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

TO: UTSC Academic Affairs Committee

SPONSOR: Prof. Karin Ruhlandt, Vice-Principal Academic and Dean
CONTACT INFO: 416-208-7027, vpdean.utsc@utoronto.ca

PRESENTER: Prof. Katie Larson, Vice-Dean Teaching, Learning & Undergraduate Programs
CONTACT INFO: (416) 208-2978, vdundergrad.utsc@utoronto.ca

DATE: March 19, 2025 for March 26, 2025

AGENDA ITEM: 3

ITEM IDENTIFICATION:

Undergraduate Minor Modifications: Double Degree Programs, UTSC (For approval)

JURISDICTIONAL INFORMATION:

The UTSC 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 AAC 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 and 3.3).

GOVERNANCE PATH:

1. **UTSC Academic Affairs Committee [For Approval] (March 26, 2025)**

PREVIOUS ACTION TAKEN:

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

HIGHLIGHTS:

This package contains minor modifications to the undergraduate Double Degree Programs at UTSC. These changes require governance approval. Minor modifications are defined as adjustments that do not

substantially alter program or course learning outcomes but may involve modest changes to the structure of a program or course. Upon approval, these updates will be implemented for the 2025-2026 academic year.

- Double Degree: BBA, Specialist (Co-Operative) Program in Management and Finance / Honours BSc, Specialist (Cooperative) Program in Statistics, Quantitative Finance Stream (Report: Undergraduate Minor Curriculum Modifications – Double Degree Programs for Approval)

- Double Degree: BBA, Specialist Program in Management and Finance / Honours BSc, Specialist Program in Statistics, Quantitative Finance Stream (Report: Undergraduate Minor Curriculum Modifications – Double Degree Programs for Approval)

- Double Degree: Honours BA, Specialist Program in English / Honours BSc, Specialist Program in Psychology (Report: Undergraduate Minor Curriculum Modifications – Double Degree Programs for Approval)

FINANCIAL IMPLICATIONS:

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

RECOMMENDATION:

Be It Resolved:

THAT the proposed undergraduate Double Degree program curriculum changes for the 2025-26 academic year, as detailed in the respective curriculum report, be approved.

DOCUMENTATION PROVIDED:

1. Report - Undergraduate Minor Curriculum Modifications – Double Degree Programs for Approval

Minor Modification to Undergraduate Program Proposal

This template can be used to draft proposals for minor modifications to existing undergraduate programs. When the proposal is ready, input the final content into Curriculum Manager (CM) to submit for governance review. For access to CM, or if you have any questions, contact your department administrator or the Programs & Curriculum team in the Dean's Office.

- Additional guidelines for each field are provided as endnotes.
- Some fields have been pre-filled with default options where they apply to all programs.
- This template includes only fields relevant for minor modifications to UTSC programs. Additional fields that appear in CM should be left blank or unchanged.
- For major modifications or program closures, templates are available from the Office of the Vice Provost, Academic Programs

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Program Record Attachments

Version Start Session:[1]	Fall 2025
e.g. Fall 2024	

Existing Program Title:	DOUBLE DEGREE: BBA, SPECIALIST (CO-OPERATIVE) PROGRAM IN MANAGEMENT AND FINANCE / HONOURS BSc, SPECIALIST (COOPERATIVE) PROGRAM IN STATISTICS, QUANTITATIVE FINANCE STREAM
New Program Title:[2]	
Level of Instruction:	☒ Undergraduate
Program Type:	☒ Subject

Responsibility

Division:[3]	University of Toronto Scarborough

Unit(s):[4]	Management and Computer & Mathematical Sciences

Governance Routing

Proposal Divisional Review	☒ This proposal requires full divisional review (*default*)

Content & Program Requirements

Step 1: Copy and paste the existing Calendar entry from CM into the boxes below.

Step 2: Show all the changes being made; please do not use track changes:

- Use "~~Strikethrough~~" and ==yellow highlighting== to show deleted copy.
- Add all new copy in red.

Program Description (showing changes)

Assistant Director:
P. Brown ~~(416-287-7421)~~ Email: mgmtcoop.utsc@utoronto.ca
~~Management Co-op Academic Director: S. Ahmed E-mail: mgmtss.utsc@utoronto.ca~~
~~Double Degree in Quantitative Finance and Statistics Co-op Supervisor of Studies: S.~~
~~Damouras E mail: sotirios.damouras@utoronto.ca~~

Academic Directors:
S. Ahmed Email: mgmtss.utsc@utoronto.ca (BBA)
S. Damouras Email: sotirios.damouras@utoronto.ca (BSc)

~~Program Director: C. Arsenault E-mail: mgmtcoop.utsc@utoronto.ca~~

The Double Degree program combines the Specialist (Co-operative) Program in Management and Finance and the Specialist (Co-operative) Program in Statistics, Quantitative Finance stream. Students completing the Double Degree program will qualify to graduate with two degree designations – the Bachelor of Business Administration (BBA) and the Honours Bachelor of Science (BSc), assuming all other degree criteria are met.

The Double Degree program is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in public and private enterprises. Depending on their needs and abilities, students work in areas such as finance, insurance, data analytics, accounting, consulting, business intelligence, marketing, policy, strategic planning and entrepreneurship. The Double Degree program will equip students with a comprehensive understanding of financial markets, and develop the business and quantitative skills required to function in them.

The Double Degree program operates on a trimester schedule, featuring three terms (Fall, Winter and Summer) in each Calendar year. Students work or study in all three terms for five years, or until graduation requirements are met. It requires 11 four-month terms of study and 3 four-month work terms.

Admission Requirements (if applicable; showing changes)

N/A

Enrolment Requirements (showing changes)

Enrolment in the Double Degree program is limited.

1. Students applying directly from high school are admitted on the basis of academic performance. They must have completed Grade 12 English, Grade 12 Advanced Functions, and Grade 12 Calculus & Vectors. Applicants must also submit a Supplementary Application Form.

Course Guidelines for Students Admitted to Double Degree Program Directly from High School:

Students must complete the following courses in their first year of study: MGEA02H3, MGEA06H3, MATA22H3, MATA31H3, MATA37H3, (MATA67H3)/CSCA67H3, MGAB01H3, MGAB02H3, MGHA12H3, MGMA01H3 and MGTA38H3.

2. Students already pursuing a BBA program and degree may apply to enter this Double Degree program. The application can be made before the end of the Winter semester and/or before the end of the Summer semester. Application for admission will be considered only for the round during which the student has made the Subject POSt request. Students considering switching to the Double Degree program should consult with the ~~program supervisors~~ Academic Directors as soon as possible.

The minimum Cumulative Grade Point Average (CGPA) for Program admission is calculated for each application period and is based on University of Toronto courses only. Decisions are made when all grades have been received.

Students must have completed at least 5.0 credits (none of which can be designated as CR/NCR),including: MGEA02H3, MGEA06H3, MGAB01H3, MGAB02H3, MGHA12H3, MGTA38H3, MATA22H3, MATA31H3, MATA37H3, and (MATA67H3)/CSCA67H3.

Students who have taken MATA34H3 or [[MATA30H3 or (MATA32H3)] and [(MATA33H3) or MATA36H3]] instead of [MATA31H3 and MATA37H3] can still apply to the Double Degree program if they are taking or plan to take MATA37H3 at the time of application and could receive admission conditional on their grade in MATA37H3 being above a threshold to be specified each year.

Notes:

1. Students MUST complete the pre-requisite of (MATA67H3)/CSCA67H3 in order to take MATA37H3.

2. MATA34H3 is not a substitute for MATA31H3. Students who have completed MATA34H3 will be required to take MATA31H3 as an Extra (EXT) course before taking MATA37H3.

Students may apply until they have completed up to 10.0 credits. Students who have completed more than 10.0 credits will not be able to apply to the Double Degree Program.

For those who apply with more than 5.0 credits, their CGPA at the time of application will be calculated with more weight assigned to the required courses listed under the 5.0 credits.

Applicants must submit a resume and covering letter to the Management Co-op Office during the limited Subject POSt request period outlined on the Office of the Registrar website. For information on what to include in your resume and covering letter, visit the Management Co-op website. An interview may also be required.

CGPA Requirement to Remain in the Double Degree Co-op Program

Students must maintain a CGPA of 2.5 or higher. Students whose CGPA falls below 2.5 will be placed on probation. Students on probation will be reinstated to the Double Degree program if they complete at least 2.0 credits (none of which can be designated as CR/NCR) in the following session and raise their CGPA to at least 2.5. Students who cannot get out of probation in two consecutive sessions, or whose CGPA falls below 2.3, will be removed from the Double Degree Co-op Program. Students removed from the Double Degree (Specialist Co-op Programs) can pursue the Double Degree (Specialist Programs), or one of its non Co-op constituent programs (i.e., the BBA Specialist Program in Management and Finance, or the BSc Specialist Program in Statistics, Quantitative Finance stream).

Completion Requirements (showing changes)

Program Requirements

The Double Degree program requires the completion of 25.0 credits. 21.5 credits are core program requirements as listed below, and 3.5 further credits are required to complete degree requirements.

NOTES:

1. Students who have taken STAB52H3 STAB53H3 and STAB57H3 and then transfer to any other BBA program must also take MGEB12H3 to fulfill the program requirements.

2. A single course may only be used once to fulfill one of the following program requirements.

1. Communications requirement (0.5 credit)
MGTA38H3 Management Communications

2. Management requirements (5.0 credits)
MGAB01H3 Introductory Financial Accounting I
MGAB02H3 Introductory Financial Accounting II
MGAB03H3 Introductory Management Accounting
MGHB02H3 Managing People and Groups in Organizations
MGHA12H3 Human Resource Management
MGHC02H3 Management Skills
MGMA01H3 Principles of Marketing
MGMB01H3 Marketing Management

MGOC10H3 Analysis for Decision-Making
MGOC20H3 Operations Management: A Mathematical Approach

3. Science requirements (9.0 credits)
CSCA08H3 Introduction to Computer Science I
(MATA67H3)/CSCA67H3 Discrete Mathematics
CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics
MATA22H3 Linear Algebra I for Mathematical Sciences
MATA31H3 Calculus I for Mathematical Sciences
MATA37H3 Calculus II for Mathematical Science
MATB24H3 Linear Algebra II
MATB41H3 Techniques of the Calculus of Several Variables I
MATB42H3 Techniques of the Calculus of Several Variables II
MATB44H3 Differential Equations I
MATB61H3 Linear Programming and Optimization
MATC46H3 Differential Equations II
STAB52H3 An Introduction to Probability
STAB57H3 An Introduction to Statistics
STAC62H3 Probability and Stochastic Processes I
STAC67H3 Regression Analysis
STAD37H3 Multivariate Analysis
STAD57H3 Time Series Analysis

4. Economics requirements (2.0 credits)
MGEA02H3 Introduction to Microeconomics: A Mathematical Approach
MGEA06H3 Introduction to Macroeconomics: A Mathematical Approach
MGEB02H3 Price Theory: A Mathematical Approach
MGEB06H3 Macroeconomic Theory and Policy: A Mathematical Approach

5. Finance requirements (3.0 credits)
MGFB10H3 Principles of Finance
MGFC10H3 Intermediate Finance
[MGFC30H3 Introduction to Derivatives Markets or STAB41H3 Financial Derivatives]
MGFC35H3/(MGFD10H3) Investments
STAC70H3 Statistics and Finance I
STAD70H3 Statistics and Finance II

6. At least four courses (2.0 credits) from:
MGEC71H3 Money and Banking
MGFC20H3 Personal Financial Management
MGFC45H3 Portfolio Management: Theory & Practice
MGFC50H3 International Financial Management
MGFC60H3 Financial Statement Analysis & Security Valuation
MGFD15H3 Private Equity
MGFD25H3 Financial Technologies and Applications (FinTech)
MGFD30H3 Risk Management
MGFD40H3 Investor Psychology and Behavioural Finance
MGFD50H3 Mergers and Acquisitions: Theory and Practice

MGFD60H3 Financial Modeling and Trading Strategies
MGFD70H3 Advanced Financial Management

Any C- or D-level Finance courses (MGF) and/or MGEC71H3-Money and Banking,

Note: In selecting options and electives, students should refer to the guidelines for program breadth and depth found in the Degree Requirements section of this *Calendar*.

Co-op Work Term Requirements

All Double Degree program Co-op students must take MGTA38H3 prior to commencement of their first work term. Students are advised to consult regularly with the Academic Supervisors, or the Program Director Assistant Director or the Academic Directors, if they have questions regarding course selection and scheduling. It is however the students' individual responsibility to ensure that they have completed the correct courses to make them eligible for each work term and that they have correctly completed program and degree requirements for graduation.

Students who apply after the first year and are successful in receiving a June offer will be expected to complete a Co-op Advancing Your Career Exploration (AYCE) course beginning in the third week of June and continuing throughout the summer.

To compete for a work term a student must maintain a 2.5 CGPA, and must have completed:

1. For the first work term:
   a. 7.0 credits, including: MGEA02H3, MGEA06H3, MGAB01H3, MGAB02H3, MGHA12H3, MGMA01H3, MGTA38H3, MATA22H3, MATA31H3 and MATA37H3.
   b. The Management Co-op Advancing Your Career Exploration Courses (AYCE): [COPB11H3 and COPB12H3] or COPB10Y3
2. For the second work term: 9.0 credits.
3. For the third work term: 11.0 credits.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section of this *Calendar*.

Delivery

Mode of Delivery:[5]	☒ In Person
see note for guidelines on Mode of Delivery policy	☐ Online
	☐ Hybrid

Administrative Information

Publication:	University of Toronto Scarborough - Calendar

Section(s):[6]	Management, Statistics, Double Degree Programs

Proposal Questions - General

Brief Description of the Proposed Changes:[7]	Program Description: • Removal of duplicate entry of Academic Directors titles and contact info. • Removal of C. Arsenault from the list, because P. Brown replaced her. Enrolment Requirements: • MATA67H3 has been retired and is marked with brackets to indicate its status. • Revising the title of "program supervisors" to "Academic Directors." • Bold formatting to subtitle. Completion Requirements: • Correction of required course in the note and adding a Adding a second note and reformatting of the notes to include a numbered format. • MATA67H3 has been retired and is marked with brackets to indicate its status. • The removal of the list of courses and titles in requirement #6 and replacing them with a sentence that captures all C and D level courses in the finance area including MGEC71H3. • Under the Co-op Work Term Requirements, the revision to the title from "program supervisors" to "Academic Directors."

Rationale:[8]	The contact information and position titles have been updated to reflect current details and ensure accuracy. Additionally, the titles have been revised from "program supervisors" to "Academic Directors" for consistency.
	MATA67H3 has been retired and is marked with brackets to indicate its status. As a cross-listed course, it has caused significant confusion among students, so CMS is reverting to a single course code: CSCA67H3.
	Under program requirements, the subtitle, "CGPA Requirement to Remain in the Double Degree (Specialist Programs)" was bolded for consistency.
	Under Note 1, the course listed has been corrected from STAB53H3 to STAB52H3, as STAB52H3 was the intended course. This correction is now consistent with the other double degree program between Management and CMS.
	Adding Note #2 under Program Requirements clarifies that each course may only be used once, which aligns with the change to include a list of courses in Requirement #6. This statement also ensures consistency between the Double Degree and all other BBA programs. Additionally, the notes are now numbered for clarity, as there is more than one.
	Course offerings in Finance have increased over time, which generally triggers new curriculum proposals. The proposed change to requirement #6 will allow all finance electives to fulfill this specific program requirement. The advantage of using a general statement is that when the area introduces any new courses, they will automatically be included in this requirement. This will eliminate the need for updated proposals every year, decrease inefficiencies and provide a larger diverse pool of courses for students to choose from. In addition, the proposed change does not affect the learning outcomes of the program.
Impact:[9]	Students will have a greater variety of courses to choose from to complete their degree. This is important when some courses are filled up, as it provides several options for the students to use.
Consultation:[10]	CMS DCC approved on September 10, 2024 Management DCC approved on September 20, 2024 Registrar's Office (Lindsey Taylor) February 28, 2025

Resources

Resource Implications:[11]	none

Program Record Attachments

Additional Program Documents:[12]	

Template Notes & Guidelines

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[1] Please select the session and year the new program will become available to students. Normally this will be the Fall term of the upcoming academic year (i.e. Fall 2023).

[2] Changing the title of a program has university-wide implications. If you are proposing a change to the title of your program, you must report this to the Academic Programs Officer via email as early as possible.

[3] If the program will now be offered in association with another University of Toronto Division, enter the name of the Division. Bear in mind that you will be adding that Division to the workflow.

[4] Programs do not typically move from one academic unit to another. If this is the type of change you want to make you must discuss it in advance with the Academic Programs Officer.

[5] Academic units MUST select one mode of delivery. Please see the Mode of Delivery Guidelines for more information. If you select more than one Mode of Delivery (if the course has different sections offered in different modes, for example) please explain why in the Rationale field below.

- "In Class" = The majority of instruction is delivered in-class (e.g. lectures, seminar discussion, midterms etc.). In-class courses may include some online elements (e.g. flipped classroom tools, online discussion boards, online office hours).

- "Online" = All of the instructional interaction occurs without the student and instructor being in the same physical location. When a course is delivered predominantly online, assessments are normally also conducted and submitted online.

- "Hybrid" = is designed such that face-to-face teaching time is reduced, but not eliminated. A course is considered to be hybrid if at least one-third of scheduled class time is replaced by online activities. Assessments for hybrid courses may be conducted in-person and/or online.

[6] Note that normally the Calendar Section(s) will NOT change. If you are seeking to move the program to another section of the Calendar, you must discuss this in advance with the Programs and Curriculum Coordinator before including the updated Calendar Section(s) here.

[7] Please briefly describe each change you are making to your program. For example:

1. In the Enrolment Requirements, the CGPA requirement increases from 2.5 to 2.65.

2. In Component 1 of the Program Requirements: students will complete either XYZB75H3 or XYZB76H3, not both. The total requirements for this component decreases from 1.5 to 1.0 credit.

3. In the First Year Component of the Program Requirements: XYZC51H3 is being added/deleted as an optional course.

[8] The rationale must *concisely* and *accurately* address all of the changes you've proposed and why. If you describe more than one change in the "Brief Description of the Proposed Changes," please organize your response in the rationale to follow the same order. For example:

1. The CGPA requirement has been increased to 2.65 because…

2. Students will complete either XYZB75H3 or XYZB76H3, rather than both, because…

3. XYZC51H3 has been added/deleted as an optional course because…

[9] Describe any impact the changes will have on students or on other academic units. If there will be no impact, say "None."

[10] Describe the consultation regarding the program changes, including both internal consultation and consultation outside of the academic unit responsible for the program. You MUST include the date on which the proposal was approved by your DCC. Note that all proposals must involve some degree of consultation, even it if is only within the academic unit. It is never valid to leave the consultation field empty, or respond "N/A."

[11] Describe any impact the proposed changes will have on resources and indicate how the unit plans to manage them. If there will be no impact on resources, say "None."

[12] You can attach any supporting documents relevant to the standing record of the program here. Note that this field is distinct from the Additional Proposal Documents field, which is not used.

Minor Modification to Undergraduate Program Proposal

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Program Record Attachments

Version Start Session:[1] e.g. Fall 2024	Fall 2025

Existing Program Title:	DOUBLE DEGREE: BBA, SPECIALIST PROGRAM IN MANAGEMENT AND FINANCE / HONOURS BSc, SPECIALIST PROGRAM IN STATISTICS, QUANTITATIVE FINANCE STREAM
New Program Title:[2]	
Level of Instruction:	☒ Undergraduate
Program Type:	☒ Subject

Responsibility

Division:[3]	University of Toronto Scarborough
Unit(s):[4]	Management and Computer & Mathematical Sciences

Governance Routing

Proposal Divisional Review	☒ This proposal requires full divisional review (*default*)

Content & Program Requirements

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Step 2: Show all the changes being made; please do not use track changes:

- Use "~~Strikethrough~~" and <mark>yellow highlighting</mark> to show deleted copy.
- Add all new copy in red.

Program Description (showing changes)

Academic Directors:
S. Ahmed Email: mgmtss.utsc@utoronto.ca (BBA)
S. Damouras Email: sotirios.damouras@utoronto.ca (BSc)

This Double Degree program combines the Specialist Program in Management and Finance and the Specialist Program in Statistics, Quantitative Finance stream. Students completing the Double Degree program will qualify to graduate with two-degree designations – the Bachelor of Business Administration (BBA) and the Honours Bachelor of Science (BSc), assuming all other degree criteria are met.

Admission Requirements (if applicable; showing changes)

N/A

Enrolment Requirements (showing changes)

Enrolment Requirements

Enrolment in this Double Degree program is limited.

1. Students applying directly from high school are admitted on the basis of academic performance. They must have completed Grade 12 English, Grade 12 Advanced Functions, and Grade 12 Calculus & Vectors. Applicants must also submit a Supplementary Application Form.

Course Guidelines for Students Admitted to the Double Degree Program Directly from High School
Students must complete the following courses in their first year of study: MGEA02H3, MGEA06H3, MATA22H3, MATA31H3, MATA37H3, (MATA67H3)/CSCA67H3, MGAB01H3, MGAB02H3, MGHA12H3, MGMA01H3 and MGTA38H3.

2. Students already pursuing a BBA program and degree may apply to enter the Double Degree

   program. The application can be made before the end of the Winter semester and/or before the end of the Summer semester. Application for admission will be considered only for the round during which the student has made the Subject POSt request. Students considering switching to the Double Degree program should consult with the ~~program supervisors~~ Academic Directors as soon as possible.

The minimum Cumulative Grade Point Average (CGPA) for admission is calculated for each application period and is based on University of Toronto courses only. Decisions are made when all grades have been received.

Students must have completed at least 5.0 credits (none of which can be designated as CR/NCR), including: MGEA02H3, MGEA06H3, MGAB01H3, MGAB02H3, MGTA38H3, MATA22H3, MGHA12H3, MATA31H3, MATA37H3, and (MATA67H3)/CSCA67H3.

Students who have taken MATA34H3 or [[MATA30H3 or (MATA32H3)] and [(MATA33H3) or MATA36H3]] instead of [MATA31H3 and MATA37H3] can still apply to the Double Degree program if they are taking or plan to take MATA37H3 at the time of application and could receive admission conditional on their grade in MATA37H3 being above a threshold to be specified each year.

Notes:

1. Students MUST complete the pre-requisite of (MATA67H3)/CSCA67H3 in order to take MATA37H3.

2. MATA34H3 is not a substitute for MATA31H3. Students who have completed MATA34H3 will be required to take MATA31H3 as an Extra (EXT) course before taking MATA37H3.

Students may apply until they have completed up to 10.0 credits. Students who have completed more than 10.0 credits will not be admitted to the Double Degree program. For those who apply with more than 5.0 credits, their CGPA at the time of application will be calculated with more weight assigned to the required courses listed under the 5.0 credits.

CGPA Requirement to Remain in the Double Degree (Specialist Programs)

In order to remain in the Double Degree, students must maintain a CGPA of 2.0 or higher after having attempted at least 4.0 credits. Students whose CGPA falls below 2.1 (but not below 2.0) will have the opportunity to move to either the non Co-op BBA Specialist Program in Management and Finance, or the non Co-op BSc Specialist Program in Statistics, Quantitative Finance stream. If they choose to stay in the Double Degree program and their CGPA falls below 2.0, they will be removed from the Double Degree program. Students removed from the program for this reason may request re-instatement if they complete at least 2.0 credits (none of which can be designated as CR/NCR) in the following session and raise their CGPA to at least 2.0. This opportunity will be provided only once.

Completion Requirements (showing changes)

Program Requirements

The Double Degree program requires the completion of 25.0 credits. 21.5 credits are core program requirements as listed below, and 3.5 further credits are required to complete degree requirements.

NOTES:

1. Students who have taken STAB52H3 and STAB57H3 and then transfer to any other BBA program must also take MGEB12H3 to fulfill the program requirements.

2. A single course may only be used once to fulfill one of the following program requirements.

1. Communications requirement (0.5 credit)
MGTA38H3 Management Communications

2. Management requirements (5.0 credits)
MGAB01H3 Introductory Financial Accounting I
MGAB02H3 Introductory Financial Accounting II
MGAB03H3 Introductory Management Accounting
MGHB02H3 Managing People and Groups in Organizations
MGHA12H3 Human Resource Management
MGHC02H3 Management Skills
MGMA01H3 Principles of Marketing
MGMB01H3 Marketing Management
MGOC10H3 Analysis for Decision-Making
MGOC20H3 Operations Management: A Mathematical Approach

3. Science requirements (9.0 credits)
CSCA08H3 Introduction to Computer Science I
(MATA67H3)/CSCA67H3 Discrete Mathematics
CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics
MATA22H3 Linear Algebra I for Mathematical Sciences
MATA31H3 Calculus I for Mathematical Sciences
MATA37H3 Calculus II for Mathematical Sciences
MATB24H3 Linear Algebra II
MATB41H3 Techniques of the Calculus of Several Variables I
MATB42H3 Techniques of the Calculus of Several Variables II
MATB44H3 Differential Equations I
MATB61H3 Linear Programming and Optimization
MATC46H3 Differential Equations II
STAB52H3 An Introduction to Probability
STAB57H3 An Introduction to Statistics
STAC62H3 Probability and Stochastic Processes I
STAC67H3 Regression Analysis
STAD37H3 Multivariate Analysis
STAD57H3 Time Series Analysis

4. Economics requirements (2.0 credits)
MGEA02H3 Introduction to Microeconomics: A Mathematical Approach
MGEA06H3 Introduction to Macroeconomics: A Mathematical Approach
MGEB02H3 Price Theory: A Mathematical Approach
MGEB06H3 Macroeconomic Theory and Policy: A Mathematical Approach

5. Finance requirements (3.0 credits)
MGFB10H3 Principles of Finance
MGFC10H3 Intermediate Finance
[MGFC30H3 Introduction to Derivatives Markets or STAB41H3 Financial Derivatives]
MGFC35H3/(MGFD10H3) Investments
STAC70H3 Statistics and Finance I
STAD70H3 Statistics and Finance II

6. At least four courses (2.0 credits) from:
MGEC71H3 Money and Banking
MGFC20H3 Personal Financial Management
MGFC45H3 Portfolio Management: Theory & Practice
MGFC50H3 International Financial Management
MGFC60H3 Financial Statement Analysis & Security Valuation
MGFD15H3 Private Equity
MGFD25H3 Financial Technologies and Applications (FinTech)
MGFD30H3 Risk Management
MGFD40H3 Investor Psychology and Behavioural Finance
MGFD50H3 Mergers and Acquisitions: Theory and Practice
MGFD60H3 Financial Modeling and Trading Strategies
MGFD70H3 Advanced Financial Management

Any C- or D- level Finance courses (MGF) and/or MGEC71H3-Money and Banking.

Delivery

Mode of Delivery:[5]	☒ In Person
see note for guidelines on Mode of Delivery policy	☐ Online
	☐ Hybrid

Administrative Information

Publication:	University of Toronto Scarborough - Calendar
Section(s):[6]	Management, Statistics, Double Degree Programs

Proposal Questions - General

Brief Description of the Proposed Changes:[7]	Enrolment Requirements: • Revising the title of "program supervisors" to "Academic Directors." • MATA67H3 has been retired and is marked with brackets to indicate its status. • Bold formatting to subtitle. Completion Requirements: • MATA67H3 has been retired and is marked with brackets to indicate its status. • Adding a second note and reformatting the notes to include numbering. • The removal of the list of courses and titles in requirement #6 and replacing them with a sentence that captures all C and D level courses in the finance area including MGEC71H3.
Rationale:[8]	The titles have been revised from "program supervisors" to "Academic Directors" for consistency. MATA67H3 has been retired and is marked with brackets to indicate its status. As a cross-listed course, it has caused significant confusion among students, so CMS is reverting to a single course code: CSCA67H3. Under program requirements, the subtitle, "CGPA Requirement to Remain in the Double Degree (Specialist Programs)" was bolded for consistency. Adding the second note under Program Requirements clarifies that each course may only be used once, which aligns with the change to include a list of courses in Requirement #6. This statement also ensures consistency between the Double Degree and all other BBA programs. Additionally, the notes are now numbered for clarity, as there is more than one. Course offerings in Finance have increased over time, which generally triggers new curriculum proposals. The proposed change to requirement #6 will allow all finance electives to fulfill this specific program requirement. The advantage of using a general statement is that when the area introduces any new courses, they will automatically be included in this requirement. This will eliminate the need for updated proposals every year, decrease inefficiencies and provide a larger diverse pool of courses for students to choose from. In addition, the proposed change does not affect the learning outcomes of the program.

Impact:[9]	Students will have a greater variety of courses to choose from to complete their degree. This is important when some courses are filled up, as it provides several options for the students to use.
Consultation:[10]	CMS DCC approved on September 10, 2024 Management DCC approved on September 20, 2024 Registrar's Office (Lindsey Taylor) February 28, 2025

Resources

Resource Implications:[11]	none

Program Record Attachments

Additional Program Documents:[12]	N/A

Template Notes & Guidelines

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[1] Please select the session and year the new program will become available to students. Normally this will be the Fall term of the upcoming academic year (i.e. Fall 2023).

[2] Changing the title of a program has university-wide implications. If you are proposing a change to the title of your program, you must report this to the Academic Programs Officer via email as early as possible.

[3] If the program will now be offered in association with another University of Toronto Division, enter the name of the Division. Bear in mind that you will be adding that Division to the workflow.

[4] Programs do not typically move from one academic unit to another. If this is the type of change you want to make you must discuss it in advance with the Academic Programs Officer.

[5] Academic units MUST select one mode of delivery. Please see the Mode of Delivery Guidelines for more information. If you select more than one Mode of Delivery (if the course has different sections offered in different modes, for example) please explain why in the Rationale field below.

- "In Class" = The majority of instruction is delivered in-class (e.g. lectures, seminar discussion, midterms etc.). In-class courses may include some online elements (e.g. flipped classroom tools, online discussion boards, online office hours).

- "Online" = All of the instructional interaction occurs without the student and instructor being in the same physical location. When a course is delivered predominantly online, assessments are normally also conducted and submitted online.

- "Hybrid" = is designed such that face-to-face teaching time is reduced, but not eliminated. A course is considered to be hybrid if at least one-third of scheduled class time is replaced by online activities. Assessments for hybrid courses may be conducted in-person and/or online.

[6] Note that normally the Calendar Section(s) will NOT change. If you are seeking to move the program to another section of the Calendar, you must discuss this in advance with the Programs and Curriculum Coordinator before including the updated Calendar Section(s) here.

[7] Please briefly describe each change you are making to your program. For example:

1. In the Enrolment Requirements, the CGPA requirement increases from 2.5 to 2.65.

2. In Component 1 of the Program Requirements: students will complete either XYZB75H3 or XYZB76H3, not both. The total requirements for this component decreases from 1.5 to 1.0 credit.

3. In the First Year Component of the Program Requirements: XYZC51H3 is being added/deleted as an optional course.

[8] The rationale must *concisely* and *accurately* address all of the changes you've proposed and why. If you describe more than one change in the "Brief Description of the Proposed Changes," please organize your response in the rationale to follow the same order. For example:

1. The CGPA requirement has been increased to 2.65 because…

2. Students will complete either XYZB75H3 or XYZB76H3, rather than both, because…

3. XYZC51H3 has been added/deleted as an optional course because…

[9] Describe any impact the changes will have on students or on other academic units. If there will be no impact, say "None."

[10] Describe the consultation regarding the program changes, including both internal consultation and consultation outside of the academic unit responsible for the program. You MUST include the date on which the proposal was approved by your DCC. Note that all proposals must involve some degree of consultation, even it if is only within the academic unit. It is never valid to leave the consultation field empty, or respond "N/A."

[11] Describe any impact the proposed changes will have on resources and indicate how the unit plans to manage them. If there will be no impact on resources, say "None."

[12] You can attach any supporting documents relevant to the standing record of the program here. Note that this field is distinct from the Additional Proposal Documents field, which is not used.

Minor Modification to Undergraduate Program Proposal

This template can be used to draft proposals for minor modifications to existing undergraduate programs. When the proposal is ready, input the final content into Curriculum Manager (CM) to submit for governance review. For access to CM, or if you have any questions, contact your department administrator or the Programs & Curriculum team in the Dean's Office.

- Additional guidelines for each field are provided as endnotes.
- Some fields have been pre-filled with default options where they apply to all programs.
- This template includes only fields relevant for minor modifications to UTSC programs. Additional fields that appear in CM should be left blank or unchanged.
- For major modifications or program closures, templates are available from the Office of the Vice Provost, Academic Programs

Jump to Section in this form:

Responsibility   Administrative Information
Governance Routing   Proposal Questions - General
Content & Program Requirements   Resources
Delivery   Program Record Attachments

Version Start Session:[1]	Fall 2025
e.g. Fall 2025	

Existing Program Title:	DOUBLE DEGREE: HONOURS BA, SPECIALIST PROGRAM IN ENGLISH / HONOURS BSc, SPECIALIST PROGRAM IN PSYCHOLOGY
New Program Title:[2]	
Level of Instruction:	☒ Undergraduate
Program Type:	☒ Subject

Responsibility

Division:[3]	University of Toronto Scarborough
Unit(s):[4]	English, Psychology

Governance Routing

Proposal Divisional Review	☒ This proposal requires full divisional review (*default*)

Content & Program Requirements

Step 1: Copy and paste the existing Calendar entry from CM into the boxes below.

Step 2: Show all the changes being made; please do not use track changes:

- Use "~~Strikethrough~~" and <mark>yellow highlighting</mark> to show deleted copy.
- Add all new copy in red.

Program Description (showing changes)

Admission Requirements (if applicable; showing changes)

Enrolment Requirements (showing changes)

Enrolment in the Double Degree is limited. <mark>~~Students may apply after completing a minimum of 4.0 credits including ENGA01H3, ENGA02H3, PSYA01H3 and PSYA02H3. A final grade of at least 75% is required in each of PSYA01H3 and PSYA02H3.~~</mark>

Admission will require:

(a.) completion of any Grade 12 U/M high school math course or equivalent (or successful completion of the UTSC Online Mathematics Preparedness Course or equivalent), and
(b.) completion of Grade 12 U/M high school biology or equivalent (or BIOA12H3 or equivalent), and
(c.) completion of a minimum of 4.0 credits, including ENGA01H3, ENGA02H3, PSYA01H3, and PSYA02H3, and
(d.) a final grade of 75% or higher in both PSYA01H3 and PSYA02H3.

Students should apply to the program before they have completed 7.5 credits; however, students who have completed between 7.5 and 10.0 credits may apply to the program on a case-by-case basis by petitioning the program supervisor. Students who have completed more than 10.0 credits may not apply to the program. Application for admission will be made to the Office of the Registrar through ACORN in March/April and June/July.

Completion Requirements (showing changes)

Program Requirements

This program requires the completion of 25.0 credits, including at least 7.0 credits at the C-level and at least 3.5 credits at the D-level.

Psychology Courses (10.5 credits)

1. Introduction to Psychology (1.0 credit):

PSYA01H3 Introduction to Biological and Cognitive Psychology

PSYA02H3 Introduction to Clinical, Developmental, Personality and Social Psychology

2. Laboratory Methods (1.5 credits):

PSYB70H3 Methods in Psychological Science

PSYC70H3 Advanced Research Methods Laboratory

and 0.5 credit from among the following:

- ~~PSYC06H3 Psychophysiology Laboratory~~

- PSYC71H3~~/(PSYC11H3)~~ Social Psychology Laboratory

- PSYC72H3~~/(PSYC26H3)~~ Developmental Psychology Laboratory

- PSYC74H3~~/(PSYC05H3)~~ Human Movement Laboratory

- PSYC75H3~~/(PSYC58H3)~~ Cognitive Psychology Laboratory

- PSYC76H3~~/(PSYC04H3)~~ Brain Imaging Laboratory

3. Statistical Methods (1.0 credit):

PSYB07H3 Data Analysis in Psychology

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

4. PSYC02H3 Scientific Communication in Psychology (0.5 credit)

5. PSYC01H3/(PSYC85H3) History of Psychology (0.5 credit)

6. Breadth in Psychology at the B-level and C-level (~~4.5~~4.0 credits):

Students are required to take 2.5 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

Students are required to take 2.0 credits at the B- or C-level from each of the content groups listed below:

(a) Social and Developmental (PSY courses listed in the 10- and 20-series)

(b) Perception, Cognition and Physiology (PSY courses listed in the 50- and 60-series)

7. Seminars in Psychology at the D-level (1.0 credit):

Students must take 0.5 credit from each grouping below:

(a) Social and Developmental (PSY courses listed in the 10- and 20-series)

(b) Perception, Cognition and Physiology (PSY courses listed in the 50- and 60-series)

8. Additional 0.5 1.0 credit in Psychology at the B- or C-level (0.5 1.0 credit).
Of the 1.0 credit, at least 0.5 credit must be at the C-level. Supervised study courses [PSYC90H3 *or* PSYC93H3] may be used to fulfill a maximum of 0.5 credit.

English Courses (10.0 credits)

Of the 10.0 credits, at least 3.0 credits must be at the C-level and 1.5 credits at the D-level.

1. All of the following (2.5 credits):

ENGA01H3 What is Literature?

ENGA02H3 Critical Writing About Literature

ENGB27H3 Charting Literary History I

ENGB28H3 Charting Literary History II

ENGC15H3 Introduction to Literary Theory and Criticism

2. 1.0 additional credits from courses whose content is pre-1900 (1.0 credit)

*See the English Course List for pre-1900 courses

3. 0.5 additional credit in Indigenous Literatures of Turtle Island (0.5 credit)

*See the English Course List for courses in Indigenous Literatures of Turtle Island

4. 0.5 credit in Canadian Literature (0.5 credit)

*See the English Course List for courses in Canadian Literature

5. 5.5 additional credits in ENG or FLM courses (5.5 credits)

Notes:

(1.) Students may count no more than one of the following courses towards the Specialist requirements: ENGB35H3 Children's Literature, (ENGB36H3) Detective Fiction, (ENGB41H3) Science Fiction.

(2.) The following courses do not count towards any English programs: ENG100H, ENG185Y.

Additional Psychology/English Courses (2.0 credits)

Students must complete a further 2.0 credits. Courses selected to complete this component can be in either English or Psychology or a combination of the two.

1. 1.0 credit at the C- or D-level in PSY and/or ENG courses

2. Capstone Requirement (1.0 credit)

Students must choose one of the options listed below:

ENGD26Y3 Independent Studies in Creative Writing: Poetry

ENGD27Y3 Independent Studies in Creative Writing: Prose

ENGD28Y3 Independent Studies in Creative Writing: Special Topics

ENGD98Y3 Senior Essay and Capstone Seminar

PSYD98Y3 Thesis in Psychology

Delivery

Mode of Delivery:[5] see note for guidelines on Mode of Delivery policy	☒ In Person ☐ Online ☐ Hybrid

Administrative Information

Publication:	University of Toronto Scarborough - Calendar
Section(s):[6]	English, Psychology, Double Degree Programs

Proposal Questions - General

Brief Description of the Proposed Changes. Please number each change being proposed:[7]	1. Enrollment Requirements: Adding Grade 12 math and biology to the enrollment requirements, for consistency with the regular Psychology Specialist
	2. Psychology Completion Requirements:
	- Removing retired PSYC04, PSYC05, PSYC06, PSYC11, PSYC26, PSYC58, from Req 2 - Renumbering PSYC85H3 to PSYC01H3 in Req 5 - Shifting 0.5 credit weight from Req 6 to Req 8 - Adding information about research courses in Req 8
Rationale. Each change must have a rationale:[8]	1. Grade 12 math and biology we added to the enrollment requirements of the Psychology Specialist a few years ago. These requirements should also have been included with the Double Degree, but were missed due to oversight. They have now been included.
	2. Psychology Completion Requirements:
	- Lab courses PSYC04, C05, C06, C11, C58, and C76 have been retired for more than five years. We will remove the mention of these retired courses in order to de-clutter the program.
	- The 80-series of the PSY courses is now being used for courses in applied psychology. PSYC85 does not fit into this category, so the department is moving it to the 00-series with other general PSY courses (research methods, statistics, etc.)
	- As the department expand their offerings in the 80-series "applied psychology" courses, they want to provide students with more flexibility to take these courses and have them count toward program requirements. By shifting 0.5 credits from Requirement 6 (which limits students to taking courses from the 10-20-50-60-series) to Requirement 8 (all PSY courses), students have more flexibility in their course selection. This may also alleviate some enrollment pressure on our 10-20-series courses, which often have long waitlists.
	- Only 0.5 credits of the department's research courses can count toward the "additional PSY" program requirement. Now that there has been an increase the "additional PSY" requirement to 1.0 credit weight, the department needs to add a note to specify that only 0.5 credits from the research courses may count here.
Impact:[9]	

Consultation:[10]	DCC Approval (PSY): Oct 10, 2024
	English Department approval (Kara Gaston) Oct 23, 2024
	Consultation with RO (Shelby V.): Feb 3, 2025

Resources

Resource Implications:[11]	None

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