

## Technology Management minor

\*2019-2020 - UG - Minor Program Adjustment

### (A) Proposal summary

Home faculty\*

Faculty of Business and Information Technology

Summary of proposed changes\*

The changes to the Technology Management minor will better align with the B Comm Technology Management Major. The addition of the core courses BUSI 2500U and INFR 1100U emphasize both theoretical and experiential learning. BUSI 2550U and BUSI 3040U are being removed as core courses.

Is a new course associated with this proposal?\*

Yes  
 No

Are you modifying a pathways program?\*

Yes  
 No

Effective semester\*

Fall 2019

Are you attaching any supporting documents?\*

Yes  No

### (B) Program information

Program or shared core name\*

Technology Management minor

Program type

Minor

Degree type

Minors

Program or shared core description

Calendar copy\*

General information

The Technology Management minor is available to students in UOIT's Bachelor of Commerce programs. The Bachelor of Commerce (Honours) degree with a Technology Management minor requires a minimum of 18 credit hours in technology management courses. Students must complete four technology management core courses and a minimum of two technology management elective courses.

## Admission requirements

Students can apply to have Technology Management minor added to their program in the winter semester of their second year in the program. Admission is competitive and based on performance in the program, as well as previous business courses. Students must have a minimum 2.3 GPA (C+ average on a 4.3 scale) to be considered as well as at least a C+ in [BUSI 1520U – Business Computer Applications](#). Students will be notified by their academic advisor by the end of June in their second year if they are accepted into their desired minor program.

## Technology Management minor core courses

~~BUSI 2550U Introduction to Project Management~~  
~~BUSI 3040U Information Systems~~

[BUSI 2500U Business Simulation and Analytics](#)  
 BUSI 3504U Database and Business Intelligence  
 BUSI 3550U Systems Analysis and Design  
[INFR 1100U Introduction to Programming](#)

## Technology Management minor electives (two required)

[Please see your academic advisor for a list of Technology Management elective courses.](#)

~~BUSI 3330U The Management of Change~~  
~~BUSI 3670U Risk Management Frameworks and Processes~~  
~~BUSI 4570U Strategic Information Technology Management~~  
~~BUSI 4590U Topics in Informatics~~  
~~INFR 2600U Introduction to Computer Security~~  
~~INFR 4680U IT Security Policies and Procedures~~

Program learning  
outcomes

### (C) Pathways programs

Proposed transfer  
credit block

### (D) Detailed proposal information

**Enhanced academic opportunities\*** By offering the new courses, students will have the opportunity to enhance their technical and experiential learning.

**Financial/resource implications\*** N/A

**Enrolment implications\*** N/A

**Transition plan\*** N/A

**Additional supporting information, if applicable**

### (E) Impact and consultation

**Does this change include any indigenous content?\***  Yes  No

**We have consulted with all impacted areas\***  Yes  N/A

**Consultation\*** N/A

# BUSI - 2500U - Business Simulation and Analytics

\*2019-2020 - UG - New Course

## (A) Proposal summary

Home faculty\*

Faculty of Business and Information Technology

This new course is associated with the following:\*

- A Minor Program Adjustment  
 A Major Program Modification  
 A New Program  
 None of the above

Will this new course appear anywhere other than the course description section of the calendar?\*

Yes  No

Program(s) impacted\*

Bachelor of Commerce - Technology Management Major

Bachelor of Information Technology - Technology Management Major

Bachelor of Commerce - Technology Management Minor

Effective semester\*

Fall 2019

Are you attaching any supporting documents?\*

Yes  No

## (B) Course information

Course subject code\*

BUSI

Course number\* 2500U

Course title (long form)\*

Business Simulation and Analytics

Subject area\*

Information Technology

**Course description\*** Functional business areas such as Finance, Accounting, Production Planning, Procurement, Logistics, Marketing, and Sales are coordinated using Enterprise Resource Planning (ERP) systems. This course introduces students to the concept of integration within an organization. Using an experiential approach, this course will provide students hands-on training in the use of tools, such as SAP, an industry leader in ERP.

**Credit hours\*** 3

**Lecture hours** 3

**Lab hours** 3

**Tutorial hours**

**Other hours**

**Cross-listing(s)**

**Prerequisite(s)** BUSI 1600U

**Prerequisite(s)  
for Banner**

**Corequisite(s)**

**Prerequisite(s)  
with concurrency**

**Credit  
restriction(s)**

**Is the credit  
restriction an  
equivalent  
course?**

**Recommended**

**Course  
restrictions**

**Course type\***  Core  Elective

**Is the course  
undergraduate or  
professional?\***  Undergraduate  Professional

**Grade mode\***  N (normal alpha grades)  P (pass/fail grade)

**CLS (in-class  
delivery)\***  Yes  No

**HYB (in-class and  
online delivery)\***  Yes  No

**IND (individual  
studies)\***  Yes  No

**OFF (off-site)\***  Yes  No

**WB1 (virtual  
meet time -  
synchronous)\***  Yes  No

**WEB (fully online  
- asynchronous)\***  Yes  No

N/A (not applicable)\*  Yes  No

**Teaching and assessment methods\*** Assessment will consist of Team Performance/Ranking, Simulation reflection analysis, Team presentation, and Final exam.

**Course learning outcomes\*** Students will learn to:

- Understand how business processes are integrated across different functional areas
- Execute entire processes in sales, procurement, production, and logistics
- Be able to extract and analyze meaningful information from enterprise systems data
- Use analytics to predict consequences of decisions on pricing, production, and sales in a competitive market
- Understand how the cost of capital, debt, and earnings affect firm valuation
- Prepare and deliver impactful presentations that are persuasive and concise
- Be able to apply Design Thinking approaches to create management dashboards
- Prepare and integrate different data sources for analytics
- Choose appropriate data visualization tools for data storytelling
- Work in teams and develop personal and group resilience skills
- Explain holistically how people, processes, products and information systems contribute to success or failure of business performance

### (C) Impact and consultation

**Does this course contain any indigenous content?\***  Yes  No

**We have consulted with all impacted areas\***  Yes  N/A

**Consultation\*** N/A

### (D) Financial implications

Financial  
implications\* N/A