

OFFICE OF THE FACULTY COUNCIL CHANGE TO EXISTING DEGREE or CERTIFICATE PROPOSAL FORM

Faculty-level Curriculum Committee Submission Deadlines & Details

Fall Winter 2018-19, Summer 2019 Academic Sessions

June 1, 2017 Complete proposal package for all proposal types

October 15, 2017 Complete proposal package for New Course proposals and Changes to Existing Courses

Early submissions are welcome and appreciated. Incomplete and late proposals may not be processed in time for the requested academic session.

Proposal packages include the proposal form, a library statement, and consultation form (if applicable).

New: Submit your proposal using the new [online submission form](#).

NOTE: A Change to Existing Degree/Certificate proposal is required if a new course is to be coded as a program requirement in the course repository and included in as a Degree Requirement in the official undergraduate Academic Calendar.

Prior to completing this form, proponents are asked to consult Kathryn Doyle, Faculty Curriculum Manager, doyleka@yorku.ca, for definitions of major versus minor modifications.

Completed Submission Deadline: [Click here to enter a date.](#)

Department:	<input type="text" value="School of Administrative Studies"/>	Contact:	<input type="text" value="Aaida Mamuji"/>
Degree/Certificate Title:	<input type="text" value="Disaster& Emergency Management"/>		
Stream (if applicable):	<input type="text" value="BDEM (Specialization, Majors and Minor)"/>		
Effective Session for Change:	Term: (e.g., Fall; Winter; Summer)	<input type="text" value="Fall"/>	Year: <input type="text" value="2019"/>

Minor Change Description: (e.g. what is the change requested, what does this change mean for the degree, certificate, etc.):

The proposed changes to the calendar for the BDEM (Honours, Major and Minor) consist of the addition of DEMS 1701 as a core course, and additional courses that students can select from. It also rearranges the way the courses appear – rather than being divided according to third and fourth year, we are suggesting a division based on DEMS vs. non-DEMS courses.

Academic Rationale for Change:

The undergraduate programs in Disasters and Emergency Management are relatively new. The CPR for the program was recently concluded and in response to some of the suggestions, the School and the area has performed a comprehensive revision. The Degree level expectations, program learning objectives and degree requirements and assessments remain the same due to the nature of the changes made. The revision resulted in the following set of changes:

- 1) A new introductory course has been developed to better introduce students to the broad concepts in the field. AP/DEMS1701 Disaster Case Studies cross listed AP/ADMS1701;
- 2) As a result of having the new rubric DEMS, major credits are divided into required core courses, DEMS courses and non DEMS courses related to disasters and emergency topics;
- 3) The Bachelor of Disaster and Emergency Management (BDEM) Specialized Honours had 57 Cr in the major and now has 66 (used to have 24 Cr of free choice, now has 15 Cr);
- 4) The Bachelor of Disaster and Emergency Management (BDEM) Honours had 48 Cr in the major and now has 57 (used to have 33 Cr of free choice, now has 24 Cr);
- 5) The Bachelor of Disaster and Emergency Management (BDEM) Double Major had and continues to have 48 Cr in the major;
- 6) The Bachelor of Disaster and Emergency Management (BDEM) Ordinary had 33 Cr in the major and now has 51 Cr (used to have 18 Cr of free choice, now has none);
- 7) **The Bachelor of Disaster and Emergency Management (BDEM) Major Minor has been removed from the calendar and is a version of the program that can be retired;**
- 8) The Minor in Disaster and Emergency Management had and continues to require 33 Cr;
- 9) All BDEM programs continue to require 21 Cr of general education and 18 Cr outside the major, any course on top of those 18 Cr are identified as 'free choice'.

Please note: the Committee on Curriculum, Curricular Policy and Standards requires that degree or certificate requirements, as listed in the Undergraduate Calendar ([click here](#)), be included below in their entirety.

Please **denote additions in bold, blue, underlining, and strikethrough for deletions.**

Existing Calendar Copy (Change From):	Proposed Calendar Copy (Change To):
Example: Delete this text.	Example: <u>Add</u> this text. The Bachelor of Disaster & Emergency Management (BDEM) degree program is offered as: <ul style="list-style-type: none">• Specialized Honours BDEM: 120 Credits• Honours BDEM: 120 Credits• Honours Double Major BDEM: 48 Credits• Honours Minor: 33 Credits• BDEM: 90 Credits Students will complete a specified number of courses in three categories: 1) required core courses ; 2) DEM courses ; and 3) non-DEM courses , unless otherwise specified, in addition to the general education requirements where indicated.
Specialized Honours BDEM: 120 Credits	Specialized Honours BDEM: 120 Credits
Note: students are required to have completed one 4U mathematics (MDM4U Mathematics of Data Management or MHF4U Advanced Functions) or equivalent prior to entry to the	Note: students are required to have completed one 4U mathematics (MDM4U Mathematics of Data Management or MHF4U Advanced Functions) or equivalent prior to entry to the

program. Students transferring into the program must have a minimum grade point average of 5.00.

Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University.

Graduation requirement: students must successfully complete the required 120 credits with a minimum overall cumulative grade point average of 5.00 and a major grade point average of 5.50.

General education: a minimum of 21 general education credits as follows:

- 6.00 credits in natural science (NATS)
- a 9.00 credit approved general education course in the social science or humanities categories
- a 6.00 credit approved general education course in the opposite category to the 9.00 credit course in social science or humanities already taken

Major credits: ~~57~~ credits in total including:

- AP/ADMS 1000 3.00 Introduction to Business;
- AP/DEMS 2700 3.00 Fundamentals of Emergency Management;
- AP/ADMS 2320 3.00 Quantitative Methods I;
- AP/ADMS 2400 3.00 Introduction to Organizational Behaviour;
- AP/DEMS 3701 3.00 Disaster Risk Management;
- AP/DEMS 3702 3.00 Comprehensive Emergency Management;
- AP/DEMS 3703 3.00 Business Continuity Planning;
- AP/DEMS 3704 3.00 Emergency Management Communications;
- AP/DEMS 3707 3.00 Ethics and Disasters;
- AP/ADMS 4421 3.00 Qualitative Methods;
- AP/HRM 3400 3.00 Occupational Health and Safety (cross-listed to: AP/ADMS 3400 3.00, HH/HLST 3240 3.00);

program. Students transferring into the program must have a minimum grade point average of 5.00.

Note: Students are recommended to consider, when choosing their 21 general education credits, the following course: AP/HIST 1777 6.00 Disasters and History: How Humans and Nature make Disasters.

Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University.

Graduation requirement: students must successfully complete the required 120 credits with a minimum overall cumulative grade point average of 5.00 and a major grade point average of 5.50.

General education: a minimum of 21 general education credits as follows:

- 6.00 credits in natural science (NATS)
- a 9.00 credit approved general education course in the social science or humanities categories
- a 6.00 credit approved general education course in the opposite category to the 9.00 credit course in social science or humanities already taken

Major credits: 66 credits in total including -

39 required credits:

- AP/ADMS 1000 3.00 Introduction to Business;
- AP/DEMS 1701 3.00 Disaster Case Studies (cross-listed AP/ADMS1701 3.00); AP/DEMS 2700 3.00 Fundamentals of Emergency Management (cross-listed AP/ADMS2700 3.00);
- AP/ADMS 2320 3.00 Quantitative Methods I
- AP/ADMS 2400 3.00 Introduction to Organizational Behaviour or AP/ADMS 2600 3.00 Human Resources Management (prerequisite for HRM 3440)
- AP/DEMS 3701 3.00 Disaster Risk Management (cross-listed AP/ADMS3701 3.00);
- AP/DEMS 3702 3.00 Comprehensive Emergency Management (cross-listed AP/ADMS3702 3.00);
- AP/DEMS 3703 3.00 Business Continuity Planning (cross-listed AP/ADMS3703 3.00);
- AP/DEMS 3704 3.00 Emergency Management Communications (cross-listed AP/ADMS3704 3.00);
- AP/DEMS 3707 3.00 Ethics and Disasters (cross-listed AP/ADMS3707 3.00);
- AP/DEMS 4721 3.00 Qualitative Methods (cross-listed AP/ADMS4721 3.00);

- LE/ESSE 1410 6.00 Natural, Technological and Human-induced Disasters.

- LE/ESSE 1410 6.00 Natural, Technological and Human-induced Disasters

Nine additional credits from the following:

- AP/DEMS 3705 3.00 Emergency Management: Field Experience;
- AP/DEMS 3706 3.00 Disasters and Humans;
- AP/DEMS 3708 3.00 Social Issues in Disaster Management;
- AP/GEOG 3340 3.00 Geoinformatics: GIS I (cross-listed to: SC/GEOG 3340 3.00);
- AP/HRM 3440 3.00 Leadership and Management Skills (cross-listed to: AP/ADMS 3440 3.00);
- AP/POLS 3195 3.00 Multilevel Governance, Policy and Program Delivery in Canada (cross-listed to: AP/HREQ 3140 3.00, AP/PPAS 3140 3.00);
- ES/ENVS 3450 3.00 Environment and Health: Social and Political Dimensions;
- LE/ESSE 3300 3.00 Geographical Information Systems (GIS) and Spatial Analysis.

Nine additional credits from the following:

- AP/DEMS 4704 3.00 Disasters and Logistics;
- AP/DEMS 4705 3.00 Comprehensive Emergency Management 2;
- AP/DEMS 4707 3.00 CI Risk;
- AP/DEMS 4708 3.00 Disaster/Emergency Management Seminar;
- AP/DEMS 4709 3.00 Terrorism: The New Threat;
- ES/ENVS 4440 3.00 Environmental Disasters;
- LE/ESSE 4400 3.00 Geographical Information Systems (GIS) and Data Integration.

Note: at least 12 credits in the major must be completed at the 4000 level.

Upper-level credits: at least 36 credits at the 3000 or 4000 level, including at least 18 credits at the 4000 level.

Credits outside the major: 18 credits.

[At least 15 additional DEMS credits as listed in item i\) of the Appendix.](#)

[To complete the credits in the major students must select up to 12 credits from Non-DEMS courses as listed in item ii\) of the Appendix.](#)

Note: at least 12 credits in the major must be completed at the 4000 level.

Upper-level credits: at least 36 credits at the 3000 or 4000 level, including at least 18 credits at the 4000 level level.

Credits outside the major: 18 credits

Honours BDEM: 120 Credits

Note: students are required to have completed one 4U mathematics (MDM4U Mathematics of Data Management or MHF4U Advanced Functions) or equivalent prior to entry to the program. Students transferring into the program must have a minimum grade point average of 5.00.

Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University.

Graduation requirement: students must successfully complete the required 120 credits with a minimum overall cumulative grade point average of 5.00 and a major grade point average of 5.50.

General education: a minimum of 21 general education credits as follows:

- 6.00 credits in natural science (NATS)
- a 9.00 credit approved general education course in the social science or humanities categories
- a 6.00 credit approved general education course in the opposite category to the 9.00 credit course in social science or humanities already taken

Major credits: 48 credits including:

- [AP/ADMS 1000 3.00](#) Introduction to Business;
- [AP/DEMS 2700 3.00](#) Fundamentals of Emergency Management;
- [AP/ADMS 2320 3.00](#) Quantitative Methods I;
- [AP/ADMS 2400 3.00](#) Introduction to Organizational Behaviour;
- [AP/DEMS 3701 3.00](#) Disaster Risk Management;
- [AP/DEMS 3702 3.00](#) Comprehensive Emergency Management;
- [AP/DEMS 3703 3.00](#) Business Continuity Planning;
- [AP/DEMS 3704 3.00](#) Emergency Management Communications;
- [AP/DEMS 3707 3.00](#) Ethics and Disasters;
- [AP/ADMS 4424 3.00](#) Qualitative Methods;

Honours BDEM: 120 Credits

Note: students are required to have completed one 4U mathematics (MDM4U Mathematics of Data Management or MHF4U Advanced Functions) or equivalent prior to entry to the program. Students transferring into the program must have a minimum grade point average of 5.00.

Note: [Students are recommended to consider, when choosing their 21 general education credits, the following course: AP/HIST 1777 6.00 Disasters and History: How Humans and Nature make Disasters.](#)

Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University.

Graduation requirement: students must successfully complete the required 120 credits with a minimum overall cumulative grade point average of 5.00 and a major grade point average of 5.50.

General education: a minimum of 21 general education credits as follows:

- 6.00 credits in natural science (NATS)
- a 9.00 credit approved general education course in the social science or humanities categories
- 6.00 credit approved general education course in the opposite category to the 9.00 credit course in social science or humanities already taken

Major credits: **57** credits including -

[39 required credits:](#)

- [AP/ADMS 1000 3.00](#) Introduction to Business;
- [AP/DEMS 1701 3.00 Disaster Case Studies;](#)
- [AP/DEMS 2700 3.00](#) Fundamentals of Emergency Management;
- [AP/ADMS 2320 3.00](#) Quantitative Methods I
- [AP/ADMS 2400 3.00](#) Introduction to Organizational Behaviour or [AP/ADMS 2600 3.00 Human Resources Management \(prerequisite for HRM 3440\)](#)
- [AP/DEMS 3701 3.00](#) Disaster Risk Management;
- [AP/DEMS 3702 3.00](#) Comprehensive Emergency Management;
- [AP/DEMS 3703 3.00](#) Business Continuity Planning;
- [AP/DEMS 3704 3.00](#) Emergency Management Communications;
- [AP/DEMS 3707 3.00](#) Ethics and Disasters;

- LE/ESSE 1410 6.00 Natural, Technological and Human-induced Disasters.

Three additional credits from the following:

- AP/DEMS 3705 3.00 Emergency Management: Field Experience;
- AP/DEMS 3706 3.00 Disasters and Humans;
- AP/DEMS 3708 3.00 Social Issues in Disaster Management;
- AP/GEOG 3340 3.00 Geoinformatics: GIS I (cross-listed to: SC/GEOG 3340 3.00);
- AP/HRM 3440 3.00 Leadership and Management Skills (cross-listed to: AP/ADMS 3440 3.00);
- AP/POLS 3195 3.00 Multilevel Governance, Policy and Program Delivery in Canada (cross-listed to: AP/HREQ 3140 3.00, AP/PPAS 3140 3.00);
- ES/ENVS 3450 3.00 Environment and Health: Social and Political Dimensions;
- LE/ESSE 3300 3.00 Geographical Information Systems (GIS) and Spatial Analysis.

Nine additional credits from the following:

- AP/DEMS 4704 3.00 Disasters and Logistics;
- AP/DEMS 4705 3.00 Comprehensive Emergency Management 2;
- AP/DEMS 4707 3.00 CI Risk;
- AP/DEMS 4708 3.00 Disaster/Emergency Management Seminar;
- AP/DEMS 4709 3.00 Terrorism: The New Threat;
- ES/ENVS 4440 3.00 Environmental Disasters;
- LE/ESSE 4400 3.00 Geographical Information Systems (GIS) and Data Integration.

Note: at least 12 credits in the major must be at the 4000 level.

Upper-level credits: at least 36 credits at the 3000 or 4000 level, including at least 18 credits at the 4000 level.

Credits outside the major: 18 credits.

Honours Double Major BDEM

The Honours BDEM program described above may be pursued jointly with approved Honours Double Major degree programs in the Faculties of Environmental Studies, Health, Liberal Arts and Professional Studies, or Science, the School of the Arts, Media, Performance and Design, or the Lassonde School of

- AP/ [DEMS 4721 3.00](#) Qualitative Methods;
- LE/ESSE 1410 6.00 Natural, Technological and Human-induced Disasters

[At least 12 additional DEMS credits as listed in item i\) of the Appendix.](#)

[To complete the credits in the major students must select up to 6 credits from Non-DEMS courses as listed in item ii\) of the Appendix.](#)

Note: at least 12 credits in the major must be at the 4000 level.

Upper-level credits: at least 36 credits at the 3000 or 4000 level, including at least 18 credits at the 4000 level.

Credits outside the major: 18 credits.

Engineering. For further details on requirements, refer to the listings for specific Honours programs that may be pursued jointly with other Faculties. Students wishing to combine a major in disaster and emergency management with a minor in another discipline or field of study must follow the requirements below. (This Honours option does not include a stream.)

Notes:

- In a major/minor program, a course may count only once toward major credit or minor credit.
- Students are required to have completed one 4U mathematics (MDM4U Mathematics of Data Management or MHF4U Advanced Functions) or equivalent prior to entry to the program.

Major credits: 48 credits including:

- AP/ADMS 1000 3.00 Introduction to Business;
- AP/DEMS 2700 3.00 Fundamentals of Emergency Management;
- AP/ADMS 2320 3.00 Quantitative Methods I;
- AP/ADMS 2400 3.00 Introduction to Organizational Behaviour;
- AP/DEMS 3701 3.00 Disaster Risk Management;
- AP/DEMS 3702 3.00 Comprehensive Emergency Management;
- AP/DEMS 3703 3.00 Business Continuity Planning;
- AP/DEMS 3704 3.00 Emergency Management Communications;
- AP/DEMS 3707 3.00 Ethics and Disasters;
- AP/ADMS 4421 3.00 Qualitative Methods;
- LE/ESSE 1410 6.00 Natural, Technological and Human-induced Disasters.

Three additional credits from the following:

- ~~AP/DEMS 3705 3.00 Emergency Management: Field Experience;~~
- ~~AP/DEMS 3706 3.00 Disasters and Humans;~~
- ~~AP/DEMS 3708 3.00 Social Issues in Disaster Management;~~
- ~~AP/GEOG 3340 3.00 Geoinformatics: GIS I (cross-listed to: SC/GEOG 3340 3.00);~~
- ~~AP/HRM 3440 3.00 Leadership and Management Skills (cross-listed to: AP/ADMS 3440 3.00);~~
- ~~AP/POLS 3195 3.00 Multilevel Governance, Policy and Program Delivery in Canada (cross-listed to: AP/HREQ 3140 3.00, AP/PPAS 3140 3.00);~~
- ~~ES/ENVS 3450 3.00 Environment and Health: Social and Political Dimensions;~~
- ~~LE/ESSE 3300 3.00 Geographical Information Systems (GIS) and Spatial Analysis.~~

Honours Double Major BDEM

The Honours BDEM program described above may be pursued jointly with approved Honours Double Major degree programs in the Faculties of Environmental Studies, Health, Liberal Arts and Professional Studies, or Science, the School of the Arts, Media, Performance and Design, or the Lassonde School of Engineering. For further details on requirements, refer to the listings for specific Honours programs that may be pursued jointly with other Faculties. Students wishing to combine a major in disaster and emergency management with a minor in another discipline or field of study must follow the requirements below. (This Honours option does not include a stream.)

Notes:

1. In a major/minor program, a course may count only once toward major credit or minor credit.
2. Students are required to have completed one 4U mathematics (MDM4U Mathematics of Data Management or MHF4U Advanced Functions) or equivalent prior to entry to the program.

Major credits: 48 credits including -

39 required credits:

- AP/ADMS 1000 3.00 Introduction to Business;
- **AP/DEMS 1701 3.00 Disaster Case Studies;**
- AP/DEMS 2700 3.00 Fundamentals of Emergency Management;
- AP/ADMS 2320 3.00 Quantitative Methods I
- AP/ADMS 2400 3.00 Introduction to Organizational Behaviour **or AP/ADMS 2600 3.00 Human Resources Management (prerequisite for HRM 3440)**
- AP/DEMS 3701 3.00 Disaster Risk Management;
- AP/DEMS 3702 3.00 Comprehensive Emergency Management;
- AP/DEMS 3703 3.00 Business Continuity Planning;
- AP/DEMS 3704 3.00 Emergency Management Communications;
- AP/DEMS 3707 3.00 Ethics and Disasters;
- **AP/DEMS 4721 3.00** Qualitative Methods;
- LE/ESSE 1410 6.00 Natural, Technological and Human-induced Disasters

Nine additional credits from the following:

- AP/DEMS 4704 3.00 Disasters and Logistics;
- AP/DEMS 4705 3.00 Comprehensive Emergency Management 2;
- AP/DEMS 4707 3.00 CI Risk;
- AP/DEMS 4708 3.00 Disaster/Emergency Management Seminar;
- AP/DEMS 4709 3.00 Terrorism: The New Threat;
- ES/ENVS 4440 3.00 Environmental Disasters;
- LE/ESSE 4400 3.00 Geographical Information Systems (GIS) and Data Integration.

Note: at least 12 credits in the major must be at the 4000 level.

Upper-level credits: at least 36 credits at the 3000 or 4000 level, including at least 18 credits at the 4000 level.

Honours Major/Minor BDEM

The Honours BDEM program described above may be pursued jointly with approved Honours Minor degree programs in the Faculties of Environmental Studies, Health, Liberal Arts and Professional Studies, or Science, the School of the Arts, Media, Performance and Design, or the Lassonde School of Engineering. For further details on requirements, refer to the listings for specific Honours programs that may be pursued jointly with other Faculties. Students wishing to combine a major in disaster and emergency management with a minor in another discipline or field of study must follow the requirements below. (This Honours option does not include a stream.)

Notes:

- In a major/minor program, a course may count only once toward major credit or minor credit.
- Students are required to have completed one 4U mathematics (MDM4U Mathematics of Data Management or MHF4U Advanced Functions) or equivalent prior to entry to the program.

Major credits: 48 credits including:

- AP/ADMS 1000 3.00 Introduction to Business;
- AP/DEMS 2700 3.00 Fundamentals of Emergency Management;
- AP/ADMS 2320 3.00 Quantitative Methods I;
- AP/ADMS 2400 3.00 Introduction to Organizational Behaviour;
- AP/DEMS 3701 3.00 Disaster Risk Management;
- AP/DEMS 3702 3.00 Comprehensive Emergency Management;

At least 9 additional DEMS credits as listed in item i) of the Appendix.

Note: at least 12 credits in the major must be at the 4000 level.

Upper-level credits: at least 36 credits at the 3000 or 4000 level, including at least 18 credits at the 4000 level.

- AP/DEMS 3703 3.00 Business Continuity Planning;
- AP/DEMS 3704 3.00 Emergency Management Communications;
- AP/DEMS 3707 3.00 Ethics and Disasters;
- AP/ADMS 4421 3.00 Qualitative Methods;
- LE/ESSE 1410 6.00 Natural, Technological and Human-induced Disasters.

Three additional credits from the following:

- AP/DEMS 3705 3.00 Emergency Management: Field Experience;
- AP/DEMS 3706 3.00 Disasters and Humans;
- AP/DEMS 3708 3.00 Social Issues in Disaster Management;
- AP/GEOG 3340 3.00 Geoinformatics: GIS I (cross-listed to: SC/GEOG 3340 3.00);
- AP/HRM 3440 3.00 Leadership and Management Skills (cross-listed to: AP/ADMS 3440 3.00);
- AP/POLS 3195 3.00 Multilevel Governance, Policy and Program Delivery in Canada (cross-listed to: AP/HREQ 3140 3.00, AP/PPAS 3140 3.00);
- ES/ENVS 3450 3.00 Environment and Health: Social and Political Dimensions;
- LE/ESSE 3300 3.00 Geographical Information Systems (GIS) and Spatial Analysis.

Nine additional credits from the following:

- AP/DEMS 4704 3.00 Disasters and Logistics;
- AP/DEMS 4705 3.00 Comprehensive Emergency Management 2;
- AP/DEMS 4707 3.00 CI Risk;
- AP/DEMS 4708 3.00 Disaster/Emergency Management Seminar;
- AP/DEMS 4709 3.00 Terrorism: The New Threat;
- ES/ENVS 4440 3.00 Environmental Disasters;
- LE/ESSE 4400 3.00 Geographical Information Systems (GIS) and Data Integration.

Note: at least 12 credits in the major must be at the 4000 level.

Upper-level credits: at least 36 credits at the 3000 or 4000 level, including at least 18 credits at the 4000 level.

Honours Minor

The BDEM Honours Minor in disaster and emergency management may be pursued jointly with any Honours Major degree program offered by the Faculties of Environmental Studies, Health, Liberal Arts and Professional Studies, or Science, the School of the Arts, Media, Performance and

Design, or the Lassonde School of Engineering that offers a major/minor option. Students must complete 33 credits in the minor and at least six credits must be at the 4000 level.

Note: students are required to have completed one 4U mathematics (MDM4U Mathematics of Data Management or MHF4U Advanced Functions) or equivalent prior to entry to the program.

Minor credits: 33 credits including:

- ~~AP/ADMS 1000 3.00 Introduction to Business;~~
- AP/DEMS 2700 3.00 Fundamentals of Emergency Management;
- AP/DEMS 3701 3.00 Disaster Risk Management;
- AP/DEMS 3702 3.00 Comprehensive Emergency Management;
- AP/DEMS 3703 3.00 Business Continuity Planning;
- AP/DEMS 3704 3.00 Emergency Management Communications;
- AP/DEMS 3707 3.00 Ethics and Disasters;
- LE/ESSE 1410 6.00 Natural, Technological and Human-induced Disasters

~~Six additional credits from the following:~~

- ~~AP/ADMS 4421 3.00 Qualitative Methods;~~
- ~~AP/DEMS 4704 3.00 Disasters and Logistics;~~
- ~~AP/DEMS 4705 3.00 Comprehensive Emergency Management 2;~~
- ~~AP/DEMS 4707 3.00 CI Risk;~~
- ~~AP/DEMS 4709 3.00 Terrorism: The New Threat;~~
- ~~ES/ENVS 4440 3.00 Environmental Disasters.~~

BDEM: 90 credits

Note: students are required to have completed one 4U mathematics (MDM4U Mathematics of Data Management or MHF4U Advanced Functions) or equivalent prior to entry to the program. Students transferring into the program must have a minimum grade point average of 5.00.

Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each

Honours Minor

The BDEM Honours Minor in disaster and emergency management may be pursued jointly with any Honours Major degree program offered by the Faculties of Environmental Studies, Health, Liberal Arts and Professional Studies, or Science, the School of the Arts, Media, Performance and Design, or the Lassonde School of Engineering that offers a major/minor option. Students must complete 33 credits in the minor and at least six credits must be at the 4000 level.

Note: students are required to have completed one 4U mathematics (MDM4U Mathematics of Data Management or MHF4U Advanced Functions) or equivalent prior to entry to the program.

Minor credits: 33 credits including -

27 required credits:

- AP/DEMS 1701 3.00 Disaster Case Studies;
- AP/DEMS 2700 3.00 Fundamentals of Emergency Management;
- AP/DEMS 3701 3.00 Disaster Risk Management;
- AP/DEMS 3702 3.00 Comprehensive Emergency Management;
- AP/DEMS 3703 3.00 Business Continuity Planning;
- AP/DEMS 3704 3.00 Emergency Management Communications;
- AP/DEMS 3707 3.00 Ethics and Disasters;
- LE/ESSE 1410 6.00 Natural, Technological and Human-induced Disasters

At least 6 additional DEMS credits as listed in item i) of the Appendix.

BDEM: 90 credits

Note: students are required to have completed one 4U mathematics (MDM4U Mathematics of Data Management or MHF4U Advanced Functions) or equivalent prior to entry to the program. Students transferring into the program must have a minimum grade point average of 5.00.

undergraduate degree program major/minor must be taken at York University.

Graduation requirement: students must successfully complete the required 90 credits with a minimum overall cumulative grade point average of 5.00 and a major grade point average of 5.00.

General education: a minimum of 21 general education credits as follows:

- 6.00 credits in natural science (NATS)
- a 9.00 credit approved general education course in the social science or humanities categories
- a 6.00 credit approved general education course in the opposite category to the 9.00 credit course in social science or humanities already taken

Major credits: 33 credits including:

- AP/ADMS 1000 3.00 Introduction to Business;
- AP/ADMS 2400 3.00 Introduction to Organizational Behaviour;
- AP/DEMS 2700 3.00 Fundamentals of Emergency Management;
- AP/DEMS 3701 3.00 Disaster Risk Management;
- AP/DEMS 3702 3.00 Comprehensive Emergency Management;
- AP/DEMS 3703 3.00 Business Continuity Planning;
- AP/DEMS 3704 3.00 Emergency Management Communications;
- AP/DEMS 3707 3.00 Ethics and Disasters;
- LE/ESSE 1410 6.00 Natural, Technological and Human-induced Disasters.

Three additional credits from the following:

- AP/DEMS 3705 3.00 Emergency Management: Field Experience;
- AP/DEMS 3706 3.00 Disasters and Humans;
- AP/DEMS 3708 3.00 Social Issues in Disaster Management;
- AP/GEOG 3340 3.00 Geoinformatics: GIS I (cross-listed to: SC/GEOG 3340 3.00);
- AP/HRM 3440 3.00 Leadership and Management Skills (cross-listed to: AP/ADMS 3440 3.00);
- AP/POLS 3195 3.00 Multilevel Governance, Policy and Program Delivery in Canada (cross-listed to: AP/HREQ 3140 3.00, AP/PPAS 3140 3.00);
- ES/ENVS 3450 3.00; Environment and Health: Social and Political Dimensions;

Note: Students are recommended to consider, when choosing their 21 general education credits, the following course: AP/HIST 1777 6.00 Disasters and History: How Humans and Nature make Disasters.

Residency requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University.

Graduation requirement: students must successfully complete the required 90 credits with a minimum overall cumulative grade point average of 5.00 and a major grade point average of 5.00.

General education: a minimum of 21 general education credits as follows:

- 6.00 credits in natural science (NATS)
- a 9.00 credit approved general education course in the social science or humanities categories
- a 6.00 credit approved general education course in the opposite category to the 9.00 credit course in social science or humanities already taken

Major credits: **51** credits including -

39 required credits:

- AP/ADMS 1000 3.00 Introduction to Business;
- AP/DEMS 1701 3.00 Disaster Case Studies;
- AP/DEMS 2700 3.00 Fundamentals of Emergency Management;
- AP/ADMS 2320 3.00 Quantitative Methods I
- AP/ADMS 2400 3.00 Introduction to Organizational Behaviour **or** AP/ADMS 2600 3.00 Human Resources Management (prerequisite for HRM 3440)
- AP/DEMS 3701 3.00 Disaster Risk Management;
- AP/DEMS 3702 3.00 Comprehensive Emergency Management;
- AP/DEMS 3703 3.00 Business Continuity Planning;
- AP/DEMS 3704 3.00 Emergency Management Communications;
- AP/DEMS 3707 3.00 Ethics and Disasters;
- AP/DEMS 4721 3.00 Qualitative Methods;
- LE/ESSE 1410 6.00 Natural, Technological and Human-induced Disasters

- LE/ESSE 3300 3.00 Geographical Information Systems (GIS) and Spatial Analysis.

Note: at least 12 credits in the major must be at the 3000 level or above.

Upper-level credits: at least 18 credits must be at the 3000 or 4000 level.

Credits outside the major: 18 credits.

At least 9 additional DEMS credits as listed in item i) of the Appendix.

To complete the credits in the major students must select up to 3 credits from Non-DEMS courses as listed in item ii) of the Appendix.

Note: at least 12 credits in the major must be at the 3000 level or above.

Upper-level credits: at least 18 credits must be at the 3000 or 4000 level.

Credits outside the major: 18 credits.

Appendix - Course Categories

i) DEMS courses:

AP/DEMS 3705 3.00 Emergency Management: Field Experience (cross-listed AP/ADMS 3705 3.00);

AP/DEMS 3706 3.00 Disasters and Humans (cross-listed AP/ADMS3706 3.00);

AP/DEMS 3708 3.00 Social Issues in Disaster Management (cross-listed AP/ADMS3708 3.00);

AP/DEMS 4704 3.00 Disasters and Logistics (cross-listed AP/ADMS4704 3.00);

AP/DEMS 4705 3.00 Comprehensive Emergency Management 2 (cross-listed AP/ADMS4705 3.00)

AP/DEMS 4707 3.00 CI Risk (cross-listed AP/ADMS4707 3.00);

AP/DEMS 4708 3.00 Disaster/Emergency Management Seminar (cross-listed AP/ADMS4708 3.00);

AP/DEMS 4709 3.00 Terrorism: The New Threat (cross-listed AP/ADMS 4709 3.00)

ii) Non-DEMS courses:

AP/ANTH 3200 3.00 The Anthropology of International Health

AP/ANTH 3210 6.00 Public Anthropology

AP/GEOG 3340 3.00 Geoinformatics: GIS I (cross-listed to: SC/GEOG 3340 3.00)

AP/GEOG 3700 3.00 Disaster! The Earth's Extreme Natural Events

AP/HRM 3400 3.00 Occupational Health and Safety (cross-listed to: AP/ADMS 3400 3.00, HH/HLST 3240 3.00) or AP/SOSC 3169 3.00 - Occupational Health

AP/HRM 3440 3.00 Leadership and Management Skills (cross-listed to: AP/ADMS 3440 3.00, ADMS 2600 prerequisite)
ES/ENVS 3400 3.00 Introduction to Climate Change Science and Policy
ES/ENVS 3401 3.00 The Science of Pollution: Impacts on the Environment and Human Health
ES/ENVS 4402 3.00 Climate Change Mitigation
ES/ENVS 3450 3.00 Environment and Health: Social and Political Dimensions;
ES/ENVS 4400 3.00 Fundamentals of Renewable Energy: Theory, Policy and Practice
ES/ENVS 4440 3.00 Environmental Disasters;
LE/ESSE 3600 3.00 Geographical Information Systems (GIS) and Spatial Analysis
LE/ESSE 4600 3.00 Geographical Information Systems (GIS) and Data Integration.
AP/POLS 3190 6.00 Public Administration
AP/POLS 3195 3.00 Multilevel Governance, Policy and Program Delivery in Canada (cross-listed to: AP/HREQ 3140 3.00, AP/PPAS 3140 3.00);
AP/SOCI 4430 3.00 Human Displacement and Refugees in a Global Context
AP/SOSC 3168 3.00 Environmental Health
SC/STS 4780 3.00 Epidemics and the Modern World: Local, National & Global Configurations of Disease

Program Learning Outcomes:

Addition/ Removal of Courses

Please describe how each course being added or removed will contribute to the program learning outcomes. *Please note: Proponents are asked to specifically make reference to the Degree-Level Expectations for the program/degree when completing this section.*

Course Number and Title	Add or Remove the course from the program?	Is the course <u>Required</u> or <u>Optional</u>?	How will this course contribute to the program learning outcomes?
AP/DEMS 1701 Disaster Case Studies;	Add	Required	This is the newest DEMS course and is foundational. It introduces students to a number of important case studies and draws upon broad concepts in the field.
SC/GEOG 2420 3.00 Introductory Statistical Analysis in Geography	Add	Optional	Currently, AP/ADMS 2320 3.00 Quantitative Methods I is a requirement. We want to add this as an option too, since it covers similar material and is a prerequisite for GEOG 3340 (Geoinformatics: GIS I), which DEM students may be interested in and is part of our 3000-level major options.
AP/ADMS 2600 3.00 Human Resources Management (prerequisite for HRM 3440)	Add	Optional	Currently, AP/ADMS 2400 3.00 Introduction to Organizational Behaviour is a requirement. We want to add this as an option too, since it covers similar material and is a prerequisite for HRM 3440 (Leadership and Management Skills), which DEM students may be interested in and is part of our 3000-level major options.
AP/GEOG 3700 3.00 - Disaster! The Earth's Extreme Natural Events	Add	Optional	Course covers geographical perspectives on the physical processes behind extreme natural events (volcanoes, tsunamis, tornadoes, hurricanes) and their impact on people. Directly related to DEM field and of interest to our students.
AP/SOSC 3169 3.00 - Occupational Health	Add	Optional	Currently, HRM 3400 Occupational Health and Safety is an option for our student. We want to add this course too since it covers similar material and gives our students more options.
AP/POLS 3190 6.00 - Public Administration	Add	Optional	This course examines the theory and practice of policy making and public administration as well as the machinery of government, with particular reference to Canada. These topics are particularly relevant to the DEM field as much of hazard mitigation and disaster management is driven by public policy.
ES/ENVS 3400 3.00 - Introduction to Climate Change Science and Policy	Add	Optional	With its focus on climate change science, the application and development of Decision Support Systems, and regional planning issues of CCA, this course is directly related to the DEM field and may be of interest to our students.
ES/ENVS 3401 3.00 - The Science of Pollution: Impacts on the Environment and Human Health	Add	Optional	The focus on fossil fuel and alternative energy sources, atmospheric pollution, heavy metal and pesticide toxicology, organic sewage, and endocrine disruptors makes this course of particular interest to students interested in climate change and natural hazards and their affect on humans.
AP/ANTH 3200 3.00 - The Anthropology of International Health	Add	Optional	This course explores health problems in the developing world, with a particular focus on international health development ideology and practice,

			and case studies in infectious diseases, maternal mortality, child survival, hunger and malnutrition – all topics relevant to DEM.
AP/ANTH 3210 6.00 - Public Anthropology	Add	Optional	This course covers aboriginal land claims, urban and international health policy, immigration and multiculturalism, and military interventions, and discusses the implications of bringing anthropology into the public sphere. It is particularly relevant to the DEM focus on social vulnerability.
AP/SOSC 3168 3.00 - Environmental Health	Add	Optional	This course is particularly useful for students interested in health emergency management. It analyses conflicts between health professionals, lay people, policy-makers and others over how environments cause diseases, and discusses the perception of risk and science, problems of measurement, claims-making, the politics of pollution and citizen responses.
ES/ENVS 4400 3.00 - Fundamentals of Renewable Energy: Theory, Policy and Practice	Add	Optional	The course discusses renewable energy as a strategy for climate change mitigation, community empowerment, industrial development, and energy security. These topics are very important for the DEM focus on recovery and the development of resilient cities.
ES/ENVS 4402 3.00 - Climate Change Mitigation	Add	Optional	Directly related to climate change issues of interest to emergency managers. It examines current and future options to reduce emissions at different government levels and prospects for multilateral and local collaborations.
AP/SOCI 4430 3.00 - Human Displacement and Refugees in a Global Context	Add	Optional	Directly related to the DEM focus on disaster response and recovery. The focus on Canada's refugee policy and responses to it brings in an applied and domestic component of interest to many of our students.
SC/STS 4780 3.00 - Epidemics and the Modern World: Local, National & Global Configurations of Disease	Add	Optional	This course explores the changing interactions between epidemic disease, governance, and scientific knowledge. Its focus on widespread infections, pathological outbreaks, and emerging diseases at the local, national, and global levels provides important foundational basis for our students.

Confirmation of Consultation/Approval:

The Committee on Curriculum, Curricular Policy and Standards will not consider proposals that have not been approved by the Department/School responsible for offering the course.

Please ensure that all fields are filled below, and that appropriate consultation/approval documentation is attached.

Has consultation been completed? (please check) **Yes** **Not applicable**

Is evidence of consultation attached? (please check) **Yes** **Not applicable**

Departmental Curriculum Approval:

Aida Mamuji	Area Coordinator - DEM	April 4, 2018
_____ Name	_____ Position	_____ Date
Nelson Waweru -	UPD for C&C	April 10, 2018
_____ Name	_____ Position	_____ Date
Nelson Waweru	UPD for SAS	April 26, 2018
_____ Name	_____ Position	_____ Date

Curriculum Map- Bachelor in Disasters and Emergency Management – Specialized Honors, Honours and Double Major

Program Learning Outcomes	Courses: 39 Required Cr (* is 6 Cr)												Courses: DM 9Cr, HO 12Cr; SP 15Cr							
BDEM Honours (120 Cr): Specialized Honors, Honours & Double Major	ADMS 1000	DEMS 1701	DEMS 2700	ADMS 2320	ADMS 2400	DEMS 3701	DEMS 3702	DEMS 3703	DEMS 3704	DEMS 3707	DEMS 4721	*ESSE 1410	DEMS 3705	DEMS 3706	DEMS 3708	DEMS 4704	DEMS 4705	DEMS 4707	DEMS 4708	DEMS 4709
Depth and Breadth of Knowledge: Demonstrate in-depth understanding of the academic and technical knowledge necessary to aid in the prevention, mitigation, preparedness, response and recovery from regional and global disasters and emergencies. The mastery of academic and technical knowledge include a range of topics related to business continuity planning, emergency management communications, disaster risk management, ethics and terrorism.																				
1. Show developed knowledge of subject matter related to emergency management		L3	L1			L3	L3	L3	L3	L3		L3	L2	L3	L3	L3	L3	L3	L3	L3
2. Show the understanding and ability to apply the subject matter in hypothetical situations	L1	L1		L1	L1	L1	L3	L3	L3	L3	L3	L1	L3	L1	L3	L3	L3	L3	L3	L3
3. Apply the subject matter in real situations		L2		L1	L2	L1	L3	L3	L3	L2	L3	L2	L3	L3	L3	L3	L3	L3	L3	L2
4. Assess the subject matter critically and analytically	L1	L3		L1	L1	L3	L3	L3	L3	L3	L3	L3	L2	L3	L3	L3	L3	L3	L3	L3
5. Develop their own principles on models useful in business continuity planning, emergency management communications and disaster risk management		L1				L3	L3	L3				L1	L2	L1		L3	L3	L3	L3	L3
6. Quote information with theoretical application	L2	L3	L1	L1	L1	L3	L3			L3	L3	L3		L3	L3	L3	L3	L3	L3	L3
Knowledge of Methodologies: Demonstrate knowledge of the academic and technical methodologies necessary to aid in the prevention, mitigation, preparedness, response and recovery from regional and global disasters and emergencies. The mastery of academic and technical skills include a range of topics related with business continuity planning, emergency management communications, disaster risk management, ethics and terrorism.																				
1. Apply the subject matter in real-life complex situations, particularly for hazard and risk assessment, and the development of mitigation and prevention strategies		L1				L2	L3	L2	L2	L1	L2	L1	L3	L2	L3	L3	L3	L3	L3	L2

Level 1 (L1) = Knowledge (ability to recall) and Comprehension (ability to grasp the meaning of)
Level 2 (L2) = Application (ability to use learned material in new situations)
Level 3 (L3) = Analysis (ability to break down into components), Synthesis (ability to put parts together into a new whole), and Evaluation (ability to judge the value of materials)

Curriculum Map- Bachelor in Disasters and Emergency Management – Specialized Honors, Honours and Double Major

Program Learning Outcomes	Courses: 39 Required Cr (* is 6 Cr)												Courses: DM 9Cr, HO 12Cr; SP 15Cr							
	ADMS 1000	DEMS 1701	DEMS 2700	ADMS 2320	ADMS 2400	DEMS 3701	DEMS 3702	DEMS 3703	DEMS 3704	DEMS 3707	DEMS 4721	*ESSE 1410	DEMS 3705	DEMS 3706	DEMS 3708	DEMS 4704	DEMS 4705	DEMS 4707	DEMS 4708	DEMS 4709
BDEM Honours (120 Cr): Specialized Honors, Honours & Double Major																				
2. Show understanding, syntheses and integration of practical concepts into life and work	L1	L1	L2	L1	L2	L2	L3	L2	L2	L3	L3	L1	L3	L2	L3	L3	L3	L3	L3	L2
3. Demonstrate understanding of some visible application of theory with everyday situations	L1	L1	L2	L2	L2	L2	L3	L2	L2	L2	L3	L1	L3	L2	L3	L3	L3	L3	L3	L2
4. Exhibit involvement in organizational change based on theory and framework	L2	L2			L3	L2	L3	L2	L2	L2	L3	L2	L2	L2		L3	L3	L3	L3	L2
5. Monitor and assess organizational impacts		L1			L2	L2	L3	L2	L2		L3	L1	L2	L2	L1		L3		L2	L2
Application of Knowledge: Demonstrate an in-depth understanding of the application of academic and technical knowledge to the practise of emergency management, through the pillars of prevention, mitigation, preparedness, response and recovery. This includes a range of topics related with business continuity planning, emergency management communications, disaster risk management, ethics and terrorism.																				
1. Provide a leadership role in coaching others		L1	L1			L2	L1	L2	L2		L2	L1			L2	L3	L2	L3	L3	L2
2. Show a basic understanding of critical-thinking frameworks, as applied to emergency management		L1	L1			L1	L2	L2	L2	L3	L2	L1	L3	L2	L3	L3	L3	L3	L3	L2
3. Demonstrate critical thinking in most situations, particularly in the application of disaster models		L2				L2	L2	L2	L2	L3	L2	L2	L2	L2	L3	L3	L3	L3	L3	L3
4. Provide and exhibit critical thinking to complex tasks and multi-faceted projects	L1	L2		L1	L1	L2	L2	L2	L2	L3	L2	L2	L3	L2	L3	L3	L3	L3	L3	L3
5. Use knowledge and personal impact to effectively support and		L1	L1			L2	L3	L3	L3	L2	L2	L1	L3	L1	L3		L3		L3	L3

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Curriculum Map- Bachelor in Disasters and Emergency Management – Specialized Honors, Honours and Double Major

Program Learning Outcomes	Courses: 39 Required Cr (* is 6 Cr)												Courses: DM 9Cr, HO 12Cr; SP 15Cr								
	ADMS 1000	DEMS 1701	DEMS 2700	ADMS 2320	ADMS 2400	DEMS 3701	DEMS 3702	DEMS 3703	DEMS 3704	DEMS 3707	DEMS 4721	*ESSE 1410	DEMS 3705	DEMS 3706	DEMS 3708	DEMS 4704	DEMS 4705	DEMS 4707	DEMS 4708	DEMS 4709	
improve emergency management organizations																					
Communication Skills: Demonstrate an in-depth knowledge of the theory and application of communication skills necessary to aid in the prevention, mitigation, preparedness, response and recovery from regional and global disasters and emergencies. This will include a range of topics related to business continuity planning, emergency management communications, disaster risk management, ethics and terrorism.																					
1. Participate in a team environment	L1	L1	L2		L2	L1	L1		L2	L2	L2	L1	L3		L2	L2	L2	L2	L3	L2	
2. Influence other team members		L1	L2		L2	L2	L1		L2	L2	L2	L1	L2		L3	L3	L2	L3	L3	L3	
3. Encourage participation by other team members		L1	L2		L1	L1	L1		L2	L2	L2	L1	L2		L2	L3	L2	L3	L3	L2	
4. Act as a team role model		L1	L2			L2	L1		L2	L2		L1	L2			L2		L2	L2	L2	
5. Show exemplary communication patterns.	L2	L1	L2	L1	L2	L2	L1		L2	L2	L3	L1	L2		L2	L3	L2	L3	L2	L2	
6. Provide leadership in coaching, training and supporting others		L1	L1		L1	L2	L1		L2	L2		L1	L2			L2		L3	L3	L3	
7. Recognize implications of electronic media use.	L1	L1	L1	L1	L1	L1	L1		L2		L3	L1	L2		L2	L3	L2	L3	L3	L3	
8. Employ complex and innovative electronic media capacities.	L1	L2	L2			L1	L1		L1		L3	L2	L2			L3	L2	L3	L3	L3	
Awareness of Limits of Knowledge: Demonstrate knowledge of the academic and technical skills and ethical perspectives necessary to aid in the prevention, mitigation, preparedness, response and recovery from regional and global disasters and emergencies. The mastery of academic and technical skills include a range of topics related with business continuity planning, emergency management communications, disaster risk management, ethics and terrorism.																					
1. Understand the limits of their own knowledge and appreciate the uncertainty, ambiguity and limits to knowledge and how this might influence their analyses and interpretations. (Developed	L1	L3	L1	L2	L1		L2		L3	L3	L3	L3	L3	L3	L2	L3	L3	L3	L3	L3	

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Curriculum Map- Bachelor in Disasters and Emergency Management – Specialized Honors, Honours and Double Major

Program Learning Outcomes	Courses: 39 Required Cr (* is 6 Cr)												Courses: DM 9Cr, HO 12Cr; SP 15Cr							
	ADMS 1000	DEMS 1701	DEMS 2700	ADMS 2320	ADMS 2400	DEMS 3701	DEMS 3702	DEMS 3703	DEMS 3704	DEMS 3707	DEMS 4721	*ESSE 1410	DEMS 3705	DEMS 3706	DEMS 3708	DEMS 4704	DEMS 4705	DEMS 4707	DEMS 4708	DEMS 4709
throughout program and particularly in Qualitative Methods)																				
2. Recognize the need for ongoing professional development and the sharing of expertise both within and outside the discipline. (Developed throughout program and specifically in Business Continuity Planning)	L1	L1				L2	L1	L3	L3	L2	L1	L1	L2		L3		L3		L2	L3
3. Understand the limitations of existing technologies, programs and systems in estimating hazard and/or vulnerability.		L1				L2	L3	L3	L3	L3	L3	L1	L1	L3	L2	L3	L3	L3	L3	L2
Autonomy and Professional Capacity: Demonstrate knowledge of the academic and technical skills and ethical perspectives necessary to aid in the prevention, mitigation, preparedness, response and recovery from regional and global disasters and emergencies. The mastery of academic and technical skills include a range of topics related with business continuity planning, emergency management communications, disaster risk management, ethics and terrorism.																				
1. Demonstrate the qualities and transferable skills necessary for further study, employment, community involvement and other activities requiring: – Effective leadership skills – Independent thinking and collaborative skills – Strong decision making abilities in complex contexts. (Developed throughout program)		L2			L1	L2	L3	L3	L3	L2	L2	L2	L3	L2	L2	L3	L3	L3	L3	L2
2. Identify and address their own learning in changing circumstances	L1	L2			L2	L2		L3	L3	L2	L2	L2		L2	L2	L2		L2	L3	L2

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Curriculum Map- Bachelor in Disasters and Emergency Management – Specialized Honors, Honours and Double Major

Program Learning Outcomes	Courses: 39 Required Cr (* is 6 Cr)												Courses: DM 9Cr, HO 12Cr; SP 15Cr								
	ADMS 1000	DEMS 1701	DEMS 2700	ADMS 2320	ADMS 2400	DEMS 3701	DEMS 3702	DEMS 3703	DEMS 3704	DEMS 3707	DEMS 4721	*ESSE 1410	DEMS 3705	DEMS 3706	DEMS 3708	DEMS 4704	DEMS 4705	DEMS 4707	DEMS 4708	DEMS 4709	
BDEM Honours (120 Cr): Specialized Honors, Honours & Double Major																					
and to select an appropriate program of further study. (Developed throughout program)																					
3. Demonstrate behaviour consistent with academic integrity, social responsibility and the highest ethical standards. (Developed throughout program)	L2	L2	L2	L2	L2	L2	L3	L3	L3	L3	L3	L2	L3	L3	L3	L3	L3	L3	L3	L2	
Professionalism:																					
1. The program inculcates leadership quality in students		L1	L2			L1	L1	L3	L3	L2		L1	L2		L2	L2	L1	L2	L2	L2	
2. Offers theoretical knowledge, critical and analytical skills, and practical methodologies and tools		L1	L1	L1	L1	L2	L1	L3	L3	L3	L3	L1		L3	L3	L2	L2	L2	L3	L3	
3. Provides students with the conceptual and analytical tools necessary to critically assess the principles and practices underpinning emergency management		L2				L2	L3	L3	L3	L3	L3	L2		L3	L2	L2	L3	L2	L3	L3	
4. The program facilitates the development of competencies in the recognized phases of the emergency cycle: mitigation, preparation, response and recovery		L1	L1			L2	L3	L2	L2			L1	L2	L2	L2	L2	L3	L2	L3	L3	
5. The program blends liberal and professional studies allowing students to develop essential	L1	L2	L2	L2	L2	L2	L2	L3	L3	L3	L3	L2	L3	L3	L3	L2	L3	L2	L3	L3	

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Curriculum Map- Bachelor in Disasters and Emergency Management – Specialized Honors, Honours and Double Major

Program Learning Outcomes	Courses: 39 Required Cr (* is 6 Cr)												Courses: DM 9Cr, HO 12Cr; SP 15Cr							
	ADMS 1000	DEMS 1701	DEMS 2700	ADMS 2320	ADMS 2400	DEMS 3701	DEMS 3702	DEMS 3703	DEMS 3704	DEMS 3707	DEMS 4721	*ESSE 1410	DEMS 3705	DEMS 3706	DEMS 3708	DEMS 4704	DEMS 4705	DEMS 4707	DEMS 4708	DEMS 4709
communication and critical thinking skills as well as specific disciplinary knowledge																				
6. Through the options of major and minor, the program offers flexibility to explore combinations with variety of fields such as, geography, sociology, psychology, communication studies, science or environmental studies	L1	L2			L1	L2	L2	L3	L3	L2	L3	L2		L3	L3	L3	L3		L3	L3
7. The program equips students with skills to become a part of the growing field of Disasters and Emergency Management		L2	L2			L3	L3	L3	L3	L3	L3	L2	L3	L2	L3	L3	L3	L3	L3	L3

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