 grade of 64% or higher as well as PSYB01H3 and PSYB07H3 grade of 72% or higher.
2. Course titles have been revised for PSYA01H3 and PSYA02H3
4. PSYD13H3 added as an optional course to component 7 of the program requirements

Rationale:
1. The change to the enrolment requirements is motivated by the volume of students in the programs exceeding the ability to effectively service the courses they want and require. With a gradual increase in admissions average over time, the expectation is that the program volume will decrease, improving the ability to effectively serve the students in those program; students will have a second option to enter the major if they are not successful with getting a grade of 72%% or higher in PSYA01H3 and PSYA02H3.
2.Title changes are to reflect changes in the courses.
4. PSYD13H3 is being added to component 7 to give students an additional appropriate option

Impact:
Students currently enrolled in one of our programs will not be affected.

Consultation:
Changes were reviewed and approved by the departmental curriculum committee on September 28, 2017.
Representatives from Psychology met with the Dean, the Registrar and the Director of Admissions on August 2, 2017. They are aware of our intentions to gradually increase our admissions averages.

Resource Implications:

no impact on resources

2 New Courses:

PSYC16H3: Psychology of Imagination

Contact Hours:

Description:

The course will examine different aspects of imagination in a historical context, including creativity, curiosity, future-mindedness, openness to experience, perseverance, perspective, purpose, and wisdom along with its neural foundations.

Prerequisites:
PSYB10H3 and [PSYB20H3 or PSYB30H3 or PSYB51H3 or PSYB55H3 or PSYB57H3]

Corequisites:

Exclusions:

Recommended Preparation:

Enrolment Limits: 100

Note:
Priority will be given to students in the Specialist/Specialist Co-op, and Major programs in Psychology and Mental Health Studies. Students in the Minor in Psychology will be admitted if space permits.

Breadth Requirements: Social & Behavioural Sciences

Rationale:
This course is being designed to fit into the Social Area stream of courses. Given that there is a continuum between imagination and belief, it is important for students to be self-aware regarding the products of their own imaginations. The course therefore looks at a phenomenon with a long history in Western and Eastern cultures. It provides an opportunity for students to go beyond an appreciation of how the concept has developed to also see how it operates within themselves, their friends, and society as a whole. It also fits with the broad range of methodologies being explored in the diverse research of members of the social area group ranging from behavioural measures to studies of neural processes.

Consultation:
Consultation within the academic unit:
- The proposal was approved by the Departmental Curriculum Committee on September 28, 2017

Consultation outside the academic unit:
- The new course code approved by the RO on September 25, 2017

Resources:
•The course will be taught by Dr. Gerry Cupchik, full time faculty. It will be a permanent part of his teaching obligations as discussed with the Chair of the Psychology Department. This course
•The course will not require part-time or sessional faculty. Dr. Cupchik's previous teaching commitment, PSYC18H3, will be moved to a new faculty member in the Department, Dr. Brett Ford, as of April 2018.
•The course does require T.A. support. The nature of the T.A. support will include reading and providing feedback on written assignments, holding office hours to assist students in their understanding of the course material, and helping the instructor with the marking of mid-term tests and final exam. All of these duties will require 2 (or 3) dedicated and knowledgeable TAs, depending on course enrolment. In total, 120 hours of TA support for 100 students is requested. This support is not currently covered by the department's TA budget. Request for additional TA support approved by the Dean's Office on November 15th, 2017.
•No additional resources will be required, and so there are no space or infrastructure requirements beyond the Department's current budget.

PSYD39H3: Cognitive Behavioural Therapy

Contact Hours:

Description:

This course provides an in-depth exploration of cognitive behavioural therapies (CBT) for psychological disorders. Topics covered include historical and theoretical foundations of CBT, its empirical evidence base and putative mechanisms of change, and a critical review of contemporary clinical applications and protocols.

Prerequisites:
[PSYB01H3 or PSYB04H3] and [PSYB07H3 or STAB22H3 or STAB23H3] and PSYC36H3

Corequisites:

Exclusions:

Recommended Preparation:

Enrolment Limits: 24

Note:

Breadth Requirements: Social & Behavioural Sciences

Rationale:
Mental Health Studies students who do research or work in clinical fields (e.g. graduate programs in clinical psychology or social work), will likely require training in CBT. This D-level course will help prepare students by providing them with seminar style format which facilitates in-depth discussion of primary empirical articles and research literature in CBT.

Consultation:
This proposal was reviewed and approved by the departmental curriculum committee on September 28, 2017.
The course code was approved by the Registrar's Office: September 21, 2015 .

Resources:
The course will be taught by Dr. Andrew Cooper, a newly appointed faculty member in the Department of Psychology. This will be a regular component of Dr. Cooper’s teaching load, being offered at least once per year.
This course will require no TA support, and can be taught in any small classroom that has AV support (e.g., SW316).