Co-operative System of Study and Requirements
Not Applicable,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

The new undergraduate Calendar format for 2024-2025 moved a Note regarding this restriction into the body of the plan requirements. ("A maximum of two of the following courses may be used to fulfil Three-Year General English plan requirements: ENGL210E, ENGL210F, ENGL210G, ENGL210H, ENGL210I/LS291, ENGL309E/COMMST323." This has been confusing for students and implies they do need two courses from that list. The department no longer thinks these courses should be restricted from plans. Deleting the constraint will ease student confusion and align with department intentions.

General Program/Plan Information

Faculty
Faculty of Arts

Academic Unit
Department of English Language and Literature

Faculty
Faculty of Arts

Undergraduate Credential Type
Major

Program Type
Three Year General

Degree
Bachelor of Arts (Arts)

Program/Plan Name

English - Rhetoric, Media, and Professional Communication (Bachelor of Arts - Three-Year General)

Systems of Study
Regular,

Admissions

Admissions Entry Point
Declare Plan,

Declaration Requirements

- Before declaring this academic plan, see invalid credential combinations.

Requirements Information

Invalid Combinations
Yes,

List of Invalid Combinations

Diploma in Creative Writing

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative overall average of 60.0%.
- A minimum cumulative major average of 65.0%.

Graduation Requirements

- See Bachelor of Arts degree-level requirements.
- Complete a total of 6.0 units of ENGL courses.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - Complete 1.0 unit of ENGL courses at the 100-level
    - Complete all the following:
    - ENGL251 - Literary Theory and Criticism (0.50)
    -
    - Complete 1 of the following:
    - APPLS383R - Phonetics (0.50)
    - BLKST203 - Introduction to Anti-Racist Communication (0.50)
    - BLKST308 - Writing Anti-Racism (0.50)
    - BLKST310 - Topics in Black Language and Linguistics (0.50)
    - BLKST410 - African American Rhetoric (0.50)
    - COMMST203 - Introduction to Anti-Racist Communication (0.50)
    - COMMST308 - Writing Anti-Racism (0.50)
    - COMMST410 - African American Rhetoric (0.50)
    - COMMST434 - The Discourse of Dissent (0.50)
    - ENGL225 - Introduction to Anti-Racist Communication (0.50)
    - ENGL306A - Introduction to Linguistics (0.50)
    - ENGL306B - How English Grammar Works (0.50)
    - ENGL306D - The History of the English Language (0.50)
    - ENGL306F - Introduction to Semiotics (0.50)
    - ENGL306G - Critical Discourse Analysis (0.50)
    - ENGL307 - Linguistic Imperialism and Resistance (0.50)
    - ENGL308 - Race and Resistance (0.50)

- ENGL309G - The Discourse of Dissent (0.50)
- ENGL319 - History and Theory of Writing and Print Media (0.50)
- ENGL320 - History and Theory of Pre-Internet Media (0.50)
- ENGL373 - Writing Anti-Racism (0.50)
- ENGL375 - Topics in Black Language and Linguistics (0.50)
- ENGL383 - Phonetics (0.50)
- ENGL405 - African American Rhetoric (0.50)
- ENGL406 - Advanced Rhetorical Study (0.50)
- ENGL407 - Language and Politics (0.50)
- ENGL409A - Rhetoric of Argumentation (0.50)
- ENGL470A - Contemporary Critical Theory (0.50)
- ENGL470B - History of Literary Criticism (0.50)
- GSJ307 - Race and Resistance (0.50)
- GSJ309 - The Discourse of Dissent (0.50)
- HIST309 - The Discourse of Dissent (0.50)
-
- Complete 1 of the following:
- BLKST210 - Language, Life, and Literature in the Caribbean (0.50)
- BLKST240 - Black Diasporic Lives: 1740-1900 (0.50)
- BLKST244 - Introduction to Black Canadian Writing (0.50)
- BLKST340 - Contemporary African Literature and Film (0.50)
- EASIA346R - Global Asian Diasporas (0.50)
- ENGL305A - Old English Language and Literature (0.50)
- ENGL305B - The Age of Beowulf (0.50)
- ENGL308 - Race and Resistance (0.50)
- ENGL310A - Middle English Literature (0.50)
- ENGL310B - Chaucer (0.50)
- ENGL313 - Early Canadian Literatures (0.50)
- ENGL315 - Modern Canadian Literature (0.50)
- ENGL316 - Canadian Drama (0.50)
- ENGL318 - Contemporary Canadian Literature (0.50)
- ENGL322 - Postcolonial Literature of the Americas (0.50)
- ENGL324 - Modern and Contemporary American Drama (0.50)
- ENGL325 - Austen (0.50)
- ENGL326 - Language, Life, and Literature in the Caribbean (0.50)
- ENGL327 - Black Diasporic Lives: 1740-1900 (0.50)
- ENGL328 - Introduction to Black Canadian Writing (0.50)
- ENGL330A - Sixteenth-Century Literature 1 (0.50)
- ENGL330B - Sixteenth-Century Literature 2 (0.50)
- ENGL340 - Contemporary African Literature and Film (0.50)
- ENGL342 - American Literature to 1860 (0.50)
- ENGL343 - American Literature 1860-1910 (0.50)
- ENGL344 - Modern American Literature (0.50)
- ENGL345 - American Literature in a Global Context (0.50)
- ENGL346 - American Fiction (0.50)
- ENGL346R - Global Asian Diasporas (0.50)
- ENGL347 - American Literature Since 1945 (0.50)
- ENGL348 - American Poetry Since 1850 (0.50)
- ENGL350A - Seventeenth-Century Literature 1 (0.50)
- ENGL350B - Seventeenth-Century Literature 2 (0.50)
- ENGL361 - Early Modern Worlds on Stage (0.50)
- ENGL362 - Shakespeare 1 (0.50)
- ENGL363 - Shakespeare 2 (0.50)
- ENGL364 - Shakespeare in Performance at the Stratford Festival (0.50)
- ENGL367 - Voice and Text at the Stratford Festival (0.50)
- ENGL410 - Eighteenth-Century Women Writers (0.50)
- ENGL411 - Eighteenth-Century Literature: Sex, Satire, and Sentiment (0.50)
- ENGL412 - Eighteenth-Century Literature and Media (0.50)
- ENGL425 - Transnational Feminisms and Contemporary Narratives (0.50)
- ENGL430A - Literature of the Romantic Period 1 (0.50)
- ENGL430B - Literature of the Romantic Period 2 (0.50)
- ENGL451A - Literature of the Victorian Age 1 (0.50)

- ENGL451B - Literature of the Victorian Age 2 (0.50)
- ENGL460A - Early Literature of the Modernist Period in the United Kingdom and Ireland (0.50)
- ENGL460B - Literature of the Modernist Period in the United Kingdom and Ireland (0.50)
- ENGL460C - Literature of the Postwar Period in the United Kingdom and Ireland (0.50)
- ENGL460D - Contemporary Literature of the United Kingdom and Ireland (0.50)
- ENGL461 - Irish Literature (0.50)
- ENGL463 - Postcolonial Literatures (0.50)
- ENGL471 - Adapting Literary Works (0.50)
- ENGL484 - Topics in Literatures Medieval to Romantic (0.50)
- ENGL485 - Topics in Literatures Romantic to Modern (0.50)
- ENGL486 - Topics in Literatures Modern to Contemporary (0.50)
- ENGL491 - Topics in Literature and Rhetoric (0.50)
- GSJ307 - Race and Resistance (0.50)
- GSJ410 - Eighteenth-Century Women Writers (0.50)
- GSJ463 - Postcolonial Literatures (0.50)
- THPERF364 - Shakespeare in Performance at the Stratford Festival (0.50)
- THPERF367 - Voice and Text at the Stratford Festival (0.50)
- THPERF386 - Shakespeare 1 (0.50)
- THPERF387 - Shakespeare 2 (0.50)
-
- Complete 1 of the following:
- DAC400 - Digital Design Research Project (0.50)
- ENGL371 - Editing Literary Works (0.50)
- ENGL392A - Information Design (0.50)
- ENGL392B - Visual Rhetoric (0.50)
- ENGL403 - Digital Design Research Project (0.50)
- ENGL408A - Writing for the Media (0.50)
- ENGL408B - The Discourse of Advertising (0.50)
- ENGL408C - The Rhetoric of Digital Design: Theory and Practice (0.50)
- ENGL470C - Literary Studies in Digital Forms (0.50)
- ENGL471 - Adapting Literary Works (0.50)
- ENGL472 - Research Methods in Technical Communication (0.50)
-
- Complete 1 of the following:
- ENGL200A - English Literatures 1 (0.50)
- ENGL200B - English Literatures 2 (0.50)
- ENGL200C - English Literatures 3 (0.50)
-
- Complete 1 of the following:
- ENGL210E - Genres of Technical Communication (0.50)
- ENGL210F - Genres of Business Communication (0.50)
- ENGL210G - Genres of Fundraising Communication (0.50)
- ENGL210H - Arts Writing (0.50)
- ENGL210I - Legal Writing (0.50)
- ENGL210J - Technical Editing (0.50)
- LS291 - Legal Writing (0.50)
-
- Complete 1 of the following:
- ENGL292 - Rhetorical Theory and Criticism (0.50)
- ENGL306A - Introduction to Linguistics (0.50)
-
- Complete 1 of the following:
- ENGL309A - Rhetoric, Classical to Enlightenment (0.50)
- ENGL309C - Contemporary Rhetoric (0.50)
-
- Complete 1.0 additional unit of ENGL courses at the 200-level or above
- ~~Complete no more than 2 from the following:~~
- ~~COMMST323 - Speech Writing (0.50)~~
- ~~ENGL309E - Speech Writing (0.50)~~

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?

Yes,

Cross-Listings Options

All cross-listings to be displayed,

Additional Constraints

1. Students may only complete one course from any cross-listed set.
2. Students may use no more than two ENGL courses at the 100-level; additional 100-level ENGL courses may count as degree electives.
3. Courses transferred from other institutions without a specific course designation (e.g., ENGL1XX) may only be counted towards the English electives.
4. No one course may fulfil more than one requirement within this major.

Notes

- Visit the English Language and Literature website for further information.

Specializations

Specializations for this Major
Yes - Optional,

Specialization Details

Students may choose to focus their elective choices by completing one of five available specializations.

Specializations List

Communication Design Specialization, Creative Writing Specialization, Digital Media Studies Specialization, Global Literatures Specialization, or Technical Writing Specialization

Undergraduate Plan Guidelines

Workflow Information

Change to Undergraduate Communication Requirement
No,

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Arts

Dependencies

Top

English Language and Literature Minor -

English Language and Literature Minor

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2024-10-25

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
Not Applicable,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

The new undergraduate Calendar format for 2024-2025 moved a Note regarding this restriction into the body of the plan requirements. ("A maximum of two of the following courses may be used to fulfil English Minor requirements: ENGL210E, ENGL210F, ENGL210G, ENGL210H, ENGL210I/LS291, ENGL309E/COMMST323." This has been confusing for students and implies they do need two courses from that list. The department no longer thinks these courses should be restricted from plans. Deleting the constraint will ease student confusion and align with department intentions.

General Program/Plan Information

Faculty

Faculty of Arts

Academic Unit

Department of English Language and Literature

Faculty
Faculty of Arts

Undergraduate Credential Type
Minor

Program/Plan Name
English Language and Literature Minor

Admissions

Admissions Entry Point
Declare Plan,

Declaration Audience
This credential is open to students enrolled in any degree program.

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative minor average of 65.0%.

Graduation Requirements

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - Complete all the following:
    - ENGL251 - Literary Theory and Criticism (0.50)
    -
    - Complete 2 of the following:
    - ENGL200A - English Literatures 1 (0.50)
    - ENGL200B - English Literatures 2 (0.50)
    - ENGL200C - English Literatures 3 (0.50)
    -
    - Complete 0.5 additional unit of ENGL courses at the 300-level or above
    - Complete 2.0 additional units of ENGL courses
    - ~~Complete no more than 2 from the following:~~
    - ~~COMMST323 - Speech Writing (0.50)~~
    - ~~ENGL210E - Genres of Technical Communication (0.50)~~
    - ~~ENGL210F - Genres of Business Communication (0.50)~~
    - ~~ENGL210G - Genres of Fundraising Communication (0.50)~~
    - ~~ENGL210H - Arts Writing (0.50)~~
    - ~~ENGL210I - Legal Writing (0.50)~~
    - ~~ENGL309E - Speech Writing (0.50)~~
    - ~~LS291 - Legal Writing (0.50)~~

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?
Yes,

Cross-Listings Options
All cross-listings to be displayed,

Additional Constraints

1. Students may only complete one course from any cross-listed set.

2. Students may use no more than two 100-level courses.
3. Courses transferred from other institutions without a specific course designation (e.g., ENGL1XX) may only be counted towards the English electives.

Notes

- Visit the English Language and Literature website for further information.

Specializations

Undergraduate Plan Guidelines

Adherence to Academic Plan Guidelines
Yes,

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Arts

Dependencies

Global Literatures Specialization - Global Literatures Specialization

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-06-20

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
Not Applicable,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

We are adding other core course options to the Global Literatures Specialization to ensure we can offer the required courses regularly. The added courses ENGL200C, ENGL322, and ENGL463 have substantial global literatures content, including postcolonial literatures and theory and writers representing cultures from around the world. We are adding relevant elective courses not previously included in the specialization and removing retired courses.

General Program/Plan Information

Faculty

Faculty of Arts

Academic Unit

Department of English Language and Literature

Faculty
Faculty of Arts

Undergraduate Credential Type
Specialization

Program/Plan Name
Global Literatures Specialization

Admissions

Specialization is available for students in the following majors

3G-English - Creative & Professional Writing, 3G-English - Language & Literature, 3G-English - Literature & Rhetoric, 3G-English - Rhetoric, Media, & Professional Communication, 4G-English - Creative & Professional Writing, 4G-English - Literature, 4G-English - Literature & Rhetoric, 4G-English - Rhetoric, Media, & Professional Communication, H-English - Creative & Professional Writing, H-English - Literature, H-English - Literature & Rhetoric, or H-English - Rhetoric, Media, & Professional Communication

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement
No,

Graduation Requirements

- Complete a total of 2.0 units.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - Complete 1 of the following:
    - ENGL200C - English Literatures 3 (0.50)
    - ENGL291 - Global Literatures (0.50)
    - ENGL322 - Postcolonial Literature of the Americas (0.50)
    - ENGL463 - Postcolonial Literatures (0.50)
    - GSJ463 - Postcolonial Literatures (0.50)
    -
    - **Complete 3 of the following:**
    - BLKST210 - Language, Life, and Literature in the Caribbean (0.50)
    - BLKST240 - Black Diasporic Lives: 1740-1900 (0.50)
    - BLKST244 - Introduction to Black Canadian Writing (0.50)
    - BLKST340 - Contemporary African Literature and Film (0.50)
    - **EASIA346R - Global Asian Diasporas (0.50)**
    - ENGL200C - English Literatures 3 (0.50)
    - ENGL208M - Travel Literature (0.50)
    - **ENGL132R - Introduction to Modern Arab and Muslim Drama (0.50)**
    - **ENGL240R - Migration, Diaspora, and Exile in Muslim Narratives (0.50)**
    - **ENGL241R - Sacred Spaces and Human Geographies in Muslim Literary Expressions (0.50)**
    - ENGL280 - Literatures of Migration (0.50)
    - ENGL291 - Global Literatures (0.50)
    - ENGL313 - Early Canadian Literatures (0.50)
    - ENGL318 - Contemporary Canadian Literature (0.50)
    - ENGL322 - Postcolonial Literature of the Americas (0.50)
    - ENGL326 - Language, Life, and Literature in the Caribbean (0.50)
    - ENGL327 - Black Diasporic Lives: 1740-1900 (0.50)
    - ENGL328 - Introduction to Black Canadian Writing (0.50)
    - ENGL340 - Contemporary African Literature and Film (0.50)
    - ENGL342 - American Literature to 1860 (0.50)
    - ENGL345 - American Literature in a Global Context (0.50)
    - **ENGL346R - Global Asian Diasporas (0.50)**
    - ENGL460A - Early Literature of the Modernist Period in the United Kingdom and Ireland (0.50)
    - ENGL460B - Literature of the Modernist Period in the United Kingdom and Ireland (0.50)
    - ENGL460C - Literature of the Postwar Period in the United Kingdom and Ireland (0.50)
    - ENGL460D - Contemporary Literature of the United Kingdom and Ireland (0.50)
    - ENGL461 - Irish Literature (0.50)
    - ENGL463 - Postcolonial Literatures (0.50)
    - GSJ463 - Postcolonial Literatures (0.50)
    - **SI132R - Introduction to Modern Arab and Muslim Drama (0.50)**
    - **SI240R - Migration, Diaspora, and Exile in Muslim Narratives (0.50)**
    - **SI241R - Sacred Spaces and Human Geographies in Muslim Literary Expressions (0.50)**
    - ~~Complete all the following:~~
    - ~~Complete 2 of the following:~~
    - ~~ENGL208L - Race and the Literary Tradition (0.50)~~
    - ~~ENGL290 - Global Shakespeare (0.50)~~
    - ~~GSJ208L - Race and the Literary Tradition (0.50)~~

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?
Yes,

Cross-Listings Options
All cross-listings to be displayed,

Proposed

Additional Constraints

1. Students may only complete one course from any cross-listed set.
2. No one course may fulfil more than one requirement within this specialization.

Existing

Additional Constraints

1. Students may only complete one course from any cross-listed set.

Notes

- Visit the English Language and Literature website for further information.

Specializations

Undergraduate Plan Guidelines

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Arts

Dependencies

3G-French - French (Bachelor of Arts - Three-Year General)

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2023

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-06-06

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
Not Applicable,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)
High school French immersion students, Francophone students, and students who graduated from a French high school

begin above FR192A. Those students are still required to complete a minimum of 12 French courses above the FR192A level. This motion aims to clarify that all 12 FR courses must be taught in French.

General Program/Plan Information

Faculty

Faculty of Arts

Academic Unit

Department of French Studies

Faculty
Faculty of Arts

Undergraduate Credential Type
Major

Program Type
Three Year General

Degree
Bachelor of Arts (Arts)

Program/Plan Name
French (Bachelor of Arts - Three-Year General)

Systems of Study
Regular,

Admissions

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative overall average of 60.0%.
- A minimum cumulative major average of 65.0%.

Graduation Requirements

- See Bachelor of Arts degree-level requirements.
- Complete a total of 6.0 units of FR courses.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

Course Requirements (no units)

Required Courses

- Complete all of the following
- Complete all the following:
  - FR192A - French Language 1: Module 1 (0.50)
  - FR192B - French Language 1: Module 2 (0.50)
  - FR250 - Intermediate Spoken French (0.50)
  - FR251 - French Language 2: Module 1 (0.50)
  - FR252 - French Language 2: Module 2 (0.50)
  - FR276 - Introduction to French-Language Literatures and Cultures in Canada (0.50)
  - FR296 - French Culture & Literature: Origins to 1715 (0.50)
  - FR297 - French Culture & Literature: 1715 to the Present (0.50)
  - FR351 - French Language 3 (0.50)
- Complete 1 of the following:
  - FR203 - Introduction to Phonetics of French (0.50)
  - FR303 - Introduction to Linguistics (0.50)
- Complete 1 of the following:
  - FR332 - 17th-Century French Literature (0.50)
  - FR343 - 18th-Century French Literature (0.50)
  - FR354 - 19th-Century French Literature (0.50)
  - FR363 - 20th-Century French Literature (0.50)
  - FR365 - French-Language Theatre (0.50)
  - FR367 - 21st-Century French Literature (0.50)
  - FR373 - Languages in Contact: The History of French-English Bilingualism (0.50)
  - FR375 - Quebec Literature (0.50)
  - FR410 - Medieval French Literature (0.50)
  - FR424 - 16th-Century French Literature (0.50)
  - FR471 - Francophone Literatures in Canada (0.50)
  - FR473 - Francophone Minorities in Canada (0.50)
  - FR484 - Children's Literature in French (0.50)
  - FR485 - Women’s Writing in French (0.50)
  - FR486 - Topics in French and Francophone Cultural Studies (0.50)
  - FR487 - African and Caribbean Literatures in French (0.50)
- Complete 0.5 additional unit of FR courses at the 300-level or above

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?
No,

Proposed

Additional Constraints

1. High school French immersion students, Francophone students, and students who graduated from a French high school begin above FR192A. Those students are still required to complete a minimum of 12 French courses taught in French above the FR192A level.
2. Courses transferred from other institutions without a specific course designation (e.g.,

FR3XX) may only be counted towards the additional French courses.

Existing

Additional Constraints

1. High school French immersion students, Francophone students, and students who graduated from a French high school begin above FR192A. Those students are still required to complete a minimum of 12 French courses above the FR192A level.

Notes

- Visit the French Studies website for further information.

Specializations

Specializations for this Major
Yes - Optional,

Specialization Details

Students may choose to focus their elective

choices by completing a specialization.

Specializations List

Professional French Specialization

Undergraduate Plan Guidelines

Workflow Information

Change to Undergraduate Communication Requirement
No,

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Arts

Dependencies

4G-French - French (Bachelor of Arts - Four-Year General)

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year

Fall 2025

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-06-06

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
Not Applicable,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

High school French immersion students, Francophone students, and students who graduated from a French high school begin above FR192A. Those students are still required to complete a minimum of 16 French courses above the FR192A level. This motion aims to clarify that all 16 FR courses must be taught in French.

General Program/Plan Information

Faculty

Faculty of Arts

Academic Unit

Department of French Studies

Faculty

Faculty of Arts

Undergraduate Credential Type

Major

Program Type

Four Year General

Degree

Bachelor of Arts (Arts)

Program/Plan Name

French (Bachelor of Arts - Four-Year General)

Systems of Study

Regular,

Admissions

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative overall average of 60.0%.
- A minimum cumulative major average of 65.0%.

Graduation Requirements

- See Bachelor of Arts degree-level requirements.
- Complete a total of 8.0 units of FR courses.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

Course Requirements (no units)

Required Courses

- Complete all of the following
- Complete all the following:
  - FR192A - French Language 1: Module 1 (0.50)
  - FR192B - French Language 1: Module 2 (0.50)
  - FR250 - Intermediate Spoken French (0.50)
  - FR251 - French Language 2: Module 1 (0.50)
  - FR252 - French Language 2: Module 2 (0.50)
  - FR276 - Introduction to French-Language Literatures and Cultures in Canada (0.50)
  - FR296 - French Culture & Literature: Origins to 1715 (0.50)
  - FR297 - French Culture & Literature: 1715 to the Present (0.50)
  - FR303 - Introduction to Linguistics (0.50)
  - FR351 - French Language 3 (0.50)
  - FR452 - Advanced French Language (0.50)
- Complete 2 of the following:
  - FR332 - 17th-Century French Literature (0.50)
  - FR343 - 18th-Century French Literature (0.50)
  - FR354 - 19th-Century French Literature (0.50)
  - FR363 - 20th-Century French Literature (0.50)
  - FR365 - French-Language Theatre (0.50)
  - FR367 - 21st-Century French Literature (0.50)
  - FR373 - Languages in Contact: The History of French-English Bilingualism (0.50)
  - FR375 - Quebec Literature (0.50)
  - FR399A - Independent Cultural Study (0.50)
  - FR410 - Medieval French Literature (0.50)
  - FR424 - 16th-Century French Literature (0.50)
  - FR471 - Francophone Literatures in Canada (0.50)
  - FR473 - Francophone Minorities in Canada (0.50)
  - FR484 - Children's Literature in French (0.50)
  - FR485 - Women’s Writing in French (0.50)
  - FR486 - Topics in French and Francophone Cultural Studies (0.50)
  - FR487 - African and Caribbean Literatures in French (0.50)
- Complete 1.5 additional units of FR courses at the 300-level or above

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?
No,

Proposed

Additional Constraints

1. High school French immersion students, Francophone students, and students who graduated from a French high school begin above FR192A. Those students are still required to complete a minimum of 16 French courses taught in French above the FR192A level.
2. Courses transferred from other institutions without a specific course designation (e.g., FR3XX) may only be counted towards the additional French courses.

Existing

Additional Constraints

1. High school French immersion students, Francophone students, and students who graduated from a French high school begin above FR192A. Those students are still required to complete a minimum of 16 French courses above the FR192A level.
2. Courses transferred from other institutions without a specific course designation (e.g., FR3XX) may only be counted towards the additional French courses.

Notes

- Visit the French Studies website for further information.

Specializations

Specializations for this Major
Yes - Optional,

Specialization Details

Students may choose to focus their elective choices by completing a specialization.

Specializations List

Professional French Specialization

Undergraduate Plan Guidelines

Workflow Information

Change to Undergraduate Communication Requirement
No,

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Arts

Dependencies

H-French - French (Bachelor of Arts - Honours) Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-06-06

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
Not Applicable,

Creating or Changing Invalid Combinations

No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

High school French immersion students, Francophone students, and students who graduated from a French high school begin above FR192A. Those students are still required to complete a minimum of 16 French courses above the FR192A level. This motion aims to clarify that all 16 FR courses must be taught in French.

General Program/Plan Information

Faculty
Faculty of Arts

Academic Unit
Department of French Studies

Faculty
Faculty of Arts

Undergraduate Credential Type
Major

Program Type
Honours

Degree
Bachelor of Arts (Arts)

Program/Plan Name
French (Bachelor of Arts - Honours)

Systems of Study
Regular, Co-operative,

Admissions

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative overall average of 60.0%.
- A minimum cumulative major average of 70.0%.

Graduation Requirements

- See Bachelor of Arts degree-level requirements.
- Complete a total of 8.0 units of FR courses.

Co-operative Education Program Requirements

For students in the co-operative system of study, see Bachelor of Arts co-operative education program requirements.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

Course Requirements (no units)

Required Courses

- Complete all of the following
- Complete all the following:
  - FR192A - French Language 1: Module 1 (0.50)
  - FR192B - French Language 1: Module 2 (0.50)
  - FR250 - Intermediate Spoken French (0.50)
  - FR251 - French Language 2: Module 1 (0.50)
  - FR252 - French Language 2: Module 2 (0.50)
  - FR276 - Introduction to French-Language Literatures and Cultures in Canada (0.50)
  - FR296 - French Culture & Literature: Origins to 1715 (0.50)
  - FR297 - French Culture & Literature: 1715 to the Present (0.50)
  - FR303 - Introduction to Linguistics (0.50)
  - FR351 - French Language 3 (0.50)
  - FR452 - Advanced French Language (0.50)
- Complete 2 of the following:
  - FR332 - 17th-Century French Literature (0.50)
  - FR343 - 18th-Century French Literature (0.50)
  - FR354 - 19th-Century French Literature (0.50)
  - FR363 - 20th-Century French Literature (0.50)
  - FR365 - French-Language Theatre (0.50)
  - FR367 - 21st-Century French Literature (0.50)
  - FR373 - Languages in Contact: The History of French-English Bilingualism (0.50)
  - FR375 - Quebec Literature (0.50)
  - FR399A - Independent Cultural Study (0.50)
  - FR410 - Medieval French Literature (0.50)
  - FR424 - 16th-Century French Literature (0.50)
  - FR471 - Francophone Literatures in Canada (0.50)
  - FR473 - Francophone Minorities in Canada (0.50)
  - FR484 - Children's Literature in French (0.50)
  - FR485 - Women’s Writing in French (0.50)
  - FR486 - Topics in French and Francophone Cultural Studies (0.50)
  - FR487 - African and Caribbean Literatures in French (0.50)
- Complete 1.5 additional units of FR courses at the 300-level or above

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?
No,

Proposed

Additional Constraints

1. High school French immersion students, Francophone students, and students who graduated from a French high school begin above FR192A. Those students are still required to complete a minimum of 16 French courses taught in French above the FR192A level.
2. Courses transferred from other institutions without a specific course designation (e.g., FR3XX) may only be counted towards the additional French courses.

Existing

Additional Constraints

1. High school French immersion students, Francophone students, and students who graduated from a French high school begin above FR192A. Those students are still required to complete a minimum of 16 French courses above the FR192A level.
2. Courses transferred from other institutions without a specific course designation (e.g., FR3XX) may only be counted towards the additional French courses.

Notes

- Visit the French Studies website for further information.

Specializations

Specializations for this Major
Yes - Optional,

Specialization Details

Students may choose to focus their elective choices by completing up to two available specializations. Students may enrol in either the French Teaching Specialization or the Intensive French and Francophone Literatures and Cultures Specialization, but not both.

Specializations List

French Teaching Specialization, Intensive French & Francophone Literatures & Cultures Specialization, or Professional French Specialization

Undergraduate Plan Guidelines

Workflow Information

Change to Undergraduate Communication Requirement
No,

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Arts

Dependencies

French Minor - French Minor

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-06-06

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?

No,

Co-operative System of Study and Requirements
Not Applicable,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

FR220 (French and Francophone Pop Culture) is a new course taught in English. Courses taught in English may not count toward the French Minor. This is in alignment with the other French courses taught in English: FR291, FR292. This course may still count towards electives.

Consultations (Departmental)

N/A

General Program/Plan Information

Faculty

Faculty of Arts

Academic Unit

Department of French Studies

Faculty
Faculty of Arts

Undergraduate Credential Type

Minor

Program/Plan Name
French Minor

Admissions

Admissions Entry Point
Declare Plan,

Declaration Audience
This credential is open to students enrolled in degree programs or any non- or post-degree academic plan.This credential is open to students enrolled in any degree program.

Requirements Information

Invalid Combinations

No,

Average Requirement

Yes,

Minimum Average(s) Required

- A minimum cumulative minor average of 65.0%.

Graduation Requirements

- Complete a total of 4.0 units.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - Complete all the following:
    - FR276 - Introduction to French-Language Literatures and Cultures in Canada (0.50)
    - FR296 - French Culture & Literature: Origins to 1715 (0.50)
    - FR297 - French Culture & Literature: 1715 to the Present (0.50)
    -
    - Complete 2.5 additional units of FR courses
    - The following cannot be used towards this academic plan:
    - FR101 - Beginner French (0.50)
    - FR151 - Basic French 1 (0.50)
    - FR152 - Basic French 2 (0.50)
    - **FR220 - French and Francophone Pop Culture (0.50)**
    - FR291 - French Civilization 1 (0.50)
    - FR292 - French Civilization 2 (0.50)

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?
No,

Notes

- Visit the French Studies website for further information.

Specializations

Undergraduate Plan Guidelines

Adherence to Academic Plan Guidelines
Yes,

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Arts

Dependencies

French Language I Diploma - Diploma in French Language I

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-06-06

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
Not Applicable,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)
Some students undertake this Diploma with anti-requisites for FR 151 (High school French, French immersion). Students who begin at the FR 152 level must replace FR 151 with a FR course taught in French. This is to prevent students from counting FR courses taught in English (FR 220, FR 291 and FR 292) for this Diploma focused on French language acquisition.

General Program/Plan Information

Faculty

Faculty of Arts

Academic Unit

Department of French Studies

Faculty
Faculty of Arts

Undergraduate Credential Type
Diploma

Program/Plan Name
Diploma in French Language I

Online Degree/Diploma
This diploma is also available to study online (asynchronous)

Admissions

Admissions Entry Point
Both,

Declaration Audience
This credential is open to students enrolled in degree programs or any non- or post-degree academic plan.

Declaration Requirements

- Before declaring this academic plan, see invalid credential combinations.

Requirements Information

Invalid Combinations
Yes,

List of Invalid Combinations
Diploma in French Language II

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative diploma average of 65.0%.

Graduation Requirements

- Complete a total of 2.0 units.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

Course Requirements (no units)

Required Courses

- Complete all the following:

- FR151 - Basic French 1 (0.50)
- FR152 - Basic French 2 (0.50)
- FR192A - French Language 1: Module 1 (0.50)
- FR192B - French Language 1: Module 2 (0.50)

1. Required Courses
    -
    - **Rule Not Selected**
    - ~~No Rules~~

Are there cross-listed courses listed in requirements?

No,

Proposed

Additional Constraints

1. Students seeking to complete the Diploma in French Language I who do not take FR151 must take an additional course at the 200-level or higher in substitution. The additional course must be taught in French.

Existing

Additional Constraints

1. Students seeking to complete the Diploma in French Language I who do not take FR151 must take an additional course at the 200-level or higher in substitution.

Notes

- Visit the French Studies website for further information.

Specializations

Undergraduate Plan Guidelines

Adherence to Academic Plan Guidelines
Yes,

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Arts

Dependencies

3G-History - History (Bachelor of Arts - Three-Year General)

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements

No,

Creating or Changing Invalid Combinations

No,

Change to Learning Outcomes

No,

Rationale and Background for Change(s)

Following extensive consultation through both our curriculum committee and wider department, as well as a recent external review of our undergraduate program, we have decided to change some aspects of our curriculum, including the Three-Year General History plan. The main change is to our field program requirements.

As the external reviewers' report indicates, our current regional fields (American, Canadian, European, and International) "no longer reflect the state of the discipline" and are also overly focused on the Global North. By adding a Global History field, we will ensure that students engage with global scales of analysis that are increasingly common in History, learn about multiple regions of the world, and analyze key issues that have impacted the global community. This also aligns with the University of Waterloo's strategic plan, which focuses on addressing global challenges and encourages students to be "global citizens centred on humanity." Our other two fields will be Canadian History (which was a field previously), and pre-1800 History (which was previously a separate degree requirement, but not a field). At a practical level, the current field requirements are confusing to students and offer limited flexibility. Additionally, it has become difficult to offer some of these courses due to faculty departures and retirements. The new fields requirements can also be met far more easily, as students can choose from multiple courses at the 200 or 300-level for each.

The other changes to this plan build from the changes to our fields and will make this plan more flexible. Instead of being asked to complete a separate Canadian History requirement, a separate pre-1800 requirement, and 2/4 fields, students will now just be asked to complete 1 course from each of the three new fields (Global, Canadian, Pre-1800). These requirements are easier to understand and complete.

Consultations (Departmental)

N/A

General Program/Plan Information

Faculty

Faculty of Arts

Academic Unit

Department of History

Faculty
Faculty of Arts

Undergraduate Credential Type
Major

Program Type
Three Year General

Degree
Bachelor of Arts (Arts)

Program/Plan Name
History (Bachelor of Arts - Three-Year General)

Systems of Study
Regular,

Admissions

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative overall average of 60.0%.
- A minimum cumulative major average of 65.0%.

Graduation Requirements

- See Bachelor of Arts degree-level requirements.
- Complete a total of 6.0 units of HIST and approved courses.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - Complete all the following:
    - HIST250 - What is History? An Introduction to Historical Thinking (0.50)
    -
    - Complete 1 of the following:
    - CLAS210 - History of Ancient Law (0.50)
    - CLAS251 - Greek History (0.50)
    - CLAS252 - Roman History (0.50)
    - GSJ347 - Witches, Wives, and Whores (0.50)
    - HIST210 - History of Ancient Law (0.50)
    - HIST236 - Law and Society in the Middle Ages (0.50)

- HIST242 - Greek History (0.50)
- HIST252 - Roman History (0.50)
- HIST260 - Medieval Europe c.300-c.1500 (0.50)
- HIST262 - Early Modern Europe 1450-1700 (0.50)
- HIST304 - Heresy and Religious Crises in Late Medieval Europe (0.50)
- HIST317 - History of Sexuality: The Pre-Modern Period (0.50)
- HIST329 - Origins of the Common Law (0.50)
- HIST347 - Witches, Wives, and Whores (0.50)
- HIST348 - The Radical Reformation (0.50)
- HIST379 - Reformation History (0.50)
- LS236 - Law and Society in the Middle Ages (0.50)
- MEDVL260 - Medieval Europe c.300-c.1500 (0.50)
- MEDVL304 - Heresy and Religious Crises in Late Medieval Europe (0.50)
- RCS342 - Heresy and Religious Crises in Late Medieval Europe (0.50)
- RCS343 - Reformation History (0.50)
- RCS344 - The Radical Reformation (0.50)
- SRF317 - History of Sexuality: The Pre-Modern Period (0.50)
-
- Complete 1 of the following:
- EASIA220R - The History of East Asian Communities in Canada (0.50)
- HIST209 - Smallpox to Medicare: Canadian Medical History (0.50)
- HIST221 - Racism and Response in Canadian History (0.50)
- HIST225 - History of Education in Canada (0.50)
- HIST226 - Canada in World War 2 (0.50)
- HIST231R - The History of East Asian Communities in Canada (0.50)
- HIST253 - Canada: Cultures and Conflicts in the Colonial Era (0.50)
- HIST254 - Canada Since 1867: A New Nation (0.50)
- HIST256 - Murder in Canadian History (0.50)
- HIST269 - Indigenous Histories in Canada (0.50)
- HIST277 - Canadian Legal History (0.50)
- **HIST324 - Gardens and Gardeners in Canada: A History (0.50)**
- **HIST327 - We are all Treaty People (0.50)**
- **HIST328 - Matriarchs, Warriors, and Aunties: Indigenous Women in Canadian History (0.50)**
- **HIST342 - Cold War Canada (0.50)**
- HIST350 - Canada and the Americas (0.50)
- HIST351 - Canada: The Immigrant Experience (0.50)
- HIST374 - Canada's Social History (0.50)
- HIST389 - Canada in World Affairs (0.50)
- LS237 - Canadian Legal History (0.50)
- SDS205R - History of Education in Canada (0.50)
-
- Complete 1 of the following:
- **Course Not Found**
- **HIST232 - A History of Peace Movements (0.50)**
- **HIST235 - History of Christianity (0.50)**
- **HIST246 - Environmental History (0.50)**
- HIST268 - A Global History of Empires (0.50)
- HIST275 - The Modern World in Historical Perspective (0.50)
- **Course Not Found**
- **HIST311 - International Relations, 1890-1951 (0.50)**
- **HIST312 - The First World War (0.50)**
- **HIST321 - Human Rights in Historical Perspective (0.50)**
- **HIST322 - Global History of the Detention Camp (0.50)**
- **HIST323 - Global History of the Prison (0.50)**
- **HIST369 - The Politics of Decolonization (0.50)**
- **LS331 - Human Rights in Historical Perspective (0.50)**
- **PACS203 - A History of Peace Movements (0.50)**
- **PSCI369 - The Politics of Decolonization (0.50)**
- **RCS240 - History of Christianity (0.50)**
-
- **Complete 3.0 additional units of HIST courses at the 200-level or above**

- **Complete 1.0 additional unit of HIST courses at any level**
- ~~CLAS237 - The Ancient Near East and Egypt (0.50)~~
- ~~HIST110 - A History of the Western World 1 (0.50)~~
- ~~HIST115 - Crusading in the Middle Ages (0.50)~~
- ~~HIST201 - Columbus and After: New Worlds in the Americas (0.50)~~
- ~~HIST237 - The Ancient Near East and Egypt (0.50)~~
- ~~LS235 - History of Ancient Law (0.50)~~
- ~~MEDVL115 - Crusading in the Middle Ages (0.50)~~
- ~~HIST103 - Canadian History Through Biography (0.50)~~
- ~~HIST113 - Canadian Business History: Innovators and Entrepreneurs (0.50)~~
- ~~HIST224 - Food, Culture, and History (0.50)~~
- ~~HIST234 - The Catholic Church in Canada (0.50)~~
- ~~HIST255 - Changing Concepts of Childhood (0.50)~~
- ~~HIST380 - History of the Canadian North: From Pre-contact to the Creation of Nunavut (0.50)~~
- ~~HIST385 - From Macdonald to Laurier: Canada, 1841-1921 (0.50)~~
- ~~HIST388 - Modern Canada (0.50)~~
- ~~RCS245 - The Catholic Church in Canada (0.50)~~
- ~~SDS220R - Changing Concepts of Childhood (0.50)~~
- ~~Complete 2 of the following~~
- ~~HIST257 - The United States Through the Civil War Era (0.50)~~
- ~~HIST258 - The United States Since the Civil War Era (0.50)~~
- ~~HIST263 - The Age of Revolution: Europe in the 19th Century (0.50)~~
- ~~HIST271 - Global Indigenous Issues (0.50)~~
- ~~HIST274 - Introduction to African History (0.50)~~

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?
Yes,

Cross-Listings Options
All cross-listings to be displayed,

Proposed

Additional Constraints

1. Students may only complete one course from any cross-listed set.
2. Students may use no more than 1.0 unit of HIST 100-level courses.
3. A minimum of 1.5 units of HIST courses must be at the 300-level.

Existing

Additional Constraints

1. Students may only complete one course from any cross-listed set
2. Students may use no more than 1.0 unit of HIST 100-level courses.
3. A minimum of 1.5 units of HIST courses must be at the 300-level.

Notes

- Visit the Department of History website for further information.

Specializations

Specializations for this Major
Yes - Optional,

Specialization Details

Students may choose to focus their elective choices by completing a maximum of one of three available specializations.

Specializations List

Global Interactions Specialization, HIST-International Relations Specialization, or Revolution, War, & Upheaval Specialization

Undergraduate Plan Guidelines

Workflow Information

Change to Undergraduate Communication Requirement
No,

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Arts

Dependencies

4G-History - History (Bachelor of Arts - Four-Year General)

Top

Effective Date and Career

Career
Undergraduate,

Proposed
Effective Term and Year Fall 2026
Existing
Effective Term and Year Fall 2025

Proposal Details

Proposal Type
Change,

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
No,

Creating or Changing Invalid Combinations

No,

Change to Learning Outcomes

No,

Rationale and Background for Change(s)

Following extensive consultation through both our curriculum committee and wider department, as well as a recent external review of our undergraduate program, we have decided to change some aspects of our curriculum, including the Four-Year General History plan. The main change is to our field program requirements.

As the external reviewers' report indicates, our current regional fields (American, Canadian, European, and International) "no longer reflect the state of the discipline" and are also overly focused on the Global North. By adding a Global History field, we will ensure that students engage with global scales of analysis that are increasingly common in History, learn about multiple regions of the world, and analyze key issues that have impacted the global community. This also aligns with the University of Waterloo's strategic plan, which focuses on addressing global challenges and encourages students to be "global citizens centred on humanity." Our other two fields will be Canadian History (which was a field previously), and pre-1800 History (which was previously a separate degree requirement, but not a field). At a practical level, the current field requirements are confusing to students and offer limited flexibility. Additionally, it has become difficult to offer some of these courses due to faculty departures and retirements. The new fields requirements can also be met far more easily, as students can choose from multiple courses at the 200 or 300-level for each.

The other changes to this plan build from the changes to our fields. Now that the field courses can be fulfilled at the 200 or 300-level, we have added a requirement that students must take three courses at the 200-level. To ensure balance across the different levels, we have also required students to take at least 3-300 level courses (1 fewer than before, but will likely do more through field requirements), and 3-400 level courses (same as before). Students will now have 3 elective courses as opposed to 6, but in practice they will have more flexibility due to the changes in field requirements and the openness for courses at the 200, 300, and 400-level. Overall, requiring three courses each at the 200, 300, and 400-level (above the field requirements) is simpler for students to understand than the previous requirements for each level.

Consultations (Departmental)

N/A

General Program/Plan Information

Faculty **Academic Unit**

Faculty of Arts

Department of History

Faculty
Faculty of Arts

Undergraduate Credential Type
Major

Program Type
Four Year General

Degree
Bachelor of Arts (Arts)

Program/Plan Name
History (Bachelor of Arts - Four-Year General)

Systems of Study
Regular,

Admissions

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative overall average of 60.0%.
- A minimum cumulative major average of 65.0%.

Graduation Requirements

- See Bachelor of Arts degree-level requirements.
- Complete a total of 8.0 units of HIST and approved courses.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - Complete all the following:
    - HIST250 - What is History? An Introduction to Historical Thinking (0.50)
    -
    - Complete all of the following
    - Complete 1 of the following:
    - CLAS210 - History of Ancient Law (0.50)
    - CLAS251 - Greek History (0.50)
    - CLAS252 - Roman History (0.50)
    - GSJ347 - Witches, Wives, and Whores (0.50)
    - HIST210 - History of Ancient Law (0.50)
    - HIST236 - Law and Society in the Middle Ages (0.50)
    - HIST242 - Greek History (0.50)

- HIST252 - Roman History (0.50)
- HIST260 - Medieval Europe c.300-c.1500 (0.50)
- HIST262 - Early Modern Europe 1450-1700 (0.50)
- HIST304 - Heresy and Religious Crises in Late Medieval Europe (0.50)
- HIST317 - History of Sexuality: The Pre-Modern Period (0.50)
- HIST329 - Origins of the Common Law (0.50)
- HIST347 - Witches, Wives, and Whores (0.50)
- HIST348 - The Radical Reformation (0.50)
- HIST379 - Reformation History (0.50)
- LS236 - Law and Society in the Middle Ages (0.50)
- MEDVL260 - Medieval Europe c.300-c.1500 (0.50)
- MEDVL304 - Heresy and Religious Crises in Late Medieval Europe (0.50)
- RCS342 - Heresy and Religious Crises in Late Medieval Europe (0.50)
- RCS343 - Reformation History (0.50)
- RCS344 - The Radical Reformation (0.50)
- SRF317 - History of Sexuality: The Pre-Modern Period (0.50)
-
- Complete 1 of the following:
- EASIA220R - The History of East Asian Communities in Canada (0.50)
- HIST209 - Smallpox to Medicare: Canadian Medical History (0.50)
- HIST221 - Racism and Response in Canadian History (0.50)
- HIST225 - History of Education in Canada (0.50)
- HIST226 - Canada in World War 2 (0.50)
- HIST231R - The History of East Asian Communities in Canada (0.50)
- HIST253 - Canada: Cultures and Conflicts in the Colonial Era (0.50)
- HIST254 - Canada Since 1867: A New Nation (0.50)
- HIST256 - Murder in Canadian History (0.50)
- HIST269 - Indigenous Histories in Canada (0.50)
- HIST277 - Canadian Legal History (0.50)
- **HIST324 - Gardens and Gardeners in Canada: A History (0.50)**
- **HIST328 - Matriarchs, Warriors, and Aunties: Indigenous Women in Canadian History (0.50)**
- **HIST342 - Cold War Canada (0.50)**
- HIST350 - Canada and the Americas (0.50)
- HIST351 - Canada: The Immigrant Experience (0.50)
- HIST374 - Canada's Social History (0.50)
- HIST389 - Canada in World Affairs (0.50)
- LS237 - Canadian Legal History (0.50)
- SDS205R - History of Education in Canada (0.50)
-
- Complete 1 of the following:
- **Course Not Found**
- **HIST232 - A History of Peace Movements (0.50)**
- **HIST235 - History of Christianity (0.50)**
- **HIST246 - Environmental History (0.50)**
- HIST268 - A Global History of Empires (0.50)
- HIST275 - The Modern World in Historical Perspective (0.50)
- **Course Not Found**
- **HIST311 - International Relations, 1890-1951 (0.50)**
- **HIST312 - The First World War (0.50)**
- **HIST318 - History of Sexuality: The Modern Period (0.50)**
- **HIST321 - Human Rights in Historical Perspective (0.50)**
- **HIST322 - Global History of the Detention Camp (0.50)**
- **HIST323 - Global History of the Prison (0.50)**
- **HIST369 - The Politics of Decolonization (0.50)**
- **LS331 - Human Rights in Historical Perspective (0.50)**
- **PACS203 - A History of Peace Movements (0.50)**
- **PSCI369 - The Politics of Decolonization (0.50)**
- **RCS240 - History of Christianity (0.50)**
- **SRF318 - History of Sexuality: The Modern Period (0.50)**
-
- Complete all of the following

- **Complete 1.5 additional units of HIST courses at the 200-level**
- **Complete 1.5 additional units of HIST courses at the 300-level**
- **Complete 1.5 additional units of HIST courses at the 400-level**
- **Complete 1.5 additional units at any level (see Additional Constraints).**
- ~~CLAS237 - The Ancient Near East and Egypt (0.50)~~
- ~~HIST110 - A History of the Western World 1 (0.50)~~
- ~~HIST115 - Crusading in the Middle Ages (0.50)~~
- ~~HIST201 - Columbus and After: New Worlds in the Americas (0.50)~~
- ~~HIST237 - The Ancient Near East and Egypt (0.50)~~
- ~~LS235 - History of Ancient Law (0.50)~~
- ~~MEDVL115 - Crusading in the Middle Ages (0.50)~~
- ~~HIST103 - Canadian History Through Biography (0.50)~~
- ~~HIST113 - Canadian Business History: Innovators and Entrepreneurs (0.50)~~
- ~~HIST224 - Food, Culture, and History (0.50)~~
- ~~HIST234 - The Catholic Church in Canada (0.50)~~
- ~~HIST255 - Changing Concepts of Childhood (0.50)~~
- ~~HIST380 - History of the Canadian North: From Pre-contact to the Creation of Nunavut (0.50)~~
- ~~HIST385 - From Macdonald to Laurier: Canada, 1841-1921 (0.50)~~
- ~~HIST388 - Modern Canada (0.50)~~
- ~~RCS245 - The Catholic Church in Canada (0.50)~~
- ~~SDS220R - Changing Concepts of Childhood (0.50)~~
- ~~Complete 3 of the following~~
- ~~HIST257 - The United States Through the Civil War Era (0.50)~~
- ~~HIST258 - The United States Since the Civil War Era (0.50)~~
- ~~HIST263 - The Age of Revolution: Europe in the 19th Century (0.50)~~
- ~~HIST271 - Global Indigenous Issues (0.50)~~
- ~~HIST274 - Introduction to African History (0.50)~~
- ~~Complete 1.5 units of the following list of HIST topics courses (see Additional Constraints).~~
- ~~Choose any of the following:~~
- ~~HIST421 - Special Topics in History (0.50)~~
- ~~HIST422 - Special Topics in History (0.50)~~
- ~~HIST450 - Making History (0.50)~~

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?
Yes,

Cross-Listings Options
All cross-listings to be displayed,

Proposed

Additional Constraints

1. Students may only complete one course from any cross-listed set.
2. Students may use no more than 1.0 unit of HIST 100-level courses.
3. The fourth-year topics courses are repeatable courses. Individual instructors choose the topic on which the course will focus. Students may take a combination of different courses or different topics (provided that the topics are distinct from each other) to meet the

requirement.

Existing

Additional Constraints

1. Students may only complete one course from any cross-listed set
2. Students may use no more than 1.0 unit of HIST 100-level courses.
3. A minimum of 2.0 units of HIST courses must be at the 300-level.
4. The fourth-year topics courses are repeatable courses. Individual instructors choose the topic on which the course will focus. Students may take a combination of different courses or different topics (provided that the topics are distinct from each other) to meet the requirement.

Notes

- Visit the Department of History website for further information.

Specializations

Specializations for this Major
Yes - Optional,

Specialization Details

Students may choose to focus their elective choices by completing a maximum of one of three available specializations.

Specializations List

Global Interactions Specialization, HIST-International Relations Specialization, or Revolution, War, & Upheaval Specialization

Undergraduate Plan Guidelines

Workflow Information

Change to Undergraduate Communication Requirement
No,

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Arts

Dependencies

H-History - History (Bachelor of Arts - Honours)

Top

Effective Date and Career

Career

Proposed

Undergraduate,

Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
No,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

Following extensive consultation through both our curriculum committee and wider department, as well as a recent external review of our undergraduate program, we have decided to change some aspects of our curriculum, including the Honours History plan. The main change is to our field program requirements.

As the external reviewers' report indicates, our current regional fields (American, Canadian, European, and International) "no longer reflect the state of the discipline" and are also overly focused on the Global North. By adding a Global History field, we will ensure that students engage with global scales of analysis that are increasingly common in History, learn about multiple regions of the world, and analyze key issues that have impacted the global community. This also aligns with the University of Waterloo's strategic plan, which focuses on addressing global challenges and encourages students to be "global citizens centred on humanity." Our other two fields will be Canadian History (which was a field previously), and pre-1800 History (which was previously a separate degree requirement, but not a field). At a practical level, the current field requirements are confusing to students and offer limited flexibility. Additionally, it has become difficult to offer some of these courses due to faculty departures and retirements. The new fields requirements can also be met far more easily, as students can choose from multiple courses at the 200 or 300-level for each.

The other changes to this plan build from the changes to our fields. Now that the field courses can be fulfilled at the 200 or 300-level, we have added a requirement that students must take three courses at the 200-level. To ensure balance across the different levels, we have also required students to take at least 3-300 level courses (1 fewer than before, but will likely do more through field requirements), and 3-400 level courses (same as before). Students will now have 3 elective courses as opposed to 6, but in practice they will have more flexibility due to the changes in field requirements and the openness for courses at the 200, 300, and 400-level. Overall, requiring three courses each at the 200, 300, and 400-level (above the field requirements) is simpler for students to understand than the previous requirements for each level.

Consultations (Departmental)

N/A

General Program/Plan Information

Faculty

Faculty of Arts

Academic Unit

Department of History

Faculty

Faculty of Arts

Undergraduate Credential Type
Major

Program Type
Honours

Degree
Bachelor of Arts (Arts)

Program/Plan Name
History (Bachelor of Arts - Honours)

Systems of Study
Co-operative, Regular,

Admissions

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative overall average of 60.0%.
- A minimum cumulative major average of 70.0%.

Graduation Requirements

- See Bachelor of Arts degree-level requirements.
- Complete a total of 8.0 units of HIST and approved courses.

Co-operative Education Program Requirements

For students in the co-operative system of study, see Bachelor of Arts co-operative education program requirements.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - Complete all the following:
    - HIST250 - What is History? An Introduction to Historical Thinking (0.50)
    -
    - Complete all of the following
    - Complete 1 of the following:
    - CLAS210 - History of Ancient Law (0.50)
    - CLAS251 - Greek History (0.50)
    - CLAS252 - Roman History (0.50)
    - GSJ347 - Witches, Wives, and Whores (0.50)
    - HIST210 - History of Ancient Law (0.50)
    - HIST236 - Law and Society in the Middle Ages (0.50)
    - HIST242 - Greek History (0.50)
    - HIST252 - Roman History (0.50)
    - HIST260 - Medieval Europe c.300-c.1500 (0.50)
    - HIST262 - Early Modern Europe 1450-1700 (0.50)

- HIST304 - Heresy and Religious Crises in Late Medieval Europe (0.50)
- HIST317 - History of Sexuality: The Pre-Modern Period (0.50)
- HIST329 - Origins of the Common Law (0.50)
- HIST347 - Witches, Wives, and Whores (0.50)
- HIST348 - The Radical Reformation (0.50)
- HIST379 - Reformation History (0.50)
- LS236 - Law and Society in the Middle Ages (0.50)
- MEDVL260 - Medieval Europe c.300-c.1500 (0.50)
- MEDVL304 - Heresy and Religious Crises in Late Medieval Europe (0.50)
- RCS342 - Heresy and Religious Crises in Late Medieval Europe (0.50)
- RCS343 - Reformation History (0.50)
- RCS344 - The Radical Reformation (0.50)
- SRF317 - History of Sexuality: The Pre-Modern Period (0.50)
-
- Complete 1 of the following:
- EASIA220R - The History of East Asian Communities in Canada (0.50)
- HIST209 - Smallpox to Medicare: Canadian Medical History (0.50)
- HIST221 - Racism and Response in Canadian History (0.50)
- HIST225 - History of Education in Canada (0.50)
- HIST226 - Canada in World War 2 (0.50)
- HIST231R - The History of East Asian Communities in Canada (0.50)
- HIST253 - Canada: Cultures and Conflicts in the Colonial Era (0.50)
- HIST254 - Canada Since 1867: A New Nation (0.50)
- HIST256 - Murder in Canadian History (0.50)
- HIST269 - Indigenous Histories in Canada (0.50)
- HIST277 - Canadian Legal History (0.50)
- **HIST324 - Gardens and Gardeners in Canada: A History (0.50)**
- **HIST328 - Matriarchs, Warriors, and Aunties: Indigenous Women in Canadian History (0.50)**
- **HIST342 - Cold War Canada (0.50)**
- HIST350 - Canada and the Americas (0.50)
- HIST351 - Canada: The Immigrant Experience (0.50)
- HIST374 - Canada's Social History (0.50)
- HIST389 - Canada in World Affairs (0.50)
- LS237 - Canadian Legal History (0.50)
- SDS205R - History of Education in Canada (0.50)
-
- Complete 1 of the following:
- **Course Not Found**
- **HIST232 - A History of Peace Movements (0.50)**
- **HIST235 - History of Christianity (0.50)**
- **HIST246 - Environmental History (0.50)**
- HIST268 - A Global History of Empires (0.50)
- HIST275 - The Modern World in Historical Perspective (0.50)
- **Course Not Found**
- **HIST311 - International Relations, 1890-1951 (0.50)**
- **HIST312 - The First World War (0.50)**
- **HIST318 - History of Sexuality: The Modern Period (0.50)**
- **HIST321 - Human Rights in Historical Perspective (0.50)**
- **HIST322 - Global History of the Detention Camp (0.50)**
- **HIST323 - Global History of the Prison (0.50)**
- **HIST369 - The Politics of Decolonization (0.50)**
- **LS331 - Human Rights in Historical Perspective (0.50)**
- **PACS203 - A History of Peace Movements (0.50)**
- **PSCI369 - The Politics of Decolonization (0.50)**
- **RCS240 - History of Christianity (0.50)**
- **SRF318 - History of Sexuality: The Modern Period (0.50)**
-
- Complete all of the following
- **Complete 1.5 additional units of HIST courses at the 200-level**
- **Complete 1.5 additional units of HIST courses at the 300-level**
- **Complete 1.5 additional units of HIST courses at the 400-level**

- **Complete 1.5 additional units at any level (see Additional Constraints)**
- ~~CLAS237 - The Ancient Near East and Egypt (0.50)~~
- ~~HIST110 - A History of the Western World 1 (0.50)~~
- ~~HIST115 - Crusading in the Middle Ages (0.50)~~
- ~~HIST201 - Columbus and After: New Worlds in the Americas (0.50)~~
- ~~HIST237 - The Ancient Near East and Egypt (0.50)~~
- ~~LS235 - History of Ancient Law (0.50)~~
- ~~MEDVL115 - Crusading in the Middle Ages (0.50)~~
- ~~HIST103 - Canadian History Through Biography (0.50)~~
- ~~HIST113 - Canadian Business History: Innovators and Entrepreneurs (0.50)~~
- ~~HIST224 - Food, Culture, and History (0.50)~~
- ~~HIST234 - The Catholic Church in Canada (0.50)~~
- ~~HIST255 - Changing Concepts of Childhood (0.50)~~
- ~~HIST380 - History of the Canadian North: From Pre-contact to the Creation of Nunavut (0.50)~~
- ~~HIST385 - From Macdonald to Laurier: Canada, 1841-1921 (0.50)~~
- ~~HIST388 - Modern Canada (0.50)~~
- ~~RCS245 - The Catholic Church in Canada (0.50)~~
- ~~SDS220R - Changing Concepts of Childhood (0.50)~~
- ~~Complete 3 of the following~~
- ~~HIST257 - The United States Through the Civil War Era (0.50)~~
- ~~HIST258 - The United States Since the Civil War Era (0.50)~~
- ~~HIST263 - The Age of Revolution: Europe in the 19th Century (0.50)~~
- ~~HIST271 - Global Indigenous Issues (0.50)~~
- ~~HIST274 - Introduction to African History (0.50)~~
- ~~Complete 1.5 units of the following list of HIST topics courses.~~
- ~~Choose any of the following:~~
- ~~HIST421 - Special Topics in History (0.50)~~
- ~~HIST422 - Special Topics in History (0.50)~~
- ~~HIST450 - Making History (0.50)~~

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?
Yes,

Cross-Listings Options
All cross-listings to be displayed,

Proposed

Additional Constraints

1. Students may only complete one course from any cross-listed set.
2. Students may use no more than 1.0 unit of HIST 100-level courses.
3. The fourth-year topics courses are repeatable courses. Individual instructors choose the topic on which the course will focus. Students may take a combination of different courses or different topics (provided that the topics are distinct from each other) to meet the requirement.

Existing

Additional Constraints

1. Students may only complete one course from any cross-listed set
2. Students may use no more than 1.0 unit of HIST 100-level courses.
3. A minimum of 2.0 units of HIST courses must be at the 300-level.
4. The fourth-year topics courses are repeatable courses. Individual instructors choose the topic on which the course will focus. Students may take a combination of different courses or different topics (provided that the topics are distinct from each other) to meet the requirement.

Notes

- Visit the Department of History website for further information.

Specializations

Specializations for this Major

Specialization Details

Yes - Optional,

Students may choose to focus their elective choices by completing a maximum of one of three available specializations.

Specializations List

Global Interactions Specialization, HIST-International Relations Specialization, or Revolution, War, & Upheaval Specialization

Undergraduate Plan Guidelines

Workflow Information

Change to Undergraduate Communication Requirement
No,

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Arts

Dependencies

History Minor - History Minor

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2023

Proposal Details

Proposal Type
Change,

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
Not Applicable,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

The requirement of having a course above 250 is based on the idea that our 200-level courses above 250 were more specialized than those below 250. This distinction no longer applies to our courses in

practice and is confusing to students.

By adding a requirement for students to take one 300-level course, we will ensure that they take one specialized, upper-level course as part of their minor. This is in keeping with some other programs in Arts, such as Political Science.

Consultations (Departmental)

Consultation at the department level

General Program/Plan Information

Faculty

Faculty of Arts

Academic Unit

Department of History

Faculty
Faculty of Arts

Undergraduate Credential Type
Minor

Program/Plan Name
History Minor

Admissions

Admissions Entry Point
Declare Plan,

Declaration Audience
This credential is open to students enrolled in any degree program.

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative minor average of 65.0%.

Graduation Requirements

- Complete a total of 4.0 units of HIST courses.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - **Complete 0.5 unit of HIST courses at the 300-level**
    - **Complete 2.5 additional units of HIST courses at the 200-level or above**
    - **Complete 1.0 additional unit of HIST courses at any level (see Additional Constraints)**
    - ~~Complete at least 2 courses from HIST 250 - 499~~
    - ~~Complete 3.0 additional units of HIST courses~~

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?
No,

Additional Constraints

1. Students may use no more than 1.0 unit of HIST 100-level courses.

Notes

- Visit the Department of History website for further information.

Specializations

Undergraduate Plan Guidelines

Adherence to Academic Plan Guidelines
Yes,

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Arts

Dependencies

3G-Gender & Social Justice - Gender and Social Justice (Bachelor of Arts - Three-Year General)

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-05-29

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements

No,

Creating or Changing Invalid Combinations

No,

Change to Learning Outcomes

No,

Rationale and Background for Change(s)

This set of changes responds to the Gender and Social Justice (GSJ) Program's last external review. The proposed changes address the following actionable recommendations:

- Retire GSJ101 and GSJ102 and replace both with a new required course (GSJ100).
- Streamline required courses to ensure sufficient enrolments
- Update the Gender and Social Justice Program to align with cutting-edge pedagogy, theory, and practice in the field.

Additional benefits of these changes include:

- Providing students with a strong foundation in the theoretical aspects of gender and social justice, namely feminist theory and gender theory.
- Offering students increased flexibility to develop areas of specialization in gender studies.
- Improving the student experience by fostering a sense of community.
- Removing barriers and making it easier to for students to enter progress through the various plans. Many students join GSJ later in their tenure at Waterloo, and the removal of prerequisites and reduction in the number of required courses makes this transition easier for students.

The GSJ committee conducted a systematic analysis of the Gender Studies Programs from 15 peer programs at Canadian universities. Although there is significant variation among programs, the proposed changes align with those of strong peer institutions.

Focus groups provided the opportunity for current GSJ students to discuss their experiences and to express their ideas about the program to the GSJ program committee.

The Gender and Social Justice Program Committee, comprising faculty members with expertise in gender studies whose home discipline include Black Studies, Communication Studies, English, History, Philosophy, and Recreation and Leisure Studies, unanimously approved this set of changes.

RO post-approval work: Removing ENGL208N (retired at Sept 2025 SUC).

Consultations (Departmental)

The GSJ committee discussed and agreed upon the changes before the GSJ advisor brought them to the

Philosophy department meeting, where they were voted on and approved.

General Program/Plan Information

Faculty

Faculty of Arts

Academic Unit

Department of Philosophy

Faculty
Faculty of Arts

Undergraduate Credential Type
Major

Program Type
Three Year General

Degree
Bachelor of Arts (Arts)

Program/Plan Name
Gender and Social Justice (Bachelor of Arts - Three-Year General)

Systems of Study
Regular,

Admissions

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative overall average of 60.0%.
- A minimum cumulative major average of 65.0%.

Graduation Requirements

- See Bachelor of Arts degree-level requirements.
- Complete a total of 6.0 units of GSJ courses and approved courses.

1. Required Courses
    - 0Units to Complete
    -
    - No Rules

1. Required Courses
    -
    - Complete all the following:
    - **Course Not Found**
    - GSJ222 - Gender Issues (0.50)

- **Course Not Found**
-
- Approved Courses List
-
- Complete all of the following
- **Complete 4.5 additional units of GSJ courses or from the following list of courses**
- Choose any of the following:
- CI250 - Truth - Reconciliation - Story (0.50)
- CLAS311 - Sex and Gender in the Ancient World (0.50)
- COMMST226 - Introduction to Race, Culture, and Communication (0.50)
- COMMST301 - Topics in Gender and Sexuality in Communication (0.50)
- COMMST302 - Topics in Race, Culture, and Communication (0.50)
- COMMST402 - Advanced Race, Culture, and Communication (0.50)
- COMMST430 - Communication and Social Justice (0.50)
- COMMST471 - Communication, Resistance, and Social Change (0.50)
- ENGL248 - Literature for an Ailing Planet (0.50)
- ENGL325 - Austen (0.50)
- ENGL407 - Language and Politics (0.50)
- ENGL463 - Postcolonial Literatures (0.50)
- ERS225 - Gendering Environmental Politics (0.50)
- ERS265 - Water: Environmental History and Change (0.50)
- ERS288 - Literature for an Ailing Planet (0.50)
- FR485 - Women's Writing in French (0.50)
- GERON352 - Sociology of Aging (0.50)
- GSJ463 - Postcolonial Literatures (0.50)
- HIST209 - Smallpox to Medicare: Canadian Medical History (0.50)
- HIST255 - Changing Concepts of Childhood (0.50)
- HIST271 - Global Indigenous Issues (0.50)
- HIST277 - Canadian Legal History (0.50)
- HIST351 - Canada: The Immigrant Experience (0.50)
- HLTH101 - Introduction to Health 1 (0.50)
- HLTH102 - Introduction to Health 2 (0.50)
- HLTH352 - Sociology of Aging (0.50)
- INDG216 - Indigenous Visual Culture in Canada (0.50)
- INTEG221 - The Social Nature of Knowledge (0.50)
- ITALST111 - Women, Sex, Marriage, and Family Traditions in Italy (0.50)
- ITALST392 - Modern Italian Poetry and Theatre (0.50)
- JS218 - Seduction, Rivalry, and Dysfunction in the Bible (0.50)
- KIN352 - Sociology of Aging (0.50)
- LS237 - Canadian Legal History (0.50)
- LS464 - Justice and Gender (0.50)
- LS471 - Communication, Resistance, and Social Change (0.50)
- LS492 - Communication and Social Justice (0.50)
- PHIL201 - Philosophy of Sex and Love (0.50)
- PHIL291 - The Social Nature of Knowledge (0.50)
- PHIL302 - Topics in Feminist Philosophy (0.50)
- PSCI370 - Gender and Politics (0.50)
- PSCI420 - Gender and Global Politics (0.50)
- PSCI421 - Justice and Gender (0.50)
- PSCI472 - Gender and Public Policy (0.50)
- PSYCH235 - Psychological Perspectives on Gender and Sex (0.50)
- PSYCH236 - A Psychological Analysis of Human Sexuality (0.50)
- PSYCH318 - Psychosexual Organization (0.50)
- REC201 - Introduction to Leisure, Equity, Diversity, and Inclusion for Just Communities (0.50)
- REC362 - Sociology of Aging (0.50)
- REC373 - Qualitative Approaches to Leisure Research (0.50)
- RCS218 - Seduction, Rivalry, and Dysfunction in the Bible (0.50)
- RCS221 - Islam, the West, and the Modern World (0.50)
- RCS254 - Christian Sexual Ethics (0.50)
- SDS220R - Changing Concepts of Childhood (0.50)

- SDS310R - Disability and Society (0.50)
- SDS354R - Values and Contemporary Families (0.50)
- SDS357R - Family Violence (0.50)
- SDS410R - Queer and Trans Studies (0.50)
- SDS415R - Gender Relations within Educational Institutions (0.50)
- SI121R - Islam in the World (0.50)
- SI221R - Islam, the West, and the Modern World (0.50)
- SRF101 - Introduction to Sexualities, Relationships, and Families (0.50)
- SRF111 - Women, Sex, Marriage, and Family Traditions in Italy (0.50)
- SRF204 - Introduction to Human Sexualities (0.50)
- SOC352 - Sociology of Aging (0.50)
- SOCWK357R - Family Violence (0.50)
- SPAN150 - Welcome to Latin America (0.50)
- SPAN387 - Gender, Power, and Representations in Latin America (0.50)
- SPAN400 - Memory, Human Rights, and Reconciliation (0.50)
- VCULT216 - Indigenous Visual Culture in Canada (0.50)
- VCULT281 - Art and Gender (0.50)
- ~~GSJ101 - Introduction to Gender and Social Justice: the Global North (0.50)~~
- ~~GSJ102 - Introduction to Gender and Social Justice: The Global South (0.50)~~
- ~~GSJ203 - The Waves of Feminist Thought (0.50)~~
- ~~GSJ302 - Thinking Through Gender: Feminist Perspectives (0.50)~~
- ~~GSJ304 - Research as Resistance (0.50)~~
- ~~Complete 1 of the following:~~
- ~~PHIL202 - Gender Issues (0.50)~~
- ~~Complete 3.0 additional units of GSJ courses or from the following list of courses~~
- ~~ENGL208N - Sex in Literature (0.50)~~

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?

Yes,

Cross-Listings Options

All cross-listings to be displayed,

Additional Constraints

1. Students may only complete one course from any cross-listed set.
2. Relevant special topics or readings courses not listed in the approved course list may be permitted at the discretion of the Gender and Social Justice academic advisor.

Notes

- Visit the Gender and Social Justice website for further information.

Specializations

Specializations for this Major
No,

Undergraduate Plan Guidelines

Workflow Information

Change to Undergraduate Communication Requirement
No,

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Arts

Dependencies

4G-Gender & Social Justice - Gender and Social Justice (Bachelor of Arts - Four-Year General)

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-05-29

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
No,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

This set of changes responds to the Gender and Social Justice (GSJ) Program's last external review. The proposed changes address the following actionable recommendations:

- Retire GSJ101 and GSJ102 and replace both with a new required course (GSJ100).
- Streamline required courses to ensure sufficient enrolments
- Update the Gender and Social Justice Program to align with cutting-edge pedagogy, theory, and practice in the field.

Additional benefits of these changes include:

- Providing students with a strong foundation in the theoretical aspects of gender and social justice, namely feminist theory and gender theory.
- Offering students increased flexibility to develop areas of specialization in gender studies.
- Improving the student experience by fostering a sense of community.
- Removing barriers and making it easier to for students to enter progress through the various plans. Many students join GSJ later in their tenure at Waterloo, and the removal of prerequisites and reduction in the number of required courses makes this transition easier for students.

The GSJ committee conducted a systematic analysis of the Gender Studies Programs from 15 peer programs at Canadian universities. Although there is significant variation among programs, the proposed changes align with those of strong peer institutions.

Focus groups provided the opportunity for current GSJ students to discuss their experiences and to express their ideas about the program to the GSJ program committee.

The Gender and Social Justice Program Committee, comprising faculty members with expertise in gender studies whose home discipline include Black Studies, Communication Studies, English, History, Philosophy, and Recreation and Leisure Studies, unanimously approved this set of changes.

RO post-approval work: Removing ENGL208N (retired at Sept 2025 SUC).

Consultations (Departmental)

The GSJ committee discussed and agreed upon the changes before the GSJ advisor brought them to the Philosophy department meeting, where they were voted on and approved.

General Program/Plan Information

Faculty

Faculty of Arts

Academic Unit

Department of Philosophy

Faculty
Faculty of Arts

Undergraduate Credential Type
Major

Program Type
Four Year General

Degree
Bachelor of Arts (Arts)

Program/Plan Name
Gender and Social Justice (Bachelor of Arts - Four-Year General)

Systems of Study

Regular,

Admissions

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative overall average of 60.0%.
- A minimum cumulative major average of 65.0%.

Graduation Requirements

- See Bachelor of Arts degree-level requirements.
- Complete a total of 8.0 units of GSJ courses and approved courses.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - Complete all the following:
    - **Course Not Found**
    - GSJ222 - Gender Issues (0.50)
    - **Course Not Found**
    -
    - **Complete at least 1 courses from GSJ 400 - 499**
    -
    - Approved Courses List
    -
    - Complete all of the following
    - **Complete 6.0 additional units of GSJ courses or from the following list of courses**
    - Choose any of the following:
    - CI250 - Truth - Reconciliation - Story (0.50)
    - CLAS311 - Sex and Gender in the Ancient World (0.50)
    - COMMST226 - Introduction to Race, Culture, and Communication (0.50)
    - COMMST301 - Topics in Gender and Sexuality in Communication (0.50)
    - COMMST302 - Topics in Race, Culture, and Communication (0.50)
    - COMMST402 - Advanced Race, Culture, and Communication (0.50)
    - COMMST430 - Communication and Social Justice (0.50)
    - COMMST471 - Communication, Resistance, and Social Change (0.50)
    - ENGL248 - Literature for an Ailing Planet (0.50)
    - ENGL325 - Austen (0.50)
    - ENGL407 - Language and Politics (0.50)
    - ENGL463 - Postcolonial Literatures (0.50)
    - ERS225 - Gendering Environmental Politics (0.50)
    - ERS265 - Water: Environmental History and Change (0.50)
    - ERS288 - Literature for an Ailing Planet (0.50)
    - FR485 - Women’s Writing in French (0.50)
    - GERON352 - Sociology of Aging (0.50)
    - GSJ463 - Postcolonial Literatures (0.50)
    - HIST209 - Smallpox to Medicare: Canadian Medical History (0.50)
    - HIST255 - Changing Concepts of Childhood (0.50)
    - HIST271 - Global Indigenous Issues (0.50)
    - HIST277 - Canadian Legal History (0.50)
    - HIST351 - Canada: The Immigrant Experience (0.50)
    - HLTH101 - Introduction to Health 1 (0.50)
    - HLTH102 - Introduction to Health 2 (0.50)
    - HLTH352 - Sociology of Aging (0.50)
    - INDG216 - Indigenous Visual Culture in Canada (0.50)
    - INTEG221 - The Social Nature of Knowledge (0.50)
    - ITALST111 - Women, Sex, Marriage, and Family Traditions in Italy (0.50)
    - ITALST392 - Modern Italian Poetry and Theatre (0.50)
    - JS218 - Seduction, Rivalry, and Dysfunction in the Bible (0.50)
    - KIN352 - Sociology of Aging (0.50)

- LS237 - Canadian Legal History (0.50)
- LS464 - Justice and Gender (0.50)
- LS471 - Communication, Resistance, and Social Change (0.50)
- LS492 - Communication and Social Justice (0.50)
- PHIL201 - Philosophy of Sex and Love (0.50)
- PHIL291 - The Social Nature of Knowledge (0.50)
- PHIL302 - Topics in Feminist Philosophy (0.50)
- PSCI370 - Gender and Politics (0.50)
- PSCI420 - Gender and Global Politics (0.50)
- PSCI421 - Justice and Gender (0.50)
- PSCI472 - Gender and Public Policy (0.50)
- PSYCH235 - Psychological Perspectives on Gender and Sex (0.50)
- PSYCH236 - A Psychological Analysis of Human Sexuality (0.50)
- PSYCH318 - Psychosexual Organization (0.50)
- REC201 - Introduction to Leisure, Equity, Diversity, and Inclusion for Just Communities (0.50)
- REC362 - Sociology of Aging (0.50)
- REC373 - Qualitative Approaches to Leisure Research (0.50)
- RCS218 - Seduction, Rivalry, and Dysfunction in the Bible (0.50)
- RCS221 - Islam, the West, and the Modern World (0.50)
- RCS254 - Christian Sexual Ethics (0.50)
- SDS220R - Changing Concepts of Childhood (0.50)
- SDS310R - Disability and Society (0.50)
- SDS354R - Values and Contemporary Families (0.50)
- SDS357R - Family Violence (0.50)
- SDS410R - Queer and Trans Studies (0.50)
- SDS415R - Gender Relations within Educational Institutions (0.50)
- SI121R - Islam in the World (0.50)
- SI221R - Islam, the West, and the Modern World (0.50)
- SRF101 - Introduction to Sexualities, Relationships, and Families (0.50)
- SRF111 - Women, Sex, Marriage, and Family Traditions in Italy (0.50)
- SRF204 - Introduction to Human Sexualities (0.50)
- SOC352 - Sociology of Aging (0.50)
- SOCWK357R - Family Violence (0.50)
- SPAN150 - Welcome to Latin America (0.50)
- SPAN387 - Gender, Power, and Representations in Latin America (0.50)
- SPAN400 - Memory, Human Rights, and Reconciliation (0.50)
- VCULT216 - Indigenous Visual Culture in Canada (0.50)
- VCULT281 - Art and Gender (0.50)
- ~~GSJ101 - Introduction to Gender and Social Justice: the Global North (0.50)~~
- ~~GSJ102 - Introduction to Gender and Social Justice: The Global South (0.50)~~
- ~~GSJ203 - The Waves of Feminist Thought (0.50)~~
- ~~GSJ302 - Thinking Through Gender: Feminist Perspectives (0.50)~~
- ~~GSJ304 - Research as Resistance (0.50)~~
- ~~GSJ472 - Special Topics in Intersectional Feminist Theory (0.50)~~
- ~~GSJ473 - Special Topics in Feminist and Social Justice Praxis (0.50)~~
- ~~Complete 1 of the following:~~
- ~~PHIL202 - Gender Issues (0.50)~~
- ~~Complete 4.0 additional units of GSJ courses or from the following list of courses~~
- ~~ENGL208N - Sex in Literature (0.50)~~

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?

Yes,

Cross-Listings Options

All cross-listings to be displayed,

Additional Constraints

1. Students may only complete one course from any cross-listed set.
2. Relevant special topics or readings courses not listed in the approved course list may be permitted at the discretion of the Gender and Social Justice academic advisor.

Notes

- Visit the Gender and Social Justice website for further information.

Specializations

Specializations for this Major
No,

Undergraduate Plan Guidelines

Workflow Information

Change to Undergraduate Communication Requirement
No,

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Arts

Dependencies

H-Gender & Social Justice - Gender and Social Justice (Bachelor of Arts - Honours)

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-05-29

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
No,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes

No,

Rationale and Background for Change(s)

This set of changes responds to the Gender and Social Justice (GSJ) Program's last external review. The proposed changes address the following actionable recommendations:

- Retire GSJ101 and GSJ102 and replace both with a new required course (GSJ100).
- Streamline required courses to ensure sufficient enrolments
- Update the Gender and Social Justice Program to align with cutting-edge pedagogy, theory, and practice in the field.

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- Offering students increased flexibility to develop areas of specialization in gender studies.
- Improving the student experience by fostering a sense of community.
- Removing barriers and making it easier to for students to enter progress through the various plans. Many students join GSJ later in their tenure at Waterloo, and the removal of prerequisites and reduction in the number of required courses makes this transition easier for students.

The GSJ committee conducted a systematic analysis of the Gender Studies Programs from 15 peer programs at Canadian universities. Although there is significant variation among programs, the proposed changes align with those of strong peer institutions.

Focus groups provided the opportunity for current GSJ students to discuss their experiences and to express their ideas about the program to the GSJ program committee.

The Gender and Social Justice Program Committee, comprising faculty members with expertise in gender studies whose home discipline include Black Studies, Communication Studies, English, History, Philosophy, and Recreation and Leisure Studies, unanimously approved this set of changes.

RO post-approval work: Removing ENGL208N (retired at Sept 2025 SUC).

Consultations (Departmental)

Students were consulted as part of an external review. Additionally, and more recently, GSJ invited all majors and minors to comment on the program, and Carla Fehr met with a small group of GSJ students. The proposed changes are consistent with student suggestions.

General Program/Plan Information

Faculty **Academic Unit**

Faculty of Arts

Department of Philosophy

Faculty
Faculty of Arts

Undergraduate Credential Type
Major

Program Type
Honours

Degree
Bachelor of Arts (Arts)

Program/Plan Name
Gender and Social Justice (Bachelor of Arts - Honours)

Systems of Study
Co-operative, Regular,

Admissions

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative overall average of 60.0%.
- A minimum cumulative major average of 70.0%.

Graduation Requirements

- See Bachelor of Arts degree-level requirements.
- Complete a total of 8.0 units of GSJ courses and approved courses.

Co-operative Education Program Requirements

For students in the co-operative system of study, see Bachelor of Arts co-operative education program requirements.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - Complete all the following:
    - **Course Not Found**
    - GSJ222 - Gender Issues (0.50)
    - **Course Not Found**
    -
    - **Complete at least 1 courses from GSJ 400 - 499**
    -

- Approved Courses List
-
- Complete all of the following
- **Complete 6.0 additional units of GSJ courses or from the following list of courses**
- Choose any of the following:
- CI250 - Truth - Reconciliation - Story (0.50)
- CLAS311 - Sex and Gender in the Ancient World (0.50)
- COMMST226 - Introduction to Race, Culture, and Communication (0.50)
- COMMST301 - Topics in Gender and Sexuality in Communication (0.50)
- COMMST302 - Topics in Race, Culture, and Communication (0.50)
- COMMST402 - Advanced Race, Culture, and Communication (0.50)
- COMMST430 - Communication and Social Justice (0.50)
- COMMST471 - Communication, Resistance, and Social Change (0.50)
- ENGL248 - Literature for an Ailing Planet (0.50)
- ENGL325 - Austen (0.50)
- ENGL407 - Language and Politics (0.50)
- ENGL463 - Postcolonial Literatures (0.50)
- ERS225 - Gendering Environmental Politics (0.50)
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- FR485 - Women's Writing in French (0.50)
- GERON352 - Sociology of Aging (0.50)
- GSJ463 - Postcolonial Literatures (0.50)
- HIST209 - Smallpox to Medicare: Canadian Medical History (0.50)
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- HIST277 - Canadian Legal History (0.50)
- HIST351 - Canada: The Immigrant Experience (0.50)
- HLTH101 - Introduction to Health 1 (0.50)
- HLTH102 - Introduction to Health 2 (0.50)
- HLTH352 - Sociology of Aging (0.50)
- INDG216 - Indigenous Visual Culture in Canada (0.50)
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- ITALST111 - Women, Sex, Marriage, and Family Traditions in Italy (0.50)
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- JS218 - Seduction, Rivalry, and Dysfunction in the Bible (0.50)
- KIN352 - Sociology of Aging (0.50)
- LS237 - Canadian Legal History (0.50)
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- LS471 - Communication, Resistance, and Social Change (0.50)
- LS492 - Communication and Social Justice (0.50)
- PHIL201 - Philosophy of Sex and Love (0.50)
- PHIL291 - The Social Nature of Knowledge (0.50)
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- PSCI370 - Gender and Politics (0.50)
- PSCI420 - Gender and Global Politics (0.50)
- PSCI421 - Justice and Gender (0.50)
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- PSYCH235 - Psychological Perspectives on Gender and Sex (0.50)
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- PSYCH318 - Psychosexual Organization (0.50)
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- RCS221 - Islam, the West, and the Modern World (0.50)
- RCS254 - Christian Sexual Ethics (0.50)
- SDS220R - Changing Concepts of Childhood (0.50)
- SDS310R - Disability and Society (0.50)
- SDS354R - Values and Contemporary Families (0.50)

- SDS357R - Family Violence (0.50)
- SDS410R - Queer and Trans Studies (0.50)
- SDS415R - Gender Relations within Educational Institutions (0.50)
- SI121R - Islam in the World (0.50)
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- ~~GSJ473 - Special Topics in Feminist and Social Justice Praxis (0.50)~~
- ~~Complete 1 of the following:~~
- ~~PHIL202 - Gender Issues (0.50)~~
- ~~Complete 4.0 additional units of GSJ courses or from the following list of courses~~
- ~~ENGL208N - Sex in Literature (0.50)~~

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?

Yes,

Cross-Listings Options

All cross-listings to be displayed,

Additional Constraints

1. Students may only complete one course from any cross-listed set.
2. Relevant special topics or readings courses not listed in the approved course list may be permitted at the discretion of the Gender and Social Justice academic advisor.

Notes

- Visit the Gender and Social Justice website for further information.

Specializations

Specializations for this Major
No,

Undergraduate Plan Guidelines

Workflow Information

Change to Undergraduate Communication Requirement
No,

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Arts

Dependencies

Gender & Social Justice Minor - Gender and Social Justice Minor

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2023

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-05-29

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
No,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

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- Improving the student experience by fostering a sense of community.
- Removing barriers and making it easier to for students to enter progress through the various plans. Many students join GSJ later in their tenure at Waterloo, and the removal of prerequisites and reduction in the number of required courses makes this transition easier for students.

The GSJ committee conducted a systematic analysis of the Gender Studies Programs from 15 peer programs at Canadian universities. Although there is significant variation among programs, the proposed changes align with those of strong peer institutions.

Focus groups provided the opportunity for current GSJ students to discuss their experiences and to express their ideas about the program to the GSJ program committee.

The Gender and Social Justice Program Committee, comprising faculty members with expertise in gender studies whose home discipline include Black Studies, Communication Studies, English, History, Philosophy, and Recreation and Leisure Studies, unanimously approved this set of changes.

Consultations (Departmental)

The GSJ committee discussed and agreed upon the changes before the GSJ advisor brought them to the Philosophy department meeting, where they were voted on and approved.

General Program/Plan Information

Faculty

Faculty of Arts

Academic Unit

Department of Philosophy

Faculty

Faculty of Arts

Undergraduate Credential Type
Minor

Program/Plan Name
Gender and Social Justice Minor

Admissions

Admissions Entry Point
Declare Plan,

Declaration Audience
This credential is open to students enrolled in any degree program.

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative minor average of 65.0%.

Graduation Requirements

- Complete a total of 4.0 units of GSJ courses.

1. Required Courses
   - oUnits to Complete
   -
   - No Rules

1. Required Courses
   -
   - **Complete all the following:**
   - **Course Not Found**
   - ~~No Rules~~

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?
No,

Notes

- Visit the Gender and Social Justice website for further information.

Specializations

Undergraduate Plan Guidelines

Adherence to Academic Plan Guidelines
Yes,

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Arts

Dependencies

English for Multilingual Speakers Diploma - Diploma in English for Multilingual Speakers

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2023

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-04

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
No,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

On March 7, 2025, Renison University College declared all English for Multilingual Speakers (EMLS) programming redundant. The last term that EMLS courses will be offered through Renison is Winter 2026. The EMLS 100-level courses are included as options for completing the University Communication Requirement for some plans in the Faculties of Mathematics and Engineering. All 100-level courses and the Diploma will be transferred to the Faculty of Arts and so will continue to be available to students.

Administrative note: The Faculty of Arts Academic Unit is presently shown as Dean of Arts Office but this will change to the School which will house the disciplines of Communication Arts and English, who will administer these courses.

Consultations (Departmental)

- Renison Academic Council, March 7, 2025
- Katherine Acheson, Associate Dean, Faculty of Arts
- George Lamont, Director, Undergraduate Communications Requirement Group (UCRG)

General Program/Plan Information

Proposed
Faculty 6364239d1702530015ae0c7d
Existing
Faculty 637b98ce9d0b790016e56c33

Proposed
Academic Unit 636423aacb9b040015c0111e
Existing
Academic Unit 637b9936157db80016d25ebd

Proposed
Faculty Faculty of Arts
Existing
Faculty Renison University College

Undergraduate Credential Type
Diploma

Program/Plan Name
Diploma in English for Multilingual Speakers

Admissions

Admissions Entry Point
Declare Plan,

Declaration Audience
This credential is open to students enrolled in degree programs or any non- or post-degree academic plan.

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative average of 65.0%.

Graduation Requirements

- Complete a total of 2.0 units of EMLS courses.

Course Requirements (units)

Required Courses

- oUnits to Complete
- No Rules

Course Requirements (no units)

Required Courses

- No Rules

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?
No,

Specializations

Undergraduate Plan Guidelines

Adherence to Academic Plan Guidelines
Yes,

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Renison University College | Faculty of Arts

Dependencies

Diversity & Equity Specialization - Diversity and Equity Specialization

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
Not Applicable,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes

No,

Rationale and Background for Change(s)

Ensuring all Social Development Studies plan codes are prerequisites, including new double-degree codes with the Bachelor of Social Work.

PSYCH352/PSYCH352R was inadvertently removed from the plan during the change to the new system so it is being added back in.
RO post-approval work: Removing ENGL208L/GSJ208L and GER200 (retired at Sept 2025 SUC).

Consultations (Departmental)

N/A internal.

General Program/Plan Information

Faculty

Renison University College

Academic Unit

Renison University College

Faculty
Faculty of Arts with Renison University College

Undergraduate Credential Type
Specialization

Program/Plan Name
Diversity and Equity Specialization

Admissions

1. 3G-Social Development Studies, 4G-Social Development Studies, H-Social Development Studies,
    - **Not Found**
    - **,**
    - **Not Found**
    - **, or**
    - **Not Found**

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement
No,

Graduation Requirements

- Complete a total of 3.0 units.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - Complete 4 of the following:
    - LS373 - Indigenous Peoples and Canadian Public Policy (0.50)
    - RCS242R - Religious Diversity and Social Development (0.50)
    - SDS242R - Religious Diversity and Social Development (0.50)
    - SDS310R - Disability and Society (0.50)
    - SDS311R - Indigenous Peoples and Canadian Public Policy (0.50)
    - SDS331R - Social Inequality, Social Justice, and Social Action (0.50)
    - SDS345R - Self-Development and Identity Formation: A Sociocultural Perspective (0.50)
    - SDS354R - Values and Contemporary Families (0.50)
    - SDS367R - Aging and Social Development (0.50)
    - SDS370R - International Learning Experience (0.50)
    - SDS405R - Cosmopolitanism and Social Development (0.50)
    - SDS410R - Queer and Trans Studies (0.50)
    - SDS411R - Decolonization and Social Action (0.50)
    - SDS415R - Gender Relations within Educational Institutions (0.50)
    - SDS421R - (Re)framing Indigenous-Settler Relations (0.50)
    - SDS425R - Educational Equity in Canada (0.50)
    - SDS449R - Prejudice and Discrimination (0.50)
    - SDS450R - Senior Seminar in Special Topics (0.50)
    - SDS490R - Special Studies (0.50)
    - SDS495R - Research Apprenticeship (0.50)
    - SDS496R - Applied Apprenticeship in Social Development Studies (0.50)
    - SDS499A - Senior Honours Essay/Thesis (0.50)
    - SDS499B - Senior Honours Essay/Thesis (0.50)
    - SOCWK301R - Understanding Diversity in Canada (0.50)
    - SOCWK356R - Developmental Disabilities and Families (0.50)
    - **PSYCH352 - Culture and Psychology (0.50)**
    - **PSYCH352R - Culture and Psychology (0.50)**
    -
    - Complete 1.0 additional unit from the list of courses above or the following list of approved courses

1. Approved Courses List
    -
    - Complete all of the following
    - Choose any of the following:
    - ANTH202 - Social and Cultural Anthropology (0.50)
    -

- Choose any of the following:
- CDNST201 - The Indigenous Experience in Canada (0.50)
-
- Choose any of the following:
- CI200 - Transcultural Studies (0.50)
- CI250 - Truth - Reconciliation - Story (0.50)
-
- Choose any of the following:
- COMMST226 - Introduction to Race, Culture, and Communication (0.50)
-
- Choose any of the following:
- EASIA346R - Global Asian Diasporas (0.50)
-
- Choose any of the following:
- ENGL108E - Gender and Representation (0.50)
- ENGL308 - Race and Resistance (0.50)
- ENGL346R - Global Asian Diasporas (0.50)
-
- Choose any of the following:
- FR373 - Languages in Contact: The History of French-English Bilingualism (0.50)
-
- Choose any of the following:
- GSJ101 - Introduction to Gender and Social Justice: the Global North (0.50)
- GSJ108 - Gender and Representation (0.50)
- GSJ201 - Gender and Social Justice in Popular Culture (0.50)
- GSJ206 - Women and the Law (0.50)
- GSJ302 - Thinking Through Gender: Feminist Perspectives (0.50)
- GSJ307 - Race and Resistance (0.50)
- GSJ315 - Islam, Women, and the Modern World (0.50)
-
- Choose any of the following:
- HIST221 - Racism and Response in Canadian History (0.50)
- HIST269 - Indigenous Histories in Canada (0.50)
- HIST271 - Global Indigenous Issues (0.50)
- HIST321 - Human Rights in Historical Perspective (0.50)
-
- Choose any of the following:
- INDEV300 - Culture and Ethics (0.50)
-
- Choose any of the following:
- INDG201 - The Indigenous Experience in Canada (0.50)
- INDG301 - Critical Theories of Indigeneity in a Global Perspective (0.50)
-
- Choose any of the following:
- LS201 - Women and the Law (0.50)
- LS226 - Sociology of Mental Disorder (0.50)
- LS331 - Human Rights in Historical Perspective (0.50)
- LS464 - Justice and Gender (0.50)
-
- Choose any of the following:
- PACS327 - Cultural Approaches to Conflict Resolution (0.50)
-
- Choose any of the following:
- PHIL204J - Philosophy and Culture (0.50)
- PHIL227 - Culture and Ethics (0.50)
- PHIL302 - Topics in Feminist Philosophy (0.50)
-
- Choose any of the following:
- PSCI324 - Issues in Contemporary Political Theory (0.50)
- PSCI421 - Justice and Gender (0.50)
-
- Choose any of the following:

- PSYCH355 - Intergroup Relations (0.50)
-
- Choose any of the following:
- RCS221 - Islam, the West, and the Modern World (0.50)
- RCS229 - Christianity and Social Change in Canada (0.50)
- RCS259 - Gender, Sexuality, and Christianity (0.50)
-
- Choose any of the following:
- SI221R - Islam, the West, and the Modern World (0.50)
- SI315R - Islam, Women, and the Modern World (0.50)
-
- Choose any of the following:
- SOC249 - Sociology of Mental Disorder (0.50)
- SOC256 - Ethnic and Racial Relations (0.50)
-
- Choose any of the following:
- SRF208 - Introduction to Systemic Therapies and Anti-Oppressive Practices (0.50)
- ~~ENGL208L - Race and the Literary Tradition (0.50)~~
- ~~GER200 - Transcultural Studies (0.50)~~
- ~~GSJ208L - Race and the Literary Tradition (0.50)~~

Are there cross-listed courses listed in requirements?

Yes,

Cross-Listings Options

All cross-listings to be displayed,

Additional Constraints

1. Students may only complete one course from any cross-listed set.
2. Topics studied in the senior seminar, apprenticeship courses, special studies, and senior essay/ thesis must be related to the specialization and be approved by the Chair of Social Development Studies.
3. Other courses may be considered as approved upon written request to, and written confirmation from, the Chair of Social Development Studies.

Notes

- Visit the Social Development Studies website for further information.

Specializations

Undergraduate Plan Guidelines

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Arts | Renison University College

Dependencies

Education Specialization - Education Specialization

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements

Not Applicable,

Creating or Changing Invalid Combinations

No,

Change to Learning Outcomes

No,

Rationale and Background for Change(s)

Ensuring all Social Development Studies plan codes are prerequisites, including new double-degree codes with the Bachelor of Social Work.

This specialization has needed 5 out of 6 courses from a set of specific "required" codes since 2020, causing confusion for those tracking the plan as it differs from other specializations. Shifting to 4 out of 6 standardizes with the other three that have the same structure.

One course (SDS358R) is being moved from the list of "optional courses" into the list of "required courses" section to align with other department specializations. Standardizing this ensures all department-offered courses are together within one area and courses from external departments are in another.

These are organizational changes that will benefit students tracking these plans - particularly for online-only students (i.e. increases number of online courses they can choose from within the top list). It does not change the learning objective of the specialization in giving Social Development Studies majors opportunity to focus their learning within the current theme, nor changes the completion requirements of needing at least 4 courses from the "required" list and 6 overall. The specializations are designed to require more than half of all courses (4/6) from within the department's offerings, while giving flexibility to allow up to 2 from external plans. Any course in the full plan is considered equally beneficial towards the intention of specializing in this theme.

Consultations (Departmental)

N/A change is internal.

General Program/Plan Information

Faculty **Academic Unit**

Renison University College

Renison University College

Faculty
Faculty of Arts with Renison University College

Undergraduate Credential Type
Specialization

Program/Plan Name
Education Specialization

Admissions

1. 3G-Social Development Studies, 4G-Social Development Studies, H-Social Development Studies,
   - **Not Found**
   - **,**
   - **Not Found**
   - **, or**
   - **Not Found**

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement
No,

Graduation Requirements

- Complete a total of 3.0 units.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - **Complete 4 of the following:**
    - HIST225 - History of Education in Canada (0.50)
    - LS273 - Children's Rights in Canada (0.50)
    - PSYCH212 - Educational Psychology (0.50)
    - PSYCH212R - Educational Psychology (0.50)
    - PSYCH213R - Exceptional Children (0.50)
    - PSYCH312 - Learning Disabilities (0.50)
    - PSYCH312R - Learning Disabilities (0.50)
    - SDS205R - History of Education in Canada (0.50)
    - SDS210R - Children's Rights in Canada (0.50)
    - SDS215R - Education and Social Development from a Global Perspective (0.50)
    - SDS220R - Changing Concepts of Childhood (0.50)
    - **SDS358R - Child Maltreatment: Identification and Prevention (0.50)**
    - SDS415R - Gender Relations within Educational Institutions (0.50)

- SDS425R - Educational Equity in Canada (0.50)
- SDS435R - Restorative Approaches to Education (0.50)
- SDS445R - Pedagogies of Democratic Education (0.50)
- SDS450R - Senior Seminar in Special Topics (0.50)
- SDS490R - Special Studies (0.50)
- SDS495R - Research Apprenticeship (0.50)
- SDS496R - Applied Apprenticeship in Social Development Studies (0.50)
- SDS499A - Senior Honours Essay/Thesis (0.50)
- SDS499B - Senior Honours Essay/Thesis (0.50)
- SOC204R - Sociology of Adolescence (0.50)
- SOC207 - Sociology of Education (0.50)
- SOC207R - Sociology of Education (0.50)
- **SOCWK355R - Child Maltreatment: Identification and Prevention (0.50)**
-
- **Complete 1.0 additional unit from the list of courses above or the following list of approved courses**
- ~~Complete 5 of the following:~~
- ~~Complete 0.5 additional unit from the list of courses above or the following list of approved courses~~

1. Approved Courses List
   -
   - Complete all of the following
   - Choose any of the following:
   - APPLS304R - Language Teaching Methodology (0.50)
   -
   - Choose any of the following:
   - ENGL208C - Studies in Children's Literature (0.50)
   - ENGL217 - Canadian Children's Literature (0.50)
   -
   - Choose any of the following:
   - FR484 - Children's Literature in French (0.50)
   -
   - Choose any of the following:
   - LS434 - Sociology of At-Risk Youth (0.50)
   -
   - Choose any of the following:
   - PACS314 - Restorative Justice and Transformative Education (0.50)
   -
   - Choose any of the following:
   - PSYCH211 - Developmental Psychology (0.50)
   - PSYCH315 - Psychology of Adolescence and Emerging Adulthood (0.50)
   - PSYCH319 - Problem Behaviour in the Classroom (0.50)
   -
   - Choose any of the following:
   - SOC307 - Problems in Contemporary Education (0.50)
   - SOC416 - Educational Theory and Practice (0.50)
   - SOC434 - Sociology of At-Risk Youth (0.50)
   - ~~SDS358R - Child Maltreatment: Identification and Prevention (0.50)~~
   - ~~SOCWK355R - Child Maltreatment: Identification and Prevention (0.50)~~

Are there cross-listed courses listed in requirements?

Cross-Listings Options

All cross-listings to be displayed,

Yes,

Additional Constraints

1. Students may only complete one course from any cross-listed set.
2. Topics studied in the senior seminar, apprenticeship courses, special studies, and senior essay/ thesis must be related to the specialization and be approved by the Chair of Social Development Studies.
3. Other courses may be considered as approved upon written request to, and written confirmation from, the Chair of Social Development Studies.

Notes

- Visit the Social Development Studies website for further information.

Specializations

Undergraduate Plan Guidelines

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Renison University College | Faculty of Arts

Dependencies

Individual Well-Being & Development Specialization - Individual Well-Being and Development Specialization

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
Not Applicable,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

Ensuring all Social Development Studies plan codes are now prerequisites, including new double-degree codes with the Bachelor of Social Work.

One course (SOC204R) is being moved from the list of "optional courses" into the list of "required courses" section to align with other department specializations. Standardizing this ensures all department-offered courses are together within one area and courses from external departments are in another.

This is an organizational change that will benefit students tracking these plans - particularly for online-only students (i.e. increases number of online courses they can choose from within the top list). It does not change the learning objective of the specialization in giving Social Development Studies majors opportunity to focus their learning within the current theme, nor changes the completion requirements of needing at least 4 courses from the "required" list and 6 overall. The specializations are designed to require more than half of all courses (4/6) from within the department's offerings, while giving flexibility to allow up to 2 from external plans. Any course in the full plan is considered equally beneficial towards the intention of specializing in this theme.

Consultations (Departmental)

N/A change is internal.

General Program/Plan Information

Faculty

Renison University College

Academic Unit

Renison University College

Faculty
Faculty of Arts with Renison University College

Undergraduate Credential Type
Specialization

Program/Plan Name
Individual Well-Being and Development Specialization

Admissions

1. 3G-Social Development Studies, 4G-Social Development Studies, H-Social Development Studies,
    - **Not Found**
    - **,**
    - **Not Found**
    - **, or**
    - **Not Found**

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement
No,

Graduation Requirements

- Complete a total of 3.0 units.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - Complete 4 of the following:
    - PSYCH226R - Positive Psychology (0.50)
    - PSYCH354 - Interpersonal Relations (0.50)
    - PSYCH354R - Interpersonal Relations (0.50)
    - PSYCH356 - Personality (0.50)
    - PSYCH356R - Personality (0.50)
    - PSYCH444R - Psychological Interventions (0.50)
    - PSYCH448R - Close Relationships (0.50)
    - PSYCH450R - Senior Seminar in Special Topics (0.50)
    - SDS345R - Self-Development and Identity Formation: A Sociocultural Perspective (0.50)
    - SDS350R - Adult Life Crises and Events (0.50)
    - SDS355R - Resilience and Social Support (0.50)
    - SDS367R - Aging and Social Development (0.50)
    - SDS440R - Approaches to Well-Being (0.50)
    - SDS490R - Special Studies (0.50)
    - SDS495R - Research Apprenticeship (0.50)
    - SDS496R - Applied Apprenticeship in Social Development Studies (0.50)
    - SDS499A - Senior Honours Essay/Thesis (0.50)
    - SDS499B - Senior Honours Essay/Thesis (0.50)
    - **SOC204R - Sociology of Adolescence (0.50)**
    - SOCWK220R - Social Work with Individuals - Theory and Practice 1 (0.50)
    - SOCWK321R - Social Work with Families (0.50)
    -
    - Complete 1.0 additional unit from the list of courses above or the following list of approved courses

1. Approved Courses List
    -
    - Complete all of the following
    - Choose any of the following:
    - GERON201 - Aging and Health (0.50)
    - GERON352 - Sociology of Aging (0.50)
    -
    - Choose any of the following:
    - GSJ222 - Gender Issues (0.50)
    -
    - Choose any of the following:
    - HLTH201 - Aging and Health (0.50)
    - HLTH352 - Sociology of Aging (0.50)
    -
    - Choose any of the following:
    - KIN352 - Sociology of Aging (0.50)

-
- Choose any of the following:
- LS271 - Conflict Resolution (0.50)
- LS319 - Negotiation: Theories and Strategies (0.50)
-
- Choose any of the following:
- PACS202 - Conflict Resolution (0.50)
- PACS323 - Negotiation: Theories and Strategies (0.50)
-
- Choose any of the following:
- PHIL121 - Moral Issues (0.50)
- PHIL201 - Philosophy of Sex and Love (0.50)
- PHIL202 - Gender Issues (0.50)
-
- Choose any of the following:
- PSYCH318 - Psychosexual Organization (0.50)
-
- Choose any of the following:
- REC362 - Sociology of Aging (0.50)
-
- Choose any of the following:
- SOC200 - Sociology of Marriage and Family (0.50)
- SOC352 - Sociology of Aging (0.50)
-
- Choose any of the following:
- SRF101 - Introduction to Sexualities, Relationships, and Families (0.50)
- SRF306 - Intimate Relationships (0.50)
- ~~SOC204R - Sociology of Adolescence (0.50)~~

Are there cross-listed courses listed in requirements?

Yes,

Cross-Listings Options

All cross-listings to be displayed,

Additional Constraints

1. Students may only complete one course from any cross-listed set.
2. Topics studied in the senior seminar, apprenticeship courses, special studies, and senior essay/ thesis must be related to the specialization and be approved by the Chair of Social Development Studies.
3. Other courses may be considered as approved upon written request to, and written confirmation from, the Chair of Social Development Studies.

Notes

- Visit the Social Development Studies website for further information.

Specializations

Undergraduate Plan Guidelines

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Renison University College | Faculty of Arts

Dependencies

Social Policy & Social Action Specialization - Social Policy and Social Action Specialization

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-04-25

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements

Not Applicable,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

Ensuring all Social Development Studies plan codes are prerequisites, including new double-degree codes with the Bachelor of Social Work.

Consultations (Departmental)

N/A internal.

General Program/Plan Information

Faculty

Renison University College

Academic Unit

Renison University College

Faculty
Faculty of Arts with Renison University College

Undergraduate Credential Type
Specialization

Program/Plan Name
Social Policy and Social Action Specialization

Admissions

1. 3G-Social Development Studies, 4G-Social Development Studies, H-Social Development Studies,
   - **Not Found**
   - **,**
   - **Not Found**
   - **, or**
   - **Not Found**

Admissions Entry Point
Declare Plan,

Requirements Information

Invalid Combinations
No,

Average Requirement

No,

Graduation Requirements

- Complete a total of 3.0 units.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

Course Requirements (no units)

Required Courses

- Complete all of the following
- Complete 4 of the following:
  - LS273 - Children's Rights in Canada (0.50)
  - LS373 - Indigenous Peoples and Canadian Public Policy (0.50)
  - SDS210R - Children's Rights in Canada (0.50)
  - SDS231R - Introduction to Social Policy Processes (0.50)
  - SDS260R - Ecology, Society, and Justice: Social Development and the Environment (0.50)
  - SDS311R - Indigenous Peoples and Canadian Public Policy (0.50)
  - SDS312R - Homelessness and Public Policy (0.50)
  - SDS322R - Community Engagement and Social Development (0.50)
  - SDS331R - Social Inequality, Social Justice, and Social Action (0.50)
  - SDS388R - Globalization and Social Development (0.50)
  - SDS400R - Comparative Social Policy (0.50)
  - SDS411R - Decolonization and Social Action (0.50)
  - SDS441R - Popular Culture and Social Change in the Radical Imagination (0.50)
  - SDS445R - Pedagogies of Democratic Education (0.50)
  - SDS450R - Senior Seminar in Special Topics (0.50)
  - SDS451R - Research with Communities (0.50)
  - SDS490R - Special Studies (0.50)
  - SDS495R - Research Apprenticeship (0.50)
  - SDS496R - Applied Apprenticeship in Social Development Studies (0.50)
  - SDS499A - Senior Honours Essay/Thesis (0.50)
  - SDS499B - Senior Honours Essay/Thesis (0.50)
  - SOC224R - Poverty in Canada and its Social Consequences (0.50)
  - SOC450R - Senior Seminar in Special Topics (0.50)
  - SOCWK222R - Community Organization (0.50)
  - SOCWK300R - Canadian Social Welfare Policy (0.50)
  - SOCWK450R - Senior Seminar in Special Topics (0.50)
- Complete 1.0 additional unit from the list of courses above or the following list of approved courses

Course Lists

Approved Courses List

- Complete all of the following
- Choose any of the following:
  - COMMST434 - The Discourse of Dissent (0.50)
- Choose any of the following:
  - ENGL309G - The Discourse of Dissent (0.50)
- Choose any of the following:
  - GSJ260 - Social Determinants of Health (0.50)
  - GSJ301 - Socially Engaged Buddhism (0.50)
  - GSJ304 - Research as Resistance (0.50)
  - GSJ309 - The Discourse of Dissent (0.50)
- Choose any of the following:
  - HIST221 - Racism and Response in Canadian History (0.50)
  - HIST258 - The United States Since the Civil War Era (0.50)
  - HIST309 - The Discourse of Dissent (0.50)
  - HIST369 - The Politics of Decolonization (0.50)
  - HIST389 - Canada in World Affairs (0.50)
- Choose any of the following:
  - HLTH260 - Social Determinants of Health (0.50)
  - HLTH410 - Health Policy (0.50)
- Choose any of the following:
  - INDEV302 - Development Agents (0.50)
- Choose any of the following:
  - LS206 - Canadian Government and Politics (0.50)
  - LS352 - Human Rights (0.50)
- Choose any of the following:
  - PHIL328 - Human Rights (0.50)
- Choose any of the following:
  - PLAN340 - Canadian Environmental Policy and Politics (0.50)
  - PLAN431 - Issues in Housing (0.50)
- Choose any of the following:
  - PSCI260 - Canadian Government and Politics (0.50)
  - PSCI334 - Public Policy (0.50)
  - PSCI369 - The Politics of Decolonization (0.50)
  - PSCI472 - Gender and Public Policy (0.50)
- Choose any of the following:
  - RCS301 - Socially Engaged Buddhism (0.50)
- Choose any of the following:
  - SOC334 - Public Policy (0.50)

Are there cross-listed courses listed in requirements?

Yes,

Cross-Listings Options

All cross-listings to be displayed,

Additional Constraints

1. Students may only complete one course from any cross-listed set.
2. Topics studied in the senior seminar, apprenticeship courses, special studies, and senior essay/ thesis must be related to the specialization and be approved by the Chair of Social Development Studies.
3. Other courses may be considered as approved upon written request to, and written confirmation from, the Chair of Social Development Studies.

Notes

- Visit the Social Development Studies website for further information.

Specializations

Undergraduate Plan Guidelines

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Arts | Renison University College

Dependencies

Health Humanities Diploma - Diploma in Health Humanities

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements
Not Applicable,

Creating or Changing Invalid Combinations
No,

Change to Learning Outcomes
No,

Rationale and Background for Change(s)

To add the newly proposed third-year HHUM322/PHIL322: Ethics for Health Care Professionals to the list of courses, which enhances the options available for students interested in the study and practice of ethics.

Consultations (Departmental)

- Philosophy has been consulted and is in agreement that their cross-listing be listed in the plan.
- St. Jerome's University Academic Committee approval, June 6, 2025
- St. Jerome's University Senate Council approval, September 26, 2025

General Program/Plan Information

Faculty

St. Jerome's University

Academic Unit

St. Jerome's University

Faculty
Faculty of Arts with St. Jerome's University

Undergraduate Credential Type
Diploma

Program/Plan Name
Diploma in Health Humanities

Admissions

Admissions Entry Point
Both,

Declaration Audience

This credential is open to students enrolled in degree programs or any non- or post-degree academic plan.

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative diploma average of 65.0%.

Graduation Requirements

- Complete a total of 2.5 units.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - Complete all the following:
    - HHUM101 - Foundations of Health Humanities (0.50)
    -
    - Complete 4 of the following:
    - ENGL108X - Literature and Medicine (0.50)
    - ENGL221 - Monstrous Hunger (0.50)
    - ENGL222 - Health, Illness, and Narrative (0.50)
    - ENGL233 - Sexual Health and Well-Being in Comics (0.50)
    - ENGL372 - Women and Medicine in Literature (0.50)
    - ENGL381 - Early Modern Bodies (0.50)
    - HHUM218 - Sexual Health and Well-Being in Comics (0.50)
    - HHUM221 - Monstrous Hunger (0.50)
    - HHUM222 - Health, Illness, and Narrative (0.50)
    - HHUM241 - Caregiving, Illness, and Relationships (0.50)

- HHUM263 - Contagion, Disease, and Illness in Italian Literature and Film (0.50)
- HHUM288 - Health, Medicine, and Spirituality (0.50)
- HHUM306 - Public Health in Medieval Society (0.50)
- HHUM307 - Concepts of Health and Disease in Western Medical History (0.50)
- HHUM311 - Culture, Mental Health, and Wellness (0.50)
- HHUM312 - Cross-Cultural Care Traditions (0.50)
- **Course Not Found**
- HHUM372 - Women and Medicine in Literature (0.50)
- HHUM373 - Early Modern Bodies (0.50)
- HHUM391 - Seminar in Health Humanities (0.50)
- HIST209 - Smallpox to Medicare: Canadian Medical History (0.50)
- ITALST263 - Contagion, Disease, and Illness in Italian Literature and Film (0.50)
- MEDVL305 - Medieval Death and Dying (0.50)
- MEDVL306 - Public Health in Medieval Society (0.50)
- MEDVL307 - Concepts of Health and Disease in Western Medical History (0.50)
- PHIL319J - Ethics of End-of-Life Care (0.50)
- PHIL321J - The Philosophy of Palliative Care (0.50)
- **Course Not Found**
- RCS266 - Death and Dying (0.50)
- RCS288 - Health, Medicine, and Spirituality (0.50)
- RCS387 - Aging and the Spiritual Life (0.50)
- SRF218 - Sexual Health and Well-Being in Comics (0.50)
- SRF241 - Caregiving, Illness, and Relationships (0.50)

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?

Yes,

Cross-Listings Options

All cross-listings to be displayed,

Additional Constraints

1. Students may only complete one course from any cross-listed set.
2. A minimum of one course must be at the 300-level.

Notes

- Visit the Health Humanities website for further information.

Specializations

Undergraduate Plan Guidelines

Adherence to Academic Plan Guidelines
Yes,

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Arts | St. Jerome's University

Dependencies

Human Rights Minor - Human Rights Minor

Top

Effective Date and Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-08-25

Quality Assurance Designation
Minor Modification Qad

Is there an impact to existing students?
No,

Is the credential name changing?
No,

Co-operative System of Study and Requirements

No,

Creating or Changing Invalid Combinations

No,

Change to Learning Outcomes

No,

Rationale and Background for Change(s)

We are proposing the addition of new elective courses which have close alignment with the program and will give our students a wider breadth of options from which to choose:

BLKST203/COMMST203: Introduction to Anti-Racist Communication

CLAS311: Sex and Gender in the Ancient World

ENGL309G/GSJ309/COMMST434: The Discourse of Dissent

HIST223: The Holocaust in History

HIST 232: A History of Peace Movements

HIST322: Global History of the Detention Camp

HIST369: Politics of Decolonization

INDG301: Theories of Indigeneity in Global Perspective

PACS203/HIST232: A History of Peace Movements

PACS311: Doing Development: Issues of Justice and Peace

PACS318/PSCI352: Peacebuilding in Divided Societies

PSCI 365, The Law and Politics of Free Speech

Consultations (Departmental)

We have consulted with the following departments who have approved our request: Black Studies, Classics, English, History, Indigenous Studies, Peace and Conflict Studies, Political Science.

General Program/Plan Information

Faculty

United College

Academic Unit

United College

Faculty
Faculty of Arts with United College

Undergraduate Credential Type
Minor

Program/Plan Name
Human Rights Minor

Admissions

Admissions Entry Point
Declare Plan,

Declaration Audience
This credential is open to students enrolled in any degree program.

Requirements Information

Invalid Combinations
No,

Average Requirement
Yes,

Minimum Average(s) Required

- A minimum cumulative minor average of 65.0%.

Graduation Requirements

- Complete a total of 4.0 units.

Course Requirements (units)

Required Courses

- 0Units to Complete
- No Rules

1. Required Courses
    -
    - Complete all of the following
    - Complete all the following:
    - HRTS101 - Introduction to Human Rights (0.50)
    - HRTS201 - Foundations and Critiques of Human Rights (0.50)
    - HRTS203 - The Canadian Charter of Rights and Freedoms (0.50)
    - HRTS204 - Discrimination, Rights, and Canadian Law (0.50)
    -
    - Complete all of the following
    - Complete 2.0 units from any additional HRTS courses or from the list of courses below.
    - Choose any of the following:
    - CDNST201 - The Indigenous Experience in Canada (0.50)

- CI250 - Truth - Reconciliation - Story (0.50)
- GSJ102 - Introduction to Gender and Social Justice: The Global South (0.50)
- GSJ206 - Women and the Law (0.50)
- HIST221 - Racism and Response in Canadian History (0.50)
- HIST271 - Global Indigenous Issues (0.50)
- HIST314 - The American Civil Rights Movement (0.50)
- HIST321 - Human Rights in Historical Perspective (0.50)
- INDG201 - The Indigenous Experience in Canada (0.50)
- INDG305 - Indigenous Rights in Global Context (0.50)
- LS201 - Women and the Law (0.50)
- LS273 - Children's Rights in Canada (0.50)
- LS331 - Human Rights in Historical Perspective (0.50)
- LS352 - Human Rights (0.50)
- LS463 - Rights and Public Policy (0.50)
- LS464 - Justice and Gender (0.50)
- PACS318 - Peacebuilding in Divided Societies (0.50)
- PACS324 - Human Rights, Peace, and Business (0.50)
- PACS325 - Refugees and Forced Migration (0.50)
- PHIL328 - Human Rights (0.50)
- PSCI352 - Peacebuilding in Divided Societies (0.50)
- PSCI421 - Justice and Gender (0.50)
- PSCI463 - Rights and Public Policy (0.50)
- SDS210R - Children's Rights in Canada (0.50)
- SDS449R - Prejudice and Discrimination (0.50)
- SOC388 - Refugees and Forced Migration (0.50)
- SPAN400 - Memory, Human Rights, and Reconciliation (0.50)
- **PACS311 - Doing Development: Issues of Justice and Peace (0.50)**
- **PACS203 - A History of Peace Movements (0.50)**
- **HIST232 - A History of Peace Movements (0.50)**
- **HIST369 - The Politics of Decolonization (0.50)**
- **CLAS311 - Sex and Gender in the Ancient World (0.50)**
- **ENGL309G - The Discourse of Dissent (0.50)**
- **CLAS311 - Sex and Gender in the Ancient World (0.50)**
- **BLKST203 - Introduction to Anti-Racist Communication (0.50)**
- **HIST223 - The Holocaust in History (0.50)**
- **HIST232 - A History of Peace Movements (0.50)**
- **HIST322 - Global History of the Detention Camp (0.50)**
- **HIST369 - The Politics of Decolonization (0.50)**
- PACS318 - Peacebuilding in Divided Societies (0.50)
- **INDG301 - Critical Theories of Indigeneity in a Global Perspective (0.50)**
- **PSCI365 - The Law and Politics of Free Speech (0.50)**

Course Lists

Required Courses

- No Rules

Are there cross-listed courses listed in requirements?

Yes,

Cross-Listings Options

All cross-listings to be displayed,

Additional Constraints

1. Students may only complete one course from any cross-listed set.

Notes

- Visit the Human Rights website for further information.

Specializations

Undergraduate Plan Guidelines

Adherence to Academic Plan Guidelines

Yes,

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
United College Faculty of Arts

Dependencies

UNIVERSITY OF WATERLOO

Date 2026/01/20

Show Empty Fields

Meeting Information

Agenda Page TitleSUC - 2026-02 - Consent Agenda - Faculty of Engineering

Career Level
Undergraduate,

Faculty/UnitEngineering

Date2026-02-04 **Time** **Location**

Summary

Undergraduate Studies Submission for SUC - January, 2026

Other Business

Attachment(s)

Course Proposals

Course Proposal Details
1. Course Changes

Course Retire:

PDARCH 2 - Retire course
PDARCH 3 - Retire course

WKRPT 203 - Retire course

New Courses:

AE 311 - Introduction to Structural Design

BET 220 - From Taylor Swift to K-Everything: Business, Entrepreneurship, and Pop Culture

BME 123 - Introduction to Machine Learning and Artificial Intelligence.
BME 141 - Introduction to the Practice of Engineering 1
BME 142 - Introduction to the Practice of Engineering 2
BME 241 - Introduction to the Practice of Engineering 3
BME 341 - Healthcare Operations and Practice - Health Systems
BME 342 - Healthcare Operations and Practice - Observations
BME 385 - Materials Science for Biomedical Engineers (revised from BME 282)
BME 385L - Materials Testing Lab
BME 522 - Foundations of Artificial Intelligence

CHE 523 - Introduction to Machine Learning and Data Science in Chemical Engineering

CIVE 311 - Introduction to Structural Design

ECE 407 - Game Theoretic Foundations of Multiagent Systems

ECE 457D - Deep Learning

ECE 487 - Social Robotics - Foundations, Technology and Applications of Human-Centered Robotics

STV 212 - Technology and Society in Film

Course Changes

AE 100 - changing unit weight to 0.75

AE 300 - changing unit weight to 0.50

BET 201 - Updating course description.

BME 121 - Updating course description.

BME 122 - Updating course description.

BME 161 - Updating course title, abbr. title and description.

BME 162 - Updating course title, abbr. title and description.

BME 213 - Updating course description.

BME 261 - Updating course description and components.

BME 281 - Updating course description.

BME 282 - Updating course description.

BME 284 - Updating course description.

BME 285 - Updating course title and abbr. title.

BME 285L - Updating course title and abbr. title.

BME 288 - Renumbering from 182

BME 461 - Updating components

BME 462 - Updating components

BME 544 - Updating description and abbreviated title. Changes to pre-reqs.
BME 550 - Added pre-reqs.

ECE 358 - Adding pre-req.

ECE 406 - Adding pre-req.

ECE 457A - Add CS240 as a prerequisite.

ECE 457B - Add CS240 as a prerequisite & Change Course title to: "Machine Learning".

ECE 457C - Adding pre-req.

GENE 119 - add CFE, change to CR/NCR.

ME 123 - added anti-reqs.

ME 201 - update description, components, anti-reqs.

ME 202 - added anti-reqs.

ME 203 - added anti-reqs.

ME 212 - added anti-reqs.

ME 250 - added anti-reqs.

ME 262 - update title, description, pre-reqs.

ME 269 - update pre-reqs, anti-reqs.

ME 351 - update anti-reqs.

ME 360 - update description and anti-reqs.

ME 362 - update pre-reqs.

ME 423 - update pre-reqs.

ME 526 - Update pre-reqs.

ME 555 - update description, pre-reqs.

ME 561 - update pre-reqs.

ME 567 - update pre-reqs.

MSE 263 - Remove anti-req.

MSE 401 - Remove LEC component from course

MSE 402 - Remove LEC component from course

MSE 431 - Updating pre-reqs.

MSE 435 - Updating course title, description and pre-reqs.

MSE 446 - Updating pre-req and anti-req.

MSE 531 - Updating title, description and pre-reqs.

MTE 481 - Updating course title
MTE 482 - Updating course title

NE 334 - Update to anti-req.

NE 451 - Updating course description.

NE 452 - Updating course description.

PDARCH 1 - Updating course description.

STV 302 - Remove pre-reqs.

STV 304 - Remove pre-reqs.

STV 305 - Remove pre-reqs.

STV 306 - Remove pre-reqs.

WKRPT 300 - Updating pre-requisites

Courses: Retire

Code	Title	Type	Workflow Step
PDARCH 2	Co-op Fundamentals for Architects	Courses	SUC Subcommittee, SUC Curricular Subcommittee
PDARCH 3	Electronic Communications and Web Design	Courses	SUC Subcommittee, SUC Curricular Subcommittee
WKRPT 203	Work-term Report	Courses	SUC Subcommittee, SUC Curricular Subcommittee

Courses: New

Code	Title	Type	Workflow Step
AE 311	Introduction to Structural Design	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BET 220	From Taylor Swift to K-Everything: Business, Entrepreneurship, and Pop Culture	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 123	Introduction to Machine Learning and Artificial Intelligence	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 141	Introduction to the Practice of Biomedical Engineering 1	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 142	Introduction to the Practice of Biomedical Engineering 2	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 241	Introduction to the Practice of Biomedical Engineering 3	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 341	Health Care Operations and Practice - Health Systems	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 342	Health Care Operations and Practice - Observations	Courses	SUC Subcommittee, SUC Curricular Subcommittee

BME 385	Materials Science for Biomedical Engineers	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 385L	Materials Testing Laboratory	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 522	Foundations of Artificial Intelligence	Courses	SUC Subcommittee, SUC Curricular Subcommittee
CHE 523	Introduction to Machine Learning and Data Science	Courses	SUC Subcommittee, SUC Curricular Subcommittee
CIVE 311	Introduction to Structural Design	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ECE 407	Game Theoretic Foundations of Multi-Agent Systems	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ECE 457D	Deep Learning	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ECE 487	Social Robotics: Foundations, Technology, and Applications of Human-Centered Robotics	Courses	SUC Subcommittee, SUC Curricular Subcommittee
STV 212	Technology and Society in Film	Courses	SUC Subcommittee, SUC Curricular Subcommittee

Courses: Changes

Code	Title	Type	Workflow Step
AE 100	Concepts Studio	Courses	SUC Subcommittee, SUC Curricular Subcommittee
AE 300	Architectural Engineering Studio 1	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BET 201	Entrepreneurial Problem Solving	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 121	Digital Computation	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 122	Data Structures and Algorithms	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 161	Introduction to User-Centered Biomedical Design 1	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 162	Introduction to User-Centered Biomedical Design 2	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 213	Statistics and Experimental Design	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 261	Prototyping, Simulation and Design	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 281	Mechanics of Deformable Solids	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 282	Materials Science for Biomedical Engineers	Courses	SUC Subcommittee, SUC Curricular Subcommittee

BME 284	Physiological and Biological Systems	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 285	Biology for Biomedical Engineers	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 285L	Biology for Biomedical Engineers Laboratory	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 288	Physics 2: Dynamics	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 461	Biomedical Engineering Design Workshop 2	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 462	Biomedical Engineering Design Workshop 3	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 544	Biomedical Measurement and Signal Processing	Courses	SUC Subcommittee, SUC Curricular Subcommittee
BME 550	Sports Engineering	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ECE 358	Computer Networks	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ECE 406	Algorithm Design and Analysis	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ECE 457A	Artificial and Natural Intelligence	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ECE 457B	Machine Learning	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ECE 457C	Reinforcement Learning	Courses	SUC Subcommittee, SUC Curricular Subcommittee
GENE 119	First-Year Engineering Seminar	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 123	Electrical Engineering for Mechanical Engineers	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 201	Advanced Calculus	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 202	Statistics for Engineers	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 203	Ordinary Differential Equations	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 212	Dynamics	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 250	Thermodynamics 1	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 262	Digital Logic, Microcontrollers, and Programmable Logic Controllers	Courses	SUC Subcommittee, SUC Curricular Subcommittee

ME 269	Electromechanical Devices and Power Processing	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 351	Fluid Mechanics 1	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 360	Introduction to Control Systems	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 362	Fluid Mechanics 2	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 423	Mechanical Design 2	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 526	Fatigue and Fracture Analysis	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 555	Computer-Aided Design	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 561	Fluid Power Control Systems	Courses	SUC Subcommittee, SUC Curricular Subcommittee
ME 567	Fire Safety Engineering	Courses	SUC Subcommittee, SUC Curricular Subcommittee
MSE 263	Managerial Economics	Courses	SUC Subcommittee, SUC Curricular Subcommittee
MSE 401	Management Engineering Design Project 1	Courses	SUC Subcommittee, SUC Curricular Subcommittee
MSE 402	Management Engineering Design Project 2	Courses	SUC Subcommittee, SUC Curricular Subcommittee
MSE 431	Stochastic Models and Methods	Courses	SUC Subcommittee, SUC Curricular Subcommittee
MSE 435	Practical and Large-Scale Optimization	Courses	SUC Subcommittee, SUC Curricular Subcommittee
MSE 446	Introduction to Machine Learning	Courses	SUC Subcommittee, SUC Curricular Subcommittee
MSE 531	Sequential Decision Making: Reinforcement Learning and Causal Inference	Courses	SUC Subcommittee, SUC Curricular Subcommittee
MTE 481	Mechatronics Engineering Design Project 1	Courses	SUC Subcommittee, SUC Curricular Subcommittee
MTE 482	Mechatronics Engineering Design Project 2	Courses	SUC Subcommittee, SUC Curricular Subcommittee
NE 334	Statistical Thermodynamics	Courses	SUC Subcommittee, SUC Curricular Subcommittee
NE 451	Simulation Methods	Courses	SUC Subcommittee, SUC Curricular Subcommittee
NE 452	Special Topics in Nanoscale Simulations	Courses	SUC Subcommittee, SUC Curricular Subcommittee

PDARCH 1	Portfolio Development	Courses	SUC Subcommittee, SUC Curricular Subcommittee
STV 302	Information Technology and Society	Courses	SUC Subcommittee, SUC Curricular Subcommittee
STV 304	Technology in Canadian Society	Courses	SUC Subcommittee, SUC Curricular Subcommittee
STV 305	Technology, Society and the Modern City	Courses	SUC Subcommittee, SUC Curricular Subcommittee
STV 306	Biotechnology and Society	Courses	SUC Subcommittee, SUC Curricular Subcommittee
WKRPT 300	Work-term Report	Courses	SUC Subcommittee, SUC Curricular Subcommittee

Programs & Plans Proposals

Programs & Plans Proposal Details

Minor Modifications:

BASc - remove PD course, change SYDE and BME coop sequence, change ELR for CHE.

H - Architectural Studies - changes to PD and work reports requirements.

H - Architectural Engineering - changes to PD and work report requirements, changing course weights and levels

H - Biomedical Engineering - changes to PD requirement, updated TE list, courses & level changes

H - Chemical Engineering - changes to PD requirements, changing degree requirements, adding required and elective courses, changing UCR

H - Civil Engineering - changes to PD and work report requirements, changing course weights and levels, adding to TE lists

H - Computer Engineering - changes to PD, additions to TE list

H - Electrical Engineering - changes to PD, additions to TE list

H - Environmental Engineering - changes to PD and work report requirements, changing course weight, additions to TE lists

H - Geological Engineering - changes to PD and work report requirements, changing course weight, adding invalid combination (Earth Sciences Minor)

H - Management Engineering - changing Natural Science Elective List and Technical Elective List

H - Mechanical Engineering - changes to PD, TE list

H - Mechatronics Engineering - changes to PD and ethics course list

H - Nanotechnology Engineering - changes to PD requirements

Biomaterials & Tissues Specialization - changes to TE list

Biomechanics & Rehabilitation Specialization - name change & changes to TE list

Biomedical Artificial Intelligence Specialization - name change & changes to TE list, invalid combination with AI option

Building Science Specialization - added to TE list

Building Systems Specialization - added to TE list

Medical Devices Specialization - changes to TE list

Modelling and Data Analytics Specialization - changes to list 1 and 2
Neural Engineering Specialization - changes to TE list

Pollution and Restoration Specialization - changes to list 1 and 2

CIVE - Water Resources Specialization - changes to required course list, added to elective list

Artificial Intelligence Option - invalid combination with Biomedical AI option, added new ECE, CHE, MSE courses, restructured lists, raised avg. declaration requirement.

Biomechanics Option - invalid combination with Biomechanics & Rehabilitation Specialization

Entrepreneurship Option - invalid combination with new BET diploma

Management Science Option - updates to course requirements

Statistics Option - adding elective

Entrepreneurship Minor - invalid combination with new BET diploma, updates to elective list

Programs & Plans: Retire No proposals have been added.

Programs & Plans: Major Modifications No proposals have been added.

Programs & Plans: Minor Modifications

Code	Title	Type	Workflow Step
Degree Reqs: BASc	Bachelor of Applied Science Degree Requirements	Programs	SUC Subcommittee, SUC Curricular Subcommittee
H-Architectural Studies	Architectural Studies (Bachelor of Architectural Studies - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
H-Architectural Engineering	Architectural Engineering (Bachelor of Applied Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
H-Biomedical Engineering	Biomedical Engineering (Bachelor of Applied Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
H-Chemical Engineering	Chemical Engineering (Bachelor of Applied Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
H-Civil Engineering	Civil Engineering (Bachelor of Applied Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee

H-Computer Engineering	Computer Engineering (Bachelor of Applied Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
H-Electrical Engineering	Electrical Engineering (Bachelor of Applied Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
H-Environmental Engineering	Environmental Engineering (Bachelor of Applied Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
H-Geological Engineering	Geological Engineering (Bachelor of Applied Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
H-Management Engineering	Management Engineering (Bachelor of Applied Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
H-Mechanical Engineering	Mechanical Engineering (Bachelor of Applied Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
H-Mechatronics Engineering	Mechatronics Engineering (Bachelor of Applied Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
H-Nanotechnology Engineering	Nanotechnology Engineering (Bachelor of Applied Science - Honours)	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Biomaterials & Tissues Specialization	Biomaterials and Tissues Specialization	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Sports Engineering Specialization	Biomechanics and Rehabilitation Specialization	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Medical Artificial Intelligence Specialization	Biomedical Artificial Intelligence Specialization	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Building Science Specialization	Building Science Specialization	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Building Systems Specialization	Building Systems Specialization	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Medical Devices Specialization	Medical Devices Specialization	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Modelling & Data Analytics Specialization	Modelling and Data Analytics Specialization	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Neural Engineering Specialization	Neural Engineering Specialization	Programs	SUC Subcommittee, SUC Curricular Subcommittee

Pollution & Restoration Specialization	Pollution and Restoration Specialization	Programs	SUC Subcommittee, SUC Curricular Subcommittee
CIVE-Water Resources Specialization	Water Resources Specialization	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Artificial Intelligence Option	Artificial Intelligence Option	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Biomechanics Option	Biomechanics Option	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Entrepreneurship Option	Entrepreneurship Option	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Management Science Option	Management Science Option	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Statistics Option	Statistics Option	Programs	SUC Subcommittee, SUC Curricular Subcommittee
Entrepreneurship Minor	Entrepreneurship Minor	Programs	SUC Subcommittee, SUC Curricular Subcommittee

Regulations Proposals

Regulations Proposal Details

Regulations: Retire No proposals have been added.

Regulations: New No proposals have been added.

Regulations: Changes No proposals have been added.

PDARCH 2 - Co-op Fundamentals for Architects

Top

Effective Date & Career

Career

Proposed

Offering Number

Undergraduate,	**Effective Term and Year** Fall 2026	1
	Existing	
	Effective Term and Year Fall 2024	

Proposal Details

Proposal Type
Retire,

Academic Unit Approval
2025-09-24

Last Offering of Course
Fall 2025

Retired Impact
No,

Rationale for Change

This content will be moved to PDARCH 1, effective Spring 2026.

Consultations

Consulted with Co-operative & Experiential Education.

Course Information

Faculty
Faculty of Engineering

Academic Unit
School of Architecture

Subject Code
PDARCH

Number
2

Course Level
00

Title
Co-op Fundamentals for Architects

Abbreviated Title
Co-op Fundamentals

Undergraduate Communication Requirement Identifier
No,

Description
This course will explore aspects of career development related to preparing for and being successful in co-op work terms, such as understanding Co-operative and Experiential Education policies and procedures, using Waterloo Works, preparing résumés, interviewing effectively, meeting employers' expectations, and preparing work-term reports.

Units
0.50

Exceptions to Fees or Academic Progress Units
Yes,

Components
OnlinePracticum

Primary Component
Practicum

Grading Information

Standard Course Grading
No,

Special Course Grading
Credit/No Credit

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
No consent required,

Prerequisites

Complete all of the following

- Must have completed the following:
  - PDARCH1 - Portfolio Development (0.50)
- Students must be in level 2A or higher
- Enrolled in H-Architectural Studies

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

There are no dependencies

PDARCH 3 - Electronic Communications and Web Design

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Offering Number
1

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Proposal Details

Proposal Type
Retire,

Academic Unit Approval
2025-09-24

Last Offering of Course
Winter 2025

Retired Impact
No,

Rationale for Change

Replacing this course with an elective PD course for all current students.

Consultations

Consulted with Co-op & Experiential Education.

Course Information

Faculty
Faculty of Engineering

Academic Unit
School of Architecture

Subject Code
PDARCH

Number
3

Course Level
00

Title
Electronic Communications and Web Design

Abbreviated Title
Electronic Comm & Web Design

Undergraduate Communication Requirement Identifier
No,

Description
This course will elaborate upon digital skills introduced in PDARCH2. Students will learn the fundamentals of web design and will create a living, interactive, digital portfolio. Students will learn how to structure, design, and manage websites and web logs.

Units
0.50

Exceptions to Fees or Academic Progress Units
Yes,

Components
LectureOnline

Primary Component
Lecture

Grading Information

Standard Course Grading
No,

Special Course Grading
Credit/No Credit

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
No consent required,

Prerequisites

Must have completed the following:

- PDARCH1 - Portfolio Development (0.50)

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Prerequisites

- PDARCH 4 - Writing, Editing and Research

View Program

WKRPT 203 - Work-term Report

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year

Offering Number
1

Fall 2026

Existing

Effective Term and Year
Fall 2024

Proposal Details

Proposal Type
Retire,

Academic Unit Approval
2025-10-24

Last Offering of Course
Winter 2026

Retired Impact
No,

Rationale for Change

Moving to 3 elective PD courses which include reflective reports, work report is no longer relevant.

Consultations

Consulted with Co-operative & Experiential Education.

Course Information

Faculty
Vice-President Academic Office

Academic Unit
Co-operative Education and Centre for Career Action

Subject Code
WKRPT

Number
203

Course Level
200

Title
Work-term Report

Abbreviated Title
Work-term Report

Undergraduate Communication Requirement Identifier

No,

Description
Students will complete a case study analysis of the firm in which they are employed. Work-term reports are required courses for the degree but their grades are not included in the average. However, failed work-term report evaluations may delay a student's progress as indicated in the Examinations and Promotions section of this calendar. Details regarding the evaluation of the work-term reports can be obtained from the student's program advisor.

Units
0.25

Exceptions to Fees or Academic Progress Units
Yes,

Components
Project

Primary Component
Project

Grading Information

Standard Course Grading
No,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 3B or higher
- Enrolled in H-Architectural Studies

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Notes

- This course is considered as DRNA.

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

There are no dependencies

AE 311 - Introduction to Structural Design

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-07-17

Rationale for New Course

AE 311 will be replacing AE 310 in the curriculum (2026 calendar). AE 310 will remain active in its current form until all current students have taken the course at which point it will be retired. AE 310 and 311 will not be offered at the same time.

Rationale for Change

- Currently (AE 310) is structured as 1/3 – 1/3 – 1/3 on design/code-concrete-steel
- Course tries to cover too many topics, resulting in superficial treatment and not enough depth to ensure retention of concepts
- Replace AE 310 with AE 311, a 0.50 unit course to reduce load on students
- switched with CIVE/AE303 to be offered in 3A instead of 3B exposing students to design earlier
- Switch to 10% code, 50% concrete and 40% steel, with systems and code issues integrated into member design – provide context within calculations
- Need to better cover some fundamental concepts like tributary area in earlier analysis courses – integrate into problems so students see it repeatedly
- Confirmed changes do not impact CIVE 415
- Curriculum committee has approved the course weight is appropriate for the structure of the new course

Consultations

Consultation were done with AE and CEE curriculum committee and were presented in department meetings

Supporting Documentation

- Course Outline-AE_CIVE_311.docx

Course Information

Faculty
Faculty of Engineering

Academic Unit
Department of Civil and Environmental Engineering

Subject Code
AE

Number
311

Course Level
300

Title
Introduction to Structural Design

Abbreviated Title
Intro Structural Design

Undergraduate Communication Requirement Identifier
No,

Description
Introduction to structural systems for buildings and fundamental design concepts. Analysis and design of reinforced concrete beams and one-way slabs, and common steel frame members such as beams and axially loaded members.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTest Slot Tutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
Yes,

Cross-Listed Courses

CIVE 311 - Introduction to Structural Design

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Must have completed the following:
  - AE205 - Solid Mechanics 2 (0.50)
- Enrolled in H-Architectural Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in: AE310, CIVE310

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

There are no dependencies

BET 220 - From Taylor Swift to K-Everything: Business, Entrepreneurship, and Pop Culture

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-10-06

Rationale for New Course

Students across campus are hungry for courses that connect business concepts to the cultural and technological worlds they live in. With 10,000+ students taking some form of business course alongside STEM, arts, and science, this course offers a fun, relevant, and accessible way to learn management and economics. By anchoring theory in Taylor Swift and K-Everything, we ensure high engagement, strong enrollment, and a memorable introduction to business that resonates across disciplines.

Consultations

Consultation with GBDA, Renison and Social Studies. GBDA confirmed no overlap.

Supporting Documentation

- BET_220_From Creativity to Enterprise.docx

Course Information

Faculty

Faculty of Engineering

Academic Unit

Conrad School of Entrepreneurship and Business

Subject Code
BET

Number
220

Course Level
200

Title
From Taylor Swift to K-Everything: Business, Entrepreneurship, and Pop Culture

Abbreviated Title
Pop Culture & Entrepreneurship

Undergraduate Communication Requirement Identifier
No,

Description
From The Beatles to Taylor Swift's billion-dollar Eras Tour and the global takeover of K-Pop, K-Drama, and K-Beauty, pop culture has become one of the world's most powerful industries. This course pulls back the curtain on how stars and studios build empires, how fandoms fuel entire economies, and how technology is rewriting the rules of business. Using popular case studies, we'll explore branding, strategy, entrepreneurship, and how global icons turn culture into commerce.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
Lecture

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
No consent required,

Prerequisites

No Rules

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

There are no dependencies

Top

BME 123 - Introduction to Machine Learning and Artificial Intelligence

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-09-26

Rationale for New Course

The course aims to provide early literacy in AI and ML, introducing key concepts and discussing responsible usage

Consultations

Course was presented at FOPS on October 3, 2025 for consultation with Associate Chairs and Directors for Engineering plans.

Supporting Documentation

- BME 123.pdf

Course Information

Faculty
Faculty of Engineering

Academic Unit
Department of Systems Design Engineering

Subject Code
BME

Number
123

Course Level
100

Title
Introduction to Machine Learning and Artificial Intelligence

Abbreviated Title
Intro Machine Learning & AI

Undergraduate Communication Requirement Identifier
No,

Description
Key concepts in machine learning and artificial intelligence. Terminology, types of machine learning, data preparation, generalization and validation, overview of core models (decision trees, linear regression, logistic regression, and neural networks), construction of AI chatbots, biomedical applications, ethics, and regulation.

Units
0.25

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add

Consent to Drop

No consent required,

Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 1B or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

There are no dependencies

BME 141 - Introduction to the Practice of Biomedical Engineering 1

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-09-26

Rationale for New Course

This course is part of the BME “praxis” sequence, or what BME calls AXIHS in BME (Applications, e Xperience, Implications, Healthcare Systems). This sequence of courses provides students with experiential learning and allows them to develop core competency in communications skills in the field of biomedical engineering. This is the first course of the sequence. It is an integral part of our curriculum and stems from consultation with our stakeholders (students, alumni, faculty, staff, industry and biomedical advisors). This course will allow students to learn more about the breadth of the biomedical engineering field and how industry and research contribute to technological advancements.

Supporting Documentation

- BME 141.pdf

Course Information

Faculty
Faculty of Engineering

Academic Unit
Department of Systems Design Engineering

Subject Code
BME

Number
141

Course Level
100

Title
Introduction to the Practice of Biomedical Engineering 1

Abbreviated Title
Intro Practice 1

Undergraduate Communication Requirement Identifier
No,

Description
In this course, Biomedical Engineering students will explore the fields of biomedical engineering, and how research and industry contribute to the development of biomedical technologies. Biomedical engineering as a profession will be discussed.

Units
0.25

Exceptions to Fees or Academic Progress Units
No,

Components
Workshop

Primary Component
Workshop

Grading Information

Standard Course Grading
No,

Special Course Grading
Credit/No Credit

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 1A
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

There are no dependencies

BME 142 - Introduction to the Practice of Biomedical Engineering 2

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-09-26

Rationale for New Course

This course is part of the BME “praxis” sequence, or what BME calls AXIHS in BME (Applications, e Xperience, Implications, Healthcare Systems). This sequence of courses provides students with experiential learning and allows them to develop core competency in communications skills in the field of biomedical engineering. This is the second course of the sequence. It is an integral part of our curriculum and stems from consultation with our stakeholders (students, alumni, faculty, staff, industry and biomedical advisors). This course provides opportunities for BME students to develop skills necessary for the evolving field of biomedical engineering.

Supporting Documentation

- BME 142.pdf

Course Information

Faculty
Faculty of Engineering

Academic Unit
Department of Systems Design Engineering

Subject Code
BME

Number
142

Course Level
100

Title
Introduction to the Practice of Biomedical Engineering 2

Abbreviated Title
Intro Practice 2

Undergraduate Communication Requirement Identifier
No,

Description
In this course, Biomedical Engineering students will engage in technical skills development workshops to support practical application of biomedical engineering. Competencies in written communication will be developed as students

engage in self-reflection and building a portfolio.

Units
0.25

Exceptions to Fees or Academic Progress Units
No,

Components
Workshop

Primary Component
Workshop

Grading Information

Standard Course Grading
No,

Special Course Grading
Credit/No Credit

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 1B or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

There are no dependencies

BME 241 - Introduction to the Practice of Biomedical Engineering 3

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-09-26

Rationale for New Course

This course is part of the BME “praxis” sequence, or what BME calls AXIHS in BME (Applications, e Xperience, Implications, Healthcare Systems). This sequence of courses provides students with experiential learning and allows them to develop core competency in communications skills in the field of biomedical engineering. This is the third course of the sequence. It is an integral part of our curriculum and stems from consultation with our stakeholders (students, alumni, faculty, staff, industry and biomedical advisors). By engaging with medical practionners, this course provides opportunities for BME students to learn more about the clinical/biomedical environment and develop their oral communication skills.

Supporting Documentation

- BME 241.pdf

Course Information

Faculty

Faculty of Engineering

Academic Unit

Department of Systems Design Engineering

Subject Code

BME

Number

241

Course Level

200

Title

Introduction to the Practice of Biomedical Engineering 3

Abbreviated Title

Intro Practice 3

Undergraduate Communication Requirement Identifier

No,

Description

In this course, students will explore health care systems and engage with stakeholders and communities impacted by biomedical engineering solutions. In-class activities will support the students in enhancing oral communication competencies for meaningful engagement with stakeholders.

Units

0.25

Exceptions to Fees or Academic Progress Units

No,

Components
Workshop

Primary Component
Workshop

Grading Information

Standard Course Grading
No,

Special Course Grading
Credit/No Credit

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 2A or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

There are no dependencies

BME 341 - Health Care Operations and Practice - Health Systems

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-09-26

Rationale for New Course

This course addressed a gap that was identified following discussion with our stakeholders (students, alumni, faculty, staff, industry and biomedical advisors). It is important that all BME students have an understanding of the Canadian Healthcare System. A similar course is currently being taught as a CSE (BME 530). This course will be re-designed as a 0.25 unit course and will be a pre-req for BME 342 (Healthcare operations and practice - observations). Long-term plan to retire BME 530 when BME 341 starts being offered.

Supporting Documentation

- BME 341.pdf

Course Information

Faculty

Faculty of Engineering

Academic Unit

Department of Systems Design Engineering

Subject Code

BME

Number

341

Course Level

300

Title

Health Care Operations and Practice - Health Systems

Abbreviated Title

Health Care Systems

Undergraduate Communication Requirement Identifier

No,

Description

Introduction to the Canadian health care system, with emphasis on factors related to biomedical engineering. Structure and function of various health care organizations, procurement practices in health care, electronic health records and information exchange.

Units

0.25

Exceptions to Fees or Academic Progress Units

No,

Components

LectureTutorial

Primary Component

Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 3A or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- BME530 - The Healthcare System (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

There are no dependencies

BME 342 - Health Care Operations and Practice - Observations

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-09-26

Rationale for New Course

This course addressed a gap that was identified following discussion with our stakeholders (students, alumni, faculty, staff, industry and biomedical advisors). For our graduates, it is critical that they understand the environment in which the technology and/or solutions they create, develop or worked are being implemented. This is something that needs to be experienced rather than taught through lectures. This course will allow students to observe medical practitioners, health care systems, interactions with patients in various settings. A similar course is currently being offered as an elective course.

Supporting Documentation

- BME 342.pdf

Course Information

Faculty

Faculty of Engineering

Academic Unit

Department of Systems Design Engineering

Subject Code

BME

Number

342

Course Level

300

Title

Health Care Operations and Practice - Observations

Abbreviated Title

Health Care Observations

Undergraduate Communication Requirement Identifier

No,

Description

Through site visits and shadowing experiences, students are immersed in various settings in the health care environment. In this course, students will examine health care and rehabilitation operations through the lens of human factors and engineering design and identify potential workflow challenges, protocol gaps, and device usability, while considering regulatory, business, and ethical constraints.

Units

0.25

Exceptions to Fees or Academic Progress Units

No,

Components

LectureWorkshop

Primary Component

Lecture

Grading Information

Standard Course Grading

Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Must have completed the following:
  - Course Not Found
- Students must be in level 3A
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Fee Statement
This course may have additional fees. See academic unit for details.

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

There are no dependencies

BME 385 - Materials Science for Biomedical Engineers Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-09-26

Rationale for New Course

This course will replace BME 282. Course is moving from 2A to 3A, and with modifications to the description to better reflect course content, a new course is being created.

Consultations

Department of Mechanical and Mechatronics Engineering

Supporting Documentation

- BME 385.pdf

Course Information

Faculty

Faculty of Engineering

Academic Unit

Department of Systems Design Engineering

Subject Code
BME

Number
385

Course Level
300

Title
Materials Science for Biomedical Engineers

Abbreviated Title
Materials Science

Undergraduate Communication Requirement Identifier
No,

Description
Crystalline structure, crystal defects, non-crystalline materials, structure and properties of metals, ceramics, polymers, and composites. Factors in materials design, material selection and processing in the context of biomedical devices will also be discussed.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?

No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 3A or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- BME282 - Materials Science for Biomedical Engineers (0.50)
- SYDE285 - Materials Chemistry (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Dependencies

There are no dependencies

BME 385L - Materials Testing Laboratory

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-09-26

Rationale for New Course

The lab course associated with BME 281 (Mechanics of Deformable Solids) is moving to 3rd year to better balance workload for students. The lab course will also be running in the same term as the material science course so the lab course will connect all aspect of material properties. Apart from renumbering, the calendar description is being updated to reflect this, and so creating a new course.

Consultations

Department of mechanical and mechatronics engineering as the lab course has connections with the courses taught by these instructors

Supporting Documentation

- BME 385L.pdf

Course Information

Faculty

Faculty of Engineering

Academic Unit

Department of Systems Design Engineering

Subject Code
BME

Number
385L

Course Level
300

Title
Materials Testing Laboratory

Abbreviated Title
Materials Testing Lab

Undergraduate Communication Requirement Identifier
No,

Description
Concepts in materials testing will be explored through a series of lab experiments. Destructive test methods will be applied to characterize materials for biomedical applications.

Units
0.25

Exceptions to Fees or Academic Progress Units
No,

Components
Laboratory

Primary Component
Laboratory

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 3A or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- BME281L - Mechanics of Deformable Solids Laboratory (0.25)

Course Notes

Workflow Information

Workflow Path

Faculty/AFIW Path(s) for Workflow

Committee approvals,

Faculty of Engineering

Dependencies

There are no dependencies

BME 522 - Foundations of Artificial Intelligence

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-09-26

Rationale for New Course

This course is identical to and will be cross-listed with SYDE 522. The course includes significant BME content and we require this subject code so that the Biomedical AI specialization will satisfy the number of BME courses required for the biomedical BASc.

Supporting Documentation

- BME 522.pdf

Course Information

Faculty

Faculty of Engineering

Academic Unit

Department of Systems Design Engineering

Subject Code
BME

Number
522

Course Level
500

Title
Foundations of Artificial Intelligence

Abbreviated Title
Foundations of AI

Undergraduate Communication Requirement Identifier
No,

Description
The objective of this course is to introduce students to fundamental concepts of artificial intelligence. An overview of different learning schemes will be provided, including supervised and unsupervised algorithms. The focus of this course will be on dimensionality reduction, clustering, classification, deep and shallow artificial neural networks, and reinforcement learning. Ethical aspects of artificial intelligence will be discussed.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
Yes,

Cross-Listed Courses

SYDE 522 - Foundations of Artificial Intelligence

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
No consent required,

Prerequisites

Complete all of the following

- Complete 1 of the following
  - Must have completed at least 1 of the following:
    - BME122 - Data Structures and Algorithms (0.50)
    - CS240 - Data Structures and Data Management (0.50)
    - CS240E - Data Structures and Data Management (Enriched) (0.50)
    - ECE250 - Algorithms and Data Structures (0.50)
    - MSE240 - Algorithms and Data Structures (0.50)
    - MTE140 - Algorithms and Data Structures (0.50)
    - SYDE223 - Data Structures and Algorithms (0.50)
  - Must have completed the following: MSCI240
- Complete 1 of the following
  - Enrolled in H-Biomedical Engineering, or H-Systems Design Engineering
  - Complete all of the following
    - Students must be in level 4A or higher
    - Enrolled in Computer Engineering Option, H-Management Engineering, H-Mechatronics Engineering, or Mechatronics Option

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- Course Not Found
- CS480 - Introduction to Machine Learning (0.50)
- CS486 - Introduction to Artificial Intelligence (0.50)
- ECE457A - Co-operative and Adaptive Algorithms (0.50)
- ECE457B - Fundamentals of Computational Intelligence (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

There are no dependencies

CHE 523 - Introduction to Machine Learning and Data Science

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-09-15

Rationale for New Course

CHE 523 will provide undergraduate and graduate students in CHE with a technical elective on how to engineer data-driven models for chemical engineering applications. Students will develop skills in data science and machine learning that are currently in high demand across multiple industries. Although there are currently other introductory machine learning courses being offered in the Faculty (i.e., MSE 446, ECE 457B, and SYDE 522), this course focuses on methods of particular interest to chemical engineers, several of which are not covered in the other courses (e.g., Gaussian processes and novelty detection), and it focuses on applications that arise in chemical engineering (e.g., process control, thermophysical property prediction). Based on surveys and other interactions, a significant number of CHE students

have expressed interest to enroll in this course. This aligns with the Faculty's aim incorporate machine learning more into the undergraduate curriculum.

Consultations

Consultation with Ada Hurst, ACUG MSE and Safa Erenay, MSE Option coordinator - discussed adding MSE446 as an anti-req and adding CHE523 to the MSE option (June 2025).

Consultation with Mahesh Tripinutara, ACUG ECE and Otman Basir, AI Option coordinator - discussed adding ECE457B as an anti-req and adding CHE523 to the AI option (May 2025).

Consultation with John Zelek, SYDE Director - discussed adding SYDE522 as an anti-req (June 2025).

Supporting Documentation

- 523_course_outline.docx

Course Information

Faculty

Faculty of Engineering

Academic Unit

Department of Chemical Engineering

Subject Code

CHE

Number

523

Course Level

500

Title

Introduction to Machine Learning and Data Science

Abbreviated Title

Machine Learning & Data Sci

Undergraduate Communication Requirement Identifier

No,

Description

This course provides an overview of the theory, methods, and application of data science and machine learning to analyze data sets arising in applications/industries of importance to chemical engineers. Course topics focus on data representation (i.e., feature engineering), unsupervised learning, supervised learning, and introductory deep learning using techniques/models such as data scaling, principal component analysis, support vector machines, Gaussian processes, Lasso regression, decision trees, and neural networks. Applications include (but are not limited to) experimental data analysis, process monitoring, surrogate modelling, and thermophysical property prediction. The use of relevant computing tools will be emphasized.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
Lecture

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
No consent required,

Prerequisites

Complete all of the following

- Students must be in level 3B or higher
- Enrolled in H-Chemical Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- Course Not Found
- ECE457B - Fundamentals of Computational Intelligence (0.50)
- MSE446 - Introduction to Machine Learning (0.50)
- SYDE522 - Foundations of Artificial Intelligence (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

Course Requirements (no units)

- Chemical Process Modelling, Optimization & Control Specialization - Chemical Process Modelling, Optimization and Control Specialization View Program

CIVE 311 - Introduction to Structural Design

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-07-17

Rationale for New Course

CIVE 311 will be replacing CIVE 310 in the curriculum (2026 calendar). CIVE 310 will remain active in its current form until all current students have taken the course at which point it will be retired. CIVE 310 and 311 will not be offered at the same time.

Rationale for Change

- Currently (CIVE 310) is structured as 1/3 – 1/3 – 1/3 on design/code-concrete-steel
- Course tries to cover too many topics, resulting in superficial treatment and not enough depth to ensure retention of concepts
- Replace CIVE 310 with CIVE 311, a 0.50 unit course to reduce load on students
- switched with CIVE/AE303 to be offered in 3A instead of 3B exposing students to design earlier
- Switch to 10% code, 50% concrete and 40% steel, with systems and code issues integrated into member design – provide context within calculations
- Need to better cover some fundamental concepts like tributary area in earlier analysis courses – integrate into problems so students see it repeatedly
- Confirmed changes do not impact CIVE 415
- Curriculum committee has approved the course weight is appropriate for the structure of the new course

Consultations

Consultation were done with AE and CEE curriculum committee and were presented in department meetings

Supporting Documentation

- Course Outline-AE_CIVE_311.docx

Course Information

Faculty
Faculty of Engineering

Academic Unit
Department of Civil and Environmental Engineering

Subject Code
CIVE

Number
311

Course Level
300

Title
Introduction to Structural Design

Abbreviated Title
Intro Structural Design

Undergraduate Communication Requirement Identifier
No,

Description
Introduction to structural systems for buildings and fundamental design concepts. Analysis and design of reinforced concrete beams and one-way slabs, and common steel frame members such as beams and axially loaded members.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTest Slot Tutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
Yes,

Cross-Listed Courses

AE 311 - Introduction to Structural Design

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Must have completed the following:
  - CIVE205 - Solid Mechanics 2 (0.50)
- Enrolled in H-Architectural Engineering, H-Civil Engineering, or H-Geological Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in: AE310, CIVE310

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

There are no dependencies

ECE 407 - Game Theoretic Foundations of Multi-Agent Systems

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-05-08

Rationale for New Course

Course previously offered as special topics course ECE 493 T27. ECE has observed sufficient enrollment across previous offerings to warrant mounting as a regular course (ECE 407). Course will be offered to 4th year Engineering/CS studnets and will serve as an introduction to the mathematical and computational foundations of modern multi-agent systems, with a focus on game theory, artificial intelligence, and machine learning. Student who complete this course will be able to model and analyse normal-form games, extensive-form games, repeated games, stochastic games, Bayesian games, computation of solution concepts, and learning in multi-agent systems.

Consultations

ECE Undergraduate Studies committee, ECE department.

CS Undergraduate Director Mike Godfrey consulted with our CS's main multi-agent AI person, Kate Larson, and confirmed there is no need for an anti-req with CS's main AI course, CS486.

Supporting Documentation

- ECE 407 Outline.docx

Course Information

Faculty

Faculty of Engineering

Academic Unit

Department of Electrical and Computer Engineering

Subject Code
ECE

Number
407

Course Level
400

Title
Game Theoretic Foundations of Multi-Agent Systems

Abbreviated Title
Foundations of Multiagent Syst

Undergraduate Communication Requirement Identifier
No,

Description
This course is an introduction to the mathematical and computational foundations of modern multi-agent systems, with a focus on game theory, artificial intelligence, and machine learning. The course provides analytical tools to analyze and model multi-agent systems in which an agent's welfare is a function of not only their own actions, but also those of others. Tentative topics include normal-form games, extensive-form games, repeated games, stochastic games, Bayesian games, computation of solution concepts, and learning in multi-agent systems.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
Instructor consent required,

Consent to Drop
Instructor consent required,

Prerequisites

Complete all of the following

- Students must be in level 4A or higher
- Enrolled in H-Computer Engineering, H-Computer Science (BCS), H-Electrical Engineering, H-Mechatronics Engineering, H-Nanotechnology Engineering, or H-Software Engineering

Corequisites

No Rules

Antirequisites

Complete all of the following

- Not completed nor concurrently enrolled in:
  - CO456 - Introduction to Game Theory (0.50)
  - ECON412 - Topics in Game Theory (0.50)
- Not completed nor concurrently enrolled in: ECE493 (Topic 27: Foundations of Multiagent Sys)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

There are no dependencies

ECE 457D - Deep Learning

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-05-08

Rationale for New Course

Deep learning is an important topic given current advances in AI/ML. This course will be offered to 4th year Engineering undergraduate students and will teach the following:

- How to write code to train deep neural networks, and analyze existing open-source training code
- Understand which problems neural nets are likely to solve, which problems they perform poorly on, and how to measure their ability to generalize
- Understand how neural nets are able to learn useful “representations” of data, and how to guide the learning process using labels, structured data (e.g. graphs), and data augmentation.
- How to interpret and resolve optimization difficulties that commonly occur when training large networks
- How to implement and compare various training strategies, including maximum likelihood classification, contrastive learning, adversarial learning (e.g. GANs), autoencoders (e.g VAEs), and language models
- Understand how “foundation models” are pre-trained and deployed using various prompting and instruction-tuning strategies

Consultations

Creation of "Deep Learning" course discussed at ECE USC commitee meeting on April 23, 2025 and approved for consideration at department level. Motion to create course presented and approved at ECE department meeting on May 8th, 2025.

Supporting Documentation

- ECE-457D-outline.pdf

Course Information

Faculty

Faculty of Engineering

Academic Unit

Department of Electrical and Computer Engineering

Subject Code

ECE

Number

457D

Course Level

400

Title

Deep Learning

Abbreviated Title

Deep Learning

Undergraduate Communication Requirement Identifier

No,

Description

Recent advances in neural network architectures and training algorithms have catalyzed significant breakthroughs in image classification, machine translation, protein folding, and beyond. This course follows the evolution of neural networks and their training algorithms, from the introduction of the perceptron in the 1950s and 1960s to the advent of Chat GPT in the 2020s. Topics covered include key training approaches such as maximum likelihood, contrastive learning, and diffusion modelling, as well as significant architectures such as convolutional nets, graph nets, and transformers. The course will also discuss how neural nets can learn useful “representations” of data, and explore recent trends in training models on web-scale datasets.

Units

0.50

Exceptions to Fees or Academic Progress Units

No,

Components

LectureTutorial

Primary Component

Lecture

Grading Information

Standard Course Grading

Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Instructor consent required,

Prerequisites

Complete all of the following

- Students must be in level 4A or higher
- Enrolled in H-Computer Engineering, H-Electrical Engineering, H-Mechatronics Engineering, H-Nanotechnology Engineering, or H-Software Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- AMATH449 - Neural Networks (0.50)
- CS479 - Neural Networks (0.50)
- MSE546 - Advanced Machine Learning (0.50)
- SYDE577 - Deep Learning (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

There are no dependencies

ECE 487 - Social Robotics: Foundations, Technology, and Applications of Human-Centered Robotics

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-06-19

Rationale for New Course

Course previously offered as special topics course ECE 493 T26 - Social Robotics - Foundations, Technology and Applications of Human-Centered Robotics. ECE has observed sufficient enrollment across previous offerings to warrant mounting as a regular course (ECE 487). Course will be offered to 4th year engineering students. Student completeing this course will be able to: understand concepts and theories underlying social robotics, apply research methodologies and techniques to realize socially intelligent robots, design, plan, and evaluate human-robot, demonstrate scientific writing and presentation skills interaction experiments, explain how psychology and social sciences can inform the engineering of social robots, understand basic principles of sensors, actuators and multi-model interaction and communication for social robots, and explain examples of robot computational architectures used in human-robot interaction

Pre-req of H-Biomedical Engineering added. Approved on October 23, 2025.

Consultations

CS Undergraduate Director Mike Godfrey confirmed no overlap between CS 449/649 and the proposed ECE 487, so no need for an anti-req.

Supporting Documentation

- ECE 487 Social Robotics.docx

Course Information

Faculty

Faculty of Engineering

Academic Unit

Department of Electrical and Computer Engineering

Subject Code
ECE

Number
487

Course Level
400

Title
Social Robotics: Foundations, Technology, and Applications of Human-Centered Robotics

Abbreviated Title
Social Robotics

Undergraduate Communication Requirement Identifier
No,

Description
The course will provide an introduction to the research field of social robotics, with a particular human-centered perspective. Human-robot interaction is a highly interdisciplinary area of research that takes inspiration and adopts methods from a range of disciplines, including social sciences, ethology, primatology, developmental psychology, computer science, engineering, and Artificial Intelligence. Robots that can interact socially in an effective and acceptable manner with people have become increasingly important for applications ranging from robot-assisted therapy for people with special needs, robotic assistants for older people and care home residents, robots as tools in education, or robotic co-workers for a new generation of industrial robots that emphasize human-machine collaboration and communication. Ideas, theories, approaches, and applications will be discussed and critically reflected upon. Students will gain an understanding of the concepts and theories underlying social robotics, as well as research methodologies and techniques to realize socially intelligent robots and design, plan, and evaluate human-robot interaction experiments.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 4A or higher
- Enrolled in H-Biomedical Engineering, H-Computer Engineering, H-Electrical Engineering, H-Mechatronics Engineering, H-Nanotechnology Engineering, or H-Software Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in: ECE493 (Topic 26: Social Robotics)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

There are no dependencies

STV 212 - Technology and Society in Film

Top

Effective Date & Career

Career
Undergraduate,

Effective Term and Year
Fall 2026

Proposal Details

Proposal Type
New,

Academic Unit Approval
2025-09-26

Rationale for New Course

We are creating this course as an elective for all UW students. Film is a popular and accessible storytelling medium, with a strong tradition of technological criticism. Students who complete the course will learn to analyze both actual

and fictional socio-technical systems, compare and critique perspectives of technological change, and reflect on social and ethical aspects of technology. We expect it will be broadly appealing to many students in many majors across campus, leading to diverse classroom learning experiences. The course also supports the University's Global Futures themes of Technology and Society, and can be used by students to complete the Society, Technology & Values Diploma (new Fall 2025). In terms of resources, the course will rely on the University's Media Resources library for access to films.

Consultations

During the preliminary course-creation phases, the Centre for Society, Technology & Values consulted with the CSTV Advisory Committee (with representation from the Faculties of Engineering and Arts), as well as instructors of similar courses at the University of Waterloo Faculty of Arts and the University of Guelph Faculty of Arts & Sciences.

Additionally, although there are other film-studies courses in the Faculty of Arts, such as VCULT 100 World Cinema and Visual Culture, STV 212 does not take the same kind of a film-studies approach. It is complementary in nature, as confirmed by consulting with the current VCULT 100 instructor. So no pre-requisites or anti-requisites are required.

Supporting Documentation

- stv212-synopsis.docx

Course Information

Faculty

Vice-President Academic Office

Academic Unit

Centre for Society, Technology and Values

Subject Code
STV

Number
212

Course Level
200

Title
Technology and Society in Film

Abbreviated Title
Technology & Society in Film

Undergraduate Communication Requirement Identifier
No,

Description
This course uses movies to examine social aspects of technology and technological change. Students will explore how movies portray, critique, and participate in perception and development of technology and its social implications. Through class discussions, reflections, and critical works, students will develop a broad and nuanced understanding of cultural, political, ethical, and historical aspects of technology. Issues for examination include governance and regulation, labour, surveillance and privacy, fairness and equity, responsible innovation, and technology and human nature.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
Lecture

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
No consent required,

Prerequisites

No Rules

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Notes

- This course assumes no special knowledge of cinema or technology.

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Course Requirements (units)

- Society, Technology & Values Diploma - Diploma in Society, Technology and Values View Program

AE 100 - Concepts Studio

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year

Offering Number
1

Fall 2026

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-07-30

Rationale for Change

In the current curriculum, Architectural Engineering students earn 0.5 credits for studio courses throughout their program, with the exception of AE 300. This discrepancy has led to a perception among students that AE 300 is an exceptionally demanding "super course," prompting them to allocate disproportionate effort to it. Students in AE 100, who are new to the program and unfamiliar with university expectations, often dedicate significant time and effort to their coursework, meriting a higher credit value.

To address this imbalance, we propose changing the units of AE 300 from 1 to 0.5 and the units of AE 100 from 0.5 to 0.75. This adjustment does not alter the curriculum's content or requirements; rather, it aims to more equitably distribute the workload, which promotes greater student success a cross the program.

Also, CEE equivalent courses (CIVE 100, ENVE 100, and GEOE 100) are all with 0.75 units.

AE 100 is taught in first year, so all students entering in F26 will take the 0.75 unit course. Students following a different requirement term should speak to their academic advisor about how to meet this requirement.

Consultations

CEE approval July 17, 2025

Course Information

Faculty

Faculty of Engineering

Academic Unit

Department of Civil and Environmental Engineering

Subject Code
AE

Number
100

Course Level
100

Title
Concepts Studio

Abbreviated Title
Concepts Studio

Undergraduate Communication Requirement Identifier
No,

Description
An introduction to the fundamental engineering methods, principles and skills, design and communication in architectural engineering. Techniques in analytical sketching, orthographic drawing, construction documentation, problem definition, and scaled model building will underlie the collaborative development of (a) small-scale design project(s). Students will become familiar with the language and anatomy of buildings, the studio environment and culture of peer evaluation and juried work critique, and the fundamental conventions of design. Introduction to report writing, documentation, and fundamental two-dimensional computer-aided design (2D CAD) software and tools.

Proposed
Units 0.75
Existing
Units 0.50

Exceptions to Fees or Academic Progress Units
No,

Components
StudioTest Slot

Primary Component
Studio

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 1A or higher
- Enrolled in H-Architectural Engineering

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

Prerequisites

- AE 125 - Structural Design Studio

View Program

Required Courses (Term by Term)

- H-Architectural Engineering - Architectural Engineering (Bachelor of Applied Science - Honours)

View Program

AE 300 - Architectural Engineering Studio 1

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-07-30

Rationale for Change

In the current curriculum, Architectural Engineering students earn 0.5 credits for studio courses throughout their program, with the exception of AE 300. This discrepancy has led to a perception among students that AE 300 is an exceptionally demanding "super course," prompting them to allocate disproportionate effort to it. Students in AE 100, who are new to the program and unfamiliar with university expectations, often dedicate significant time and effort to their coursework, meriting a higher credit value.

To address this imbalance, we propose changing the units of AE 300 from 1 to 0.5 and the units of AE 100 from 0.5 to 0.75. This adjustment does not alter the curriculum's content or requirements; rather, it aims to more equitably distribute the workload, which promotes greater student success a cross the program.

AE 300 is taught in third year, however this unit weight change will change immediately. Students following prior requirement terms will take the 0.50 unit course, and they will all be provided with a 0.50 unit exemption from their degree requirements. This will be communicated to students via the AE Program Director.

Consultations

CEE approved July 17, 2025.

Course Information

Faculty

Faculty of Engineering

Academic Unit

Department of Civil and Environmental Engineering

Subject Code

AE

Number

300

Course Level

300

Title

Architectural Engineering Studio 1

Abbreviated Title

Architectural Eng Studio 1

Undergraduate Communication Requirement Identifier

No,

Description

Comprehensive mid-sized community building design project(s) in collaboration with the School of Architecture. Integration of structure, systems, and architecture explored with case studies. Preparation of construction drawings and specifications.

Proposed

Units

Exceptions to Fees or Academic Progress Units

No,

0.50

Existing

Units
1.00

Components
Studio

Primary Component
Studio

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Must have completed the following:
  - AE225 - Environmental Building Systems Studio (0.50)
- Students must be in level 3A or higher
- Enrolled in H-Architectural Engineering

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Prerequisites

- AE 301 - Building Enclosure Systems View Program
- AE 325 - Architectural Engineering Studio 2 View Program

Required Courses (Term by Term)

- H-Architectural Engineering - Architectural Engineering (Bachelor of Applied Science - Honours) View Program

BET 201 - Entrepreneurial Problem Solving

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Offering Number
1

Existing

Effective Term and Year
Fall 2025

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-10-06

Rationale for Change

Slight change in wording to reflect the content the instructor has developed which caters to students who are interested in starting a venture and those who are interested in entrepreneurial thinking. This description emphasizes that this course is not just about problem solving for venture creation.

The course was originally anticipated to have significant overlap with the content of BET 100 prior to that course being redeveloped. Now the course has been developed, we have determined there is in fact minimal overlap and therefore the anti-requisite is not appropriate.

Course Information

Faculty
Faculty of Engineering

Academic Unit
Conrad School of Entrepreneurship and Business

Subject Code
BET

Number
201

Course Level
200

Title
Entrepreneurial Problem Solving

Abbreviated Title
Entrepreneurial Prob Solving

Undergraduate Communication Requirement Identifier
No,

Proposed

Description
This course introduces the foundations of entrepreneurial problem-solving for students interested in becoming entrepreneurs or in applying entrepreneurial thinking to the way they solve problems. Students will learn to identify and understand pressing problems through research, observation, and root-cause analysis; explore why past solutions may have failed; and use creativity tools to develop solutions before prototyping and testing them. Finally, students will evaluate the impact of solutions. The course combines applied frameworks, case studies, and in-class workshops to facilitate both individual and collaborative learning.

Existing

Description
Successful entrepreneurs combine intellectual rigour with innovation to create solutions that have impact. It is a process that starts with a search for "big ideas" using tools such as research, observation, and appreciative inquiry. Next, entrepreneurs analyze situations and apply creativity techniques to develop solutions. Finally, solutions are tested against business drivers including customer value propositions, customer identification, channel selection, and resource needs. This course covers the three steps that form the foundation of all entrepreneurial success: big ideas, solutions, and testing. Because of its broad scope, the course is valuable to students from different academic backgrounds, entrepreneurship interests, and program level.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
Lecture

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
No consent required,

Prerequisites

No Rules

Corequisites

No Rules

Antirequisites

1. No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

There are no dependencies

BME 121 - Digital Computation

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Updating calendar description to better reflect course content and biomedical applications covered.

Consultations

No consultation required

Course Information

Faculty

Faculty of Engineering

Academic Unit

Dean of Engineering Office

Subject Code

Number

Course Level

BME	121	100

Title
Digital Computation

Abbreviated Title
Digital Computation

Undergraduate Communication Requirement Identifier
No,

Proposed

Description
Introduction to computational problem-solving for biomedical engineering with emphasis on computational thinking, algorithmic methods, and modern software principles. Topics include machine models and program execution, data types and control flow, input/output, loops, functions, arrays, and abstraction through pointers, memory management, and object-oriented programming. Programming practice, testing, and debugging are reinforced through biomedical applications such as data analysis, physiological monitoring, and decision-support.

Existing

Description
The key skills necessary to develop software solutions to solve biomedical engineering problems. Topics include software development, software design, programming language syntax, object oriented programming, structured programming, arrays, matrices, pointers, and algorithm efficiency. The topics will be reinforced in the context of practical biomedical software systems such as physiological monitoring systems and clinical support systems.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LaboratoryLectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 1A or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- SYDE121 - Digital Computation (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Antirequisites

- AE 121 - Computational Methods — View Program

Prerequisites

- MSE 343 - Human-Computer Interaction — View Program

Antirequisites

- CS 106 - Introduction to Computer Programming 2 — View Program
- CS 135 - Designing Functional Programs — View Program
- CS 105 - Introduction to Computer Programming 1 — View Program
- CS 114 - Principles of Computing for Science — View Program
- CS 115 - Introduction to Computer Science 1 — View Program
- SYDE 121 - Digital Computation — View Program
- MSE 121 - Introduction to Computer Programming — View Program

Prerequisites

- ECE 222 - Digital Computers — View Program

Course Lists

- Computing Option - Computing Option — View Program
- Computer Engineering Option - Computer Engineering Option — View Program
- Software Engineering Option - Software Engineering Option — View Program

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours) — View Program

BME 122 - Data Structures and Algorithms

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Updating calendar description to better reflect course content and biomedical applications covered.

Consultations

No consultation required

Course Information

Faculty
Faculty of Engineering

Academic Unit
Dean of Engineering Office

Subject Code
BME

Number
122

Course Level
100

Title
Data Structures and Algorithms

Abbreviated Title
Data Structures & Algorithms

Undergraduate Communication Requirement Identifier
No,

Proposed

Description
Introduction to data structures and algorithms with emphasis on abstraction, problem-solving, and efficient organization of data. Topics include recursion, dynamic memory management, sequential and linked lists, stacks, queues, trees, graphs, fundamental algorithms for sorting and searching, and the analysis of algorithm efficiency in terms of time and memory. Problem-solving strategies, abstraction, and good programming style are

emphasized with applications drawn from biomedical domains such as electronic medical records, health care management systems, and related biomedical data operations.

Existing

Description
Topics of structured software design, data structures, abstract data types, recursive algorithms, algorithm and data structure analysis and design from both computational and memory perspectives, lists, stacks, queues, trees, graphs, sorting and searching, hashing, and problem-solving strategies. Embedded programming in health monitoring systems and healthcare management systems.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 1B or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- SYDE223 - Data Structures and Algorithms (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Prerequisites

- ECE 351 - Compilers View Program
- ECE 356 - Database Systems View Program
- ECE 452 - Software Design and Architectures View Program
- ECE 453 - Software Testing, Quality Assurance, and Maintenance View Program
- ECE 406 - Algorithm Design and Analysis View Program
- ECE 457A - Co-operative and Adaptive Algorithms View Program
- ECE 457B - Fundamentals of Computational Intelligence View Program

Antirequisites

- CS 231 - Algorithmic Problem Solving View Program
- CS 234 - Data Types and Structures View Program
- CS 240 - Data Structures and Data Management View Program
- MSE 240 - Algorithms and Data Structures View Program

Prerequisites

- SYDE 522 - Foundations of Artificial Intelligence View Program

Antirequisites

- SYDE 223 - Data Structures and Algorithms View Program

Prerequisites

- MSE 446 - Introduction to Machine Learning View Program
- SYDE 322 - Software Design View Program
- ECE 451 - Software Requirements Specification and Analysis View Program
- ECE 252 - Systems Programming and Concurrency View Program
- MSE 541 - Search Engines View Program

Course Lists

- Computing Option - Computing Option View Program
- Computer Engineering Option - Computer Engineering Option View Program
- Software Engineering Option - Software Engineering Option View Program

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours) View Program

BME 161 - Introduction to User-Centered Biomedical Design 1

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Historically, BME161 introduced design tools and the engineering design cycle, which students applied in a team-based project. However, as a single-term course, time constraints limited opportunities for design iteration. Additionally, the team project often incorporated human factors, which were not taught until the subsequent term in BME162.

The contents of both courses (design tools, engineering design cycle, human factors) have now been redistributed, with human factors content being taught throughout 161 and 162 and applied in the team project. The team project extends from BME 161 into BME 162, allowing for design iteration and further development of teamwork and project management skills. This new two-term sequence also improves workload distribution for the team project.

Consultations

No consultation necessary

Course Information

Faculty

Faculty of Engineering

Academic Unit

Dean of Engineering Office

Subject Code	Number	Course Level
BME	161	100

Proposed
Title Introduction to User-Centered Biomedical Design 1
Existing
Title Introduction to Biomedical Design

Proposed
Abbreviated Title Intro Biomedical Design 1
Existing
Abbreviated Title

Undergraduate Communication Requirement Identifier

No,

Intro Biomedical Design

Proposed

Description
In this course, students will engage in team-based design project with a focus on needs assessment at a systems level including considering of person, tasks, tools, and environment. Students will learn about the user-centered, iterative engineering design process and human factors design principles and techniques. Specific topics include failure in design, engineering professionalism, project management, teamwork, problem definition, design specifications, design documentation, and user capabilities with a focus on physical and cognitive ergonomics.

Existing

Description
Topics related to biomedical design will be covered: multidisciplinary system design, design process, problem definition, life-cycle design, design specification, function analysis, design evaluation and decision-making, introduction to mechanical design, prototyping, experimentation, safety and responsibility in engineering design, design for society and environment, and design documentation.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 1A or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- SYDE161 - Introduction to Design (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Antirequisites

- SYDE 161 - Introduction to Design

View Program

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours)

View Program

BME 162 - Introduction to User-Centered Biomedical Design 2

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Historically, BME161 introduced design tools and the engineering design cycle, which students applied in a team-based project. However, as a single-term course, time constraints limited opportunities for design iteration. Additionally, the team project often incorporated human factors, which were not taught until the subsequent term in BME162.

The contents of both courses (design tools, engineering design cycle, human factors) have now been redistributed, with human factors content being taught throughout 161 and 162 and applied in the team project. The team project extends from BME 161 into BME 162, allowing for design iteration and further development of teamwork and project management skills. This new two-term sequence also improves workload distribution for the team project.

Consultations

No consultation required

Course Information

Faculty

Faculty of Engineering

Academic Unit

Dean of Engineering Office

Subject Code
BME

Number
162

Course Level
100

Proposed

Title
Introduction to User-Centered Biomedical Design 2

Existing

Title
Human Factors in the Design of Biomedical and Health Systems

Proposed

Abbreviated Title
Intro Biomedical Design 2

Existing

Abbreviated Title
Design of Biomed & Hlth Sys

Undergraduate Communication Requirement Identifier

No,

Proposed

Description
In this course, students will engage in team-based design project with a focus on engineering analysis, prototyping, and testing. Students will learn about the user-centered, iterative engineering design process and human factors design principles and techniques. Specific topics include design specifications, QFD, design documentation, decision-making tools, function analysis, physical and cognitive ergonomics, teamwork, and ethical user testing.

Existing

Description
Design of human-machine environments, designing for patient safety and reduce human error in decision-making, analytical methods of determining user needs, information processing and human sensory processes and consideration of these elements in the design of systems with humans, and consideration of human physical capabilities in ergonomic design. Topics will be reinforced in the context of the design of prosthetics or rehabilitation devices.

Units

Exceptions to Fees or Academic Progress Units

0.50

No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 1B or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- SYDE162 - Human Factors in Design (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

Prerequisites

- SYDE 542 - Interface Design View Program

Antirequisites

- SYDE 162 - Human Factors in Design View Program

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours) View Program

BME 213 - Statistics and Experimental Design

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Offering Number
1

Effective Term and Year
Fall 2024

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Updating calendar description to include the use of statistical computing and data visualization.

Reference to R in description - We want our students to learn R, as this is a statistical tool used broadly in scientific research and biomedical applications and it was very intentional to have it in the calendar description.

Consultations

Consulted with Chemical Engineering ACUG who assigns course instructor. A Chem Eng representative is also on the BME curriculum and program committee.

Course Information

Faculty
Faculty of Engineering

Academic Unit
Dean of Engineering Office

Subject Code
BME

Number
213

Course Level
200

Title
Statistics and Experimental Design

Abbreviated Title
Stats & Experimental Design

Undergraduate Communication Requirement Identifier
No,

Proposed

Description
Fundamentals of probability and statistics, and applications to biomedical engineering. Random variables and statistical distributions, statistical estimation, hypothesis testing, regression, and experiment design considerations. Statistical analysis computing tool, such as R, will be introduced with applications to biomedical experiments, biomedical imaging data, and clinical trials.

Existing

Description
Fundamentals of probability and statistics, and applications to biomedical engineering. Random variables and statistical distributions, statistical estimation, hypothesis testing, regression, and experiment design considerations. Applications to biomedical experiments, biomedical imaging data, and clinical trials.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 2B or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

Complete all of the following

- Not completed nor concurrently enrolled in:
  - BIOL361 - Biostatistics and Experimental Design (0.50)
  - CHE220 - Process Data Analysis (0.50)
  - CIVE224 - Probability and Statistics (0.50)
  - ENVE224 - Probability and Statistics (0.50)
  - ME202 - Statistics for Engineers (0.50)
  - MTE201 - Experimental Measurement and Statistical Analysis (0.50)
  - NE215 - Probability and Statistics (0.50)
  - PSYCH292 - Basic Data Analysis (0.50)
  - STAT202 - Introductory Statistics for Scientists (0.50)
  - STAT206 - Statistics for Software Engineering (0.50)
  - STAT211 - Introductory Statistics and Sampling for Accounting (0.50)
  - SYDE212 - Probability and Statistics (0.50)
- Not completed nor concurrently enrolled in: KIN222, MSCI252

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

Prerequisites

- ECE 358 - Computer Networks View Program
- ECE 457C - Reinforcement Learning View Program
- SYDE 334 - Applied Statistics View Program

Antirequisites

- SYDE 212 - Probability and Statistics View Program

Prerequisites

- MSE 446 - Introduction to Machine Learning View Program
- MSE 431 - Stochastic Models and Methods View Program

Antirequisites

- MSE 251 - Probability and Statistics 1 View Program

Prerequisites

- MSE 543 - Analytics and User Experience View Program
- MSE 452 - Decision Making Under Uncertainty View Program
- MSE 551 - Quality Management and Control View Program
- MSE 422 - Economic Impact of Technological Change and Entrepreneurship View Program
- MSE 432 - Production and Service Operations Management View Program
- MSE 541 - Search Engines View Program

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours) View Program

BME 261 - Prototyping, Simulation and Design

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Updating calendar description to reflect course content and approach to the design project.

BME 261 is a design and prototyping course, hands-on activities are scheduled in various locations (such material lab, electronics lab or the machine shop). TUT has been revised to WKSHP to reflect the nature of these activities.

Course Information

Faculty
Faculty of Engineering

Academic Unit
Dean of Engineering Office

Subject Code
BME

Number
261

Course Level
200

Title
Prototyping, Simulation and Design

Abbreviated Title
Prototype, Simulation & Design

Undergraduate Communication Requirement Identifier
No,

Proposed

Description
Students develop biomedical systems through integrated design approaches involving mechanical, electrical, and software components. The course emphasizes problem-solving, simulation, and prototyping, with exposure to development cycles and revision control. Students apply engineering principles from multiple domains and use tools such as CAD and digital manufacturing tools to create functional prototypes. Integration of subsystems across multiple domains will be reinforced through overlapping elements with BME252, BME284, BME294, and BME294L.

Existing

Description

Problem-solving approaches, agile design and development, rapid prototyping, revision control, design patterns, development cycles, and simulation. Topics will be reinforced in the context of biomedical engineering projects conducted in groups within a collaborative environment.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Proposed

Components
Workshop

Existing

Components
Tutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add

Consent to Drop

No consent required,

Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 2B or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours)

View Program

BME 281 - Mechanics of Deformable Solids

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Updating calendar description to better reflect course content and biomedical applications covered.

Consultations

Consultation with Department of Mechanical and Mechatronic Engineering course instructors and instructors teaching pre-reqs.

Course Information

Faculty
Faculty of Engineering

Academic Unit
Dean of Engineering Office

Subject Code
BME

Number
281

Course Level
200

Title
Mechanics of Deformable Solids

Abbreviated Title
Mechanics of Deformable Solids

Undergraduate Communication Requirement Identifier
No,

Proposed

Description
Introduction to mechanical response of materials and stress-strain relationship. Behaviour of prismatic members in tension, compression, shear, bending, and torsion. Introduction to deflection of beams and instability. Mechanical properties of biological tissues, such as bone, ligaments, and cartilage. Introduction to viscoelastic models.

Existing

Description
Introduction to mechanical response of materials and stress-strain relationship. Behaviour of prismatic members in tension, compression, shear, bending, and torsion. Shear-force and bending-moment diagrams. Introduction to instability. Mechanical properties of biological tissues, and viscoeleastic models. Applications to bone, cartilage, and biomedical implants.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 2A or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- CIVE204 - Solid Mechanics 1 (0.50)
- ME219 - Mechanics of Deformable Solids 1 (0.50)
- SYDE286 - Mechanics of Deformable Solids (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Antirequisites

- SYDE 286 - Mechanics of Deformable Solids View Program

Prerequisites

- BME 550 - Sports Engineering View Program

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours) View Program

BME 282 - Materials Science for Biomedical Engineers Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Updating calendar description to better reflect course content and biomedical applications covered

Consultations

Consultation with insructors from Mechanical and Mechatronics Department.

Course Information

Faculty

Faculty of Engineering

Academic Unit

Dean of Engineering Office

Subject Code
BME

Number
282

Course Level
200

Title
Materials Science for Biomedical Engineers

Abbreviated Title
Materials Science

Undergraduate Communication Requirement Identifier
No,

Proposed

Description
Crystalline structure, crystal defects, non-crystalline materials, structure and properties of metals, ceramics, polymers, and composites. Factors in materials design, material selection and processing in the context of biomedical devices will also be discussed.

Existing

Description
Crystalline structure, crystal defects, non-crystalline materials, structure and properties of metals, ceramics, glasses, semi-conductors, polymers, and composites. Factors in materials design, material selection and processing in the context of biomedical devices and instruments will also be discussed.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 2A or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- SYDE285 - Materials Chemistry (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

Antirequisites

- SYDE 285 - Materials Chemistry

View Program

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours)

View Program

BME 284 - Physiological and Biological Systems

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Updating calendar description to better reflect course content. Modeling of physiological systems is covered in a separate course.

Removing anti-req. SYDE384 which hasn't been offered in past 5 years.

Consultations

No consultation required

Course Information

Faculty

Faculty of Engineering

Academic Unit

Dean of Engineering Office

Subject Code
BME

Number
284

Course Level
200

Title
Physiological and Biological Systems

Abbreviated Title
Physiological & Biological Sys

Undergraduate Communication Requirement Identifier
No,

Proposed

Description
The structure, functions, and properties of the major biological systems (musculoskeletal, nervous, cardiovascular) will be presented in relation to the design of biomedical devices (imaging, assistive, and diagnostic). Various aspects of pathology and how they influence medical device design will also be discussed.

Existing

Description
The structure, functions, and properties of the major biological systems (musculoskeletal, nervous, cardiovascular) will be presented in relation to the design of biomedical devices (imaging, assistive, and diagnostic). Concepts in modelling biological systems will be introduced. Various aspects of pathology and how they influence medical device design will also be discussed.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 2B or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

1. Not completed nor concurrently enrolled in:
    - SYDE584 - Physiological Systems and Biomedical Design (0.50)
    -
    - ~~Not completed nor concurrently enrolled in: SYDE384~~

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Prerequisites

- BME 544 - Biomedical Measurement and Signal Processing View Program
- BIOL 376 - Cellular Neurophysiology View Program
- BIOL 476 - Systems Neuroscience: From Neurons to Behaviour View Program
- SYDE 544 - Biomedical Measurement and Signal Processing View Program

Antirequisites

- SYDE 584 - Physiological Systems and Biomedical Design View Program

Course Requirements (no units)

- Biomechanics Option - Biomechanics Option View Program

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours) View Program

BME 285 - Biology for Biomedical Engineers

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Revising course title to better represent course content. Due to the introductory nature of this course, engineering science is limited.

Consultations

Department of chemical engineering; faculty members from the department teach this course

Course Information

Faculty

Faculty of Engineering

Academic Unit

Dean of Engineering Office

Subject Code	Number	Course Level
BME	285	200

Proposed

Title
Biology for Biomedical Engineers

Existing

Title
Engineering Biology

Proposed

Abbreviated Title
Biology for Biomed Engineers

Existing

Abbreviated Title
Engineering Biology

Undergraduate Communication Requirement Identifier
No,

Description
Introduction to basic concepts of biochemistry and cell biology. Overview of the chemistry of amino acids, carbohydrates, lipids, and nucleic acid. Structure and properties of proteins and enzymes. Elements of cell structure and diversity, and relationship of biochemistry with cell metabolism. A focus on biomedical engineering with relevant examples such as biomimetic engineering design, system biology, and tissue engineering.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 2A or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

Prerequisites

- KIN 406 - Physiology of Muscle Aging and Disease View Program
- NE 380L - Nanobiotechnology Engineering Laboratory View Program

Antirequisites

- NE 281 - Biology for Nanotechnology Engineers View Program

Course Requirements (no units)

- Life Sciences Option - Life Sciences Option View Program

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours) View Program

BME 285L - Biology for Biomedical Engineers Laboratory

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Revising course title from Engineering Biology to better reflect course content. Due to the introductory nature of this course, engineering science is limited.

Consultations

Consultation with Department of Chemical Engineering as the lab course is associated with a course they are teaching.

Course Information

Faculty

Faculty of Engineering

Academic Unit

Dean of Engineering Office

Subject Code	Number	Course Level
BME	285L	200

Proposed
Title Biology for Biomedical Engineers Laboratory
Existing
Title Engineering Biology Laboratory

Proposed
Abbreviated Title Biology for Biomed Eng Lab
Existing
Abbreviated Title Engineering Biology Lab

Undergraduate Communication Requirement Identifier

No,

Description

Laboratory experiments for students taking BME285.

Units
0.25

Exceptions to Fees or Academic Progress Units
No,

Components
Laboratory

Primary Component
Laboratory

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 2A or higher
- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Antirequisites

- NE 380L - Nanobiotechnology Engineering Laboratory

View Program

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours)

View Program

BME 288 - Physics 2: Dynamics

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year

Offering Number
1

Fall 2024

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Re-numbering to BME 288: course is taught in second year. This change can be made right away as students in first year have already taken BME 182, and if they need to repeat it they can replace it with BME 288.

Course Information

Faculty
Faculty of Engineering

Academic Unit
Dean of Engineering Office

Subject Code
BME

Proposed	Proposed
Number 288	**Course Level** 200
Existing	Existing
Number 182	**Course Level** 100

Title
Physics 2: Dynamics

Abbreviated Title
Physics 2: Dynamics

Undergraduate Communication Requirement Identifier
No,

Description
The science of motion is taught with initial focus on particles, and then progressing to planar rigid body systems. Concepts such as inertia, momentum, work, energy, Newton's laws, and contact dynamics are covered, with particular application to human motions (e.g., walking, running, jumping, lifting, and throwing).

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

Complete all of the following

- Students must be in level 2B or higher

- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

1. Complete all of the following
   - Not completed nor concurrently enrolled in:
   - ME212 - Dynamics (0.50)
   - SYDE182 - Physics 2: Dynamics (0.50)
   -
   - **Not completed nor concurrently enrolled in: BME182**

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Antirequisites

- NE 131 - Physics for Nanotechnology Engineering View Program
- MTE 182 - Physics 2: Dynamics View Program
- SYDE 182 - Physics 2: Dynamics View Program

Prerequisites

- BME 550 - Sports Engineering View Program
- BME 551 - Biomechanics of Human Movement View Program

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours)
  View Program

Top

BME 461 - Biomedical Engineering Design Workshop 2

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Updating components to project to better reflect the course type and maintain consistency with other programs.

The capstone design project is a 3-course sequence (BME 362, BME 461, BME 462) where team formation and needs identification takes place in BME 362 and students move to design, prototype and implement solution in BME 461 and BME 462.

Course Information

Faculty
Faculty of Engineering

Academic Unit
Dean of Engineering Office

Subject Code
BME

Number
461

Course Level
400

Title
Biomedical Engineering Design Workshop 2

Abbreviated Title
Design Workshop 2

Undergraduate Communication Requirement Identifier
No,

Description
The first half of a two-term engineering design project continuing the biomedical design workshop sequence. A prototype and interim progress report are presented at the end of the first term. Lecture topics include safety and risk analysis of biomedical technologies.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Proposed
Components Project
Existing
Components Laboratory Lecture

Proposed
Primary Component Project
Existing
Primary Component Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

1. Complete all of the following
   - **Must have completed the following:**
   - **BME362 - Biomedical Engineering Design Workshop 1 (0.50)**
   -
   - Students must be in level 4A or higher
   - Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- SYDE461 - Systems Design Capstone Project 1 (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Antirequisites

- SYDE 461 - Systems Design Capstone Project 1 View Program

Course Requirements (no units)

- Medical Artificial Intelligence Specialization - Medical Artificial Intelligence Specialization View Program
- Medical Devices Specialization - Medical Devices Specialization View Program
- Sports Engineering Specialization - Sports Engineering Specialization View Program
- Neural Engineering Specialization - Neural Engineering Specialization View Program
- Mechatronics Option - Mechatronics Option View Program

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours) View Program

BME 462 - Biomedical Engineering Design Workshop 3

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Updating components to project to better reflect the course type and maintain consistency with other programs.

The capstone design project is a 3-course sequence (BME 362, BME 461, BME 462) where engineering specifications and low fidelity prototyping takes place in BME 461 and students move to final prototype and validation in BME 462.

Course Information

Faculty

Faculty of Engineering

Academic Unit

Dean of Engineering Office

Subject Code

BME

Number

462

Course Level

400

Title

Biomedical Engineering Design Workshop 3

Abbreviated Title

Design Workshop 3

Undergraduate Communication Requirement Identifier

No,

Description

The concluding half of the fourth-year Biomedical Engineering Design Workshop.

Units

0.50

Exceptions to Fees or Academic Progress Units

No,

Proposed	Proposed
Components Project	**Primary Component** Project
Existing	Existing
Components Laboratory Lecture	**Primary Component** Laboratory

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

1. Complete all of the following
   - **Must have completed the following:**
   - **BME461 - Biomedical Engineering Design Workshop 2 (0.50)**
   -
   - Students must be in level 4B

- Enrolled in H-Biomedical Engineering

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- SYDE462 - Systems Design Capstone Project 2 (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Antirequisites

- SYDE 462 - Systems Design Capstone Project 2 View Program

Course Requirements (no units)

- Medical Artificial Intelligence Specialization - Medical Artificial Intelligence Specialization View Program
- Medical Devices Specialization - Medical Devices Specialization View Program
- Sports Engineering Specialization - Sports Engineering Specialization View Program
- Neural Engineering Specialization - Neural Engineering Specialization View Program
- Mechatronics Option - Mechatronics Option View Program

Required Courses (Term by Term)

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours)
  View Program

Top

BME 544 - Biomedical Measurement and Signal Processing

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Changes to the calendar description are being made to be more general on the type of biosignals that will be covered in the course, this will for more flexibility around the type of biomedical applications that can be covered in the course.

Pre-reqs are being updated to make the course more accessible to non-BME students.

Removing Honours Life Physics pre-req. - inactive program.

Course Information

Faculty
Faculty of Engineering

Academic Unit
Dean of Engineering Office

Subject Code

Number

Course Level

BME	544	500

Title
Biomedical Measurement and Signal Processing

Proposed

Abbreviated Title
Biomedical Signal Processing

Existing

Abbreviated Title
Measure & Signal Processing

Undergraduate Communication Requirement Identifier
No,

Proposed

Description
This course develops an understanding of biomedical measurements and signal processing through the examination of a variety of biosignals and applications. Issues related to the instrumentation used to collect biosignals will be discussed. Signal processing techniques will be explored and applied in the context of biomedical signals.

Existing

Description
This course develops an understanding of biomedical measurements through the examination of electromyographic (EMG), electroencephalographic (EEG), and electrocardiographic (ECG) signals. Measurement of human-body position, force, and pressure, and related instrumentation will also be presented. Signal processing techniques will be discussed in the context of extraction and application of useful biomedical signals.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
No consent required,

Prerequisites

1. Complete all of the following
   - Complete all of the following
   - Must have completed at least 1 of the following:
   - BIOL273 - Principles of Human Physiology 1 (0.50)
   - BME284 - Physiological and Biological Systems (0.50)
   - SYDE584 - Physiological Systems and Biomedical Design (0.50)
   -
   - Must have completed at least 1 of the following:
   - **BME252 - Linear Systems and Signals (0.50)**
   - **MTE252 - Linear Systems and Signals (0.50)**
   - **SYDE252 - Linear Systems and Signals (0.50)**
   -
   - Complete 1 of the following
   - Complete all of the following
   - Students must be in level 3A or higher
   - Enrolled in H-Biomedical Engineering
   -
   - Students must be in level 3B or higher
   - ~~Must have completed the following: SYDE384~~
   - ~~Enrolled in H-Systems Design Engineering~~
   - ~~Enrolled in Hnours Life Physics (Biophysics Specialization)~~

Corequisites

No Rules

Antirequisites

Not completed nor concurrently enrolled in:

- SYDE544 - Biomedical Measurement and Signal Processing (0.50)

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

Course Requirements (no units)

- Sports Engineering Specialization - Sports Engineering Specialization View Program

Course Lists

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours)
- H-Nanotechnology Engineering - Nanotechnology Engineering (Bachelor of Applied Science - Honours) View Program
- H-Systems Design Engineering - Systems Design Engineering (Bachelor of Applied Science - Honours) View Program

View Program

BME 550 - Sports Engineering

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2025

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-09-26

Rationale for Change

Updating pre-req to add new MTE course codes

Consultations

No consultation required

Course Information

Faculty
Faculty of Engineering

Academic Unit
Dean of Engineering Office

Subject Code
BME

Number
550

Course Level
500

Title
Sports Engineering

Abbreviated Title
Sports Engineering

Undergraduate Communication Requirement Identifier
No,

Description
This course focuses on the application of engineering principles to the analysis of sports equipment and their effects on athletic performance. Principles of mechanics are used to understand the motion and forces arising in sports equipment, and their interaction with the musculoskeletal dynamics of athletes.

Units

Exceptions to Fees or Academic Progress Units

0.50

No,

Components
LectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
No consent required,

Prerequisites

1. Complete all of the following
   - Must have completed at least 1 of the following:
   - BME182 - Physics 2: Dynamics (0.50)
   - ME212 - Dynamics (0.50)
   - **MTE182 - Physics 2: Dynamics (0.50)**
   - SYDE182 - Physics 2: Dynamics (0.50)
   -
   - Complete 1 of the following
   - Must have completed at least 1 of the following:
   - BME281 - Mechanics of Deformable Solids (0.50)
   - **MTE219 - Mechanics of Deformable Solids (0.50)**
   - SYDE286 - Mechanics of Deformable Solids (0.50)
   -
   - Must have completed the following: ME219
   -

- Students must be in level 3A or higher
- Enrolled in a program offered by Faculty of Engineering

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Course Requirements (no units)

- Sports Engineering Specialization - Sports Engineering Specialization View Program
- Physical & Mechatronics Systems Specialization - Physical and Mechatronics Systems Specialization View Program

Course Lists

- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours)
- H-Nanotechnology Engineering - Nanotechnology Engineering (Bachelor of Applied Science - Honours) View Program View Program
- H-Systems Design Engineering - Systems Design Engineering (Bachelor of Applied Science - Honours) View Program

ECE 358 - Computer Networks

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-10-23

Rationale for Change

Adding MSE 253 to pre-requisites to ease admin burden for MSE students wishing to take ECE 358. ECE 358 requires ECE 203 or equivalent/higher as a pre-req. MSE 253 is the 2nd probability and stats course in MSE

Consultations

Change requested by MSE.

Course Information

Faculty
Faculty of Engineering

Academic Unit
Department of Electrical and Computer Engineering

Subject Code
ECE

Number
358

Course Level
300

Title
Computer Networks

Abbreviated Title
Computer Networks

Undergraduate Communication Requirement Identifier
No,

Description
This course is a comprehensive introduction to computer networks. The focus is on the concepts, the protocols, and the fundamental design principles that have contributed to the success of the internet. Topics include history of the Internet, transmission media and technologies, switching and multiplexing, protocols and layering, wired and wireless LAN (local-area networks), congestion/flow/error control, routing, addressing, internetworking (Internet) including TCP (transmission control protocol).

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LaboratoryLectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
Department consent required,

Prerequisites

1. Must have completed at least 1 of the following:
    - BME213 - Statistics and Experimental Design (0.50)
    - ECE203 - Probability Theory and Statistics 1 (0.50)
    - **MSE253 - Probability and Statistics 2 (0.50)**
    - MTE201 - Experimental Measurement and Statistical Analysis (0.50)
    - NE215 - Probability and Statistics (0.50)
    - STAT206 - Statistics for Software Engineering (0.50)
    - SYDE212 - Probability and Statistics (0.50)

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

Prerequisites

- ECE 454 - Distributed Computing — View Program

Antirequisites

- CS 456 - Computer Networks — View Program
- CS 436 - Networks and Distributed Computer Systems — View Program

Corequisites

- CS 459 - Privacy, Cryptography, Network and Data Security View Program

Prerequisites

- ECE 416 - Advanced Topics in Networking View Program

Course Requirements (no units)

- CE-Communications & Signal Processing Specialization - Communications and Signal Processing Specialization View Program
- EE-Communications & Signal Processing Specialization - Communications and Signal Processing Specialization View Program

Course Lists

- Computing Option - Computing Option View Program
- Computer Engineering Option - Computer Engineering Option View Program
- Software Engineering Option - Software Engineering Option View Program
- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours)
- H-Electrical Engineering - Electrical Engineering (Bachelor of Applied Science - Honours) View Program
- H-Computer Engineering - Computer Engineering (Bachelor of Applied Science - Honours) View Program
- H-Mechatronics Engineering - Mechatronics Engineering (Bachelor of Applied Science - Honours) View Program View Program
- H-Nanotechnology Engineering - Nanotechnology Engineering (Bachelor of Applied Science - Honours)
- H-Systems Design Engineering - Systems Design Engineering (Bachelor of Applied Science - Honours) View Program View Program

Required Courses (Term by Term)

- H-Software Engineering - Software Engineering (Bachelor of Software Engineering - Honours) View Program

ECE 406 - Algorithm Design and Analysis

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-10-23

Rationale for Change

Unlike other TEs, 406 does not mention any minimum level for students, even though we anticipate that our ECE students take it no earlier than 3B. Apparently 2nd year students in MME are course-selecting it, and the administration there requests this constraint.

Consultations

Change requested by MME.

Course Information

Faculty
Faculty of Engineering

Academic Unit
Department of Electrical and Computer Engineering

Subject Code
ECE

Number
406

Course Level
400

Title
Algorithm Design and Analysis

Abbreviated Title
Algorithm Design & Analysis

Undergraduate Communication Requirement Identifier
No,

Description
Design and analysis of efficient, correct algorithms. Advanced data structures, divide-and-conquer algorithms, recurrences, greedy algorithms, dynamic programming, graph algorithms, search and backtrack, inherently hard and unsolvable problems, approximation and randomized algorithms, and amortized analysis.

Units
0.50

Exceptions to Fees or Academic Progress Units
No,

Components
LaboratoryLectureTutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
No consent required,

Prerequisites

1. Complete all of the following
   - Complete 1 of the following
   - Must have completed at least 1 of the following:
   - BME122 - Data Structures and Algorithms (0.50)
   - ECE250 - Algorithms and Data Structures (0.50)
   - MSE240 - Algorithms and Data Structures (0.50)
   - MTE140 - Algorithms and Data Structures (0.50)
   - SYDE223 - Data Structures and Algorithms (0.50)
   -
   - Must have completed the following: MSCI240
   -
   - **Students must be in level 3B or higher**

Corequisites

No Rules

Antirequisites

Complete all of the following

- Not completed nor concurrently enrolled in:
  - CS341 - Algorithms (0.50)
  - CS466 - Algorithm Design and Analysis (0.50)
- Not completed nor concurrently enrolled in: SYDE423

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow

Faculty of Engineering

Dependencies

Antirequisites

- CS 341 - Algorithms View Program

Course Lists

- Computing Option - Computing Option View Program
- Computer Engineering Option - Computer Engineering Option View Program
- Software Engineering Option - Software Engineering Option View Program
- H-Mechanical Engineering - Mechanical Engineering (Bachelor of Applied Science - Honours)
- H-Biomedical Engineering - Biomedical Engineering (Bachelor of Applied Science - Honours) View Program
- H-Electrical Engineering - Electrical Engineering (Bachelor of Applied Science - Honours) View Program
- H-Computer Engineering - Computer Engineering (Bachelor of Applied Science - Honours) View Program
- H-Mechatronics Engineering - Mechatronics Engineering (Bachelor of Applied Science - Honours)
- H-Nanotechnology Engineering - Nanotechnology Engineering (Bachelor of Applied Science - Honours) View Program
- H-Systems Design Engineering - Systems Design Engineering (Bachelor of Applied Science - Honours) View Program

ECE 457A - Artificial and Natural Intelligence

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-05-08

Rationale for Change

1) At the request of the Software Engineering Department: Add CS 240 "Data Structures and Data Management" to the list of prerequisite courses. ECE 457A already list a number of 1st/2nd year data structures courses from within engineering as pre-req. E.g., BME 122, ECE 250, MSE 240. This would add the corresponding CS course as well, thereby making it easier for SE students to take ECE 457A and/or B.

2) Change course title to "Artificial and Natural Intelligence". New title better reflects course content in the context of recent advances in AI.

Consultations

Associate Director, Software Engineering, ECE Theme area, ECE department

Course Information

Faculty

Faculty of Engineering

Academic Unit

Department of Electrical and Computer Engineering

Subject Code
ECE

Number
457A

Course Level
400

Proposed

Title
Artificial and Natural Intelligence

Existing

Title
Co-operative and Adaptive Algorithms

Proposed

Abbreviated Title
Artificial & Nat Intelligence

Existing

Abbreviated Title
Co-op & Adaptive Algorithms

Undergraduate Communication Requirement Identifier

No,

Description

The course starts by addressing the ill-structured problems and need for computational intelligence methods. It introduces the concepts of heuristics and their use in conjunction with search methods, solving problems using heuristics and metaheuristics, constraints satisfaction. The course also introduces the concepts of co-operation and adaptations and how they are influencing new methods for solving complex problems. The course starts by illustrating how the concepts of co-operation and adaptation are manifested in nature and how such models are inspiring new types of solutions methods. Topics to be covered include search algorithms, game playing, constraints satisfaction, meta-heuristics, evolutionary computing methods, swarm intelligence, ant-colony algorithms, particle swarm methods, adaptive and learning algorithms and the use of these algorithms in solving continuous and discrete problems that arise in engineering applications.

Units
0.50

Exceptions to Fees or Academic Progress Units

No,

Components
LectureTest Slot Tutorial

Primary Component
Lecture

Grading Information

Standard Course Grading
Yes,

Cross-Listing Information

Is this course cross-listed?
No,

Repeatable Courses

Can this course be repeated for credit?
No,

Enrolment Rules

Consent to Add
No consent required,

Consent to Drop
No consent required,

Prerequisites

1. Complete all of the following
    - Complete 1 of the following
    - Must have completed at least 1 of the following:
    - BME122 - Data Structures and Algorithms (0.50)
    - **CS240 - Data Structures and Data Management (0.50)**
    - ECE250 - Algorithms and Data Structures (0.50)
    - MSE240 - Algorithms and Data Structures (0.50)
    - MTE140 - Algorithms and Data Structures (0.50)
    - SYDE223 - Data Structures and Algorithms (0.50)
    -
    - Must have completed the following: MSCI240
    -
    - Students must be in level 4A or higher
    - Complete 1 of the following
    - Enrolled in H-Software Engineering
    - Enrolled in a BASc program

Corequisites

No Rules

Antirequisites

No Rules

Course Notes

Workflow Information

Workflow Path
Committee approvals,

Faculty/AFIW Path(s) for Workflow
Faculty of Engineering

Dependencies

Antirequisites

- SYDE 522 - Foundations of Artificial Intelligence View Program

Course Lists

- Computing Option - Computing Option View Program
- Computer Engineering Option - Computer Engineering Option View Program
- Software Engineering Option - Software Engineering Option View Program

Course Requirements (no units)

- Artificial Intelligence Option - Artificial Intelligence Option View Program
- Mechatronics Option - Mechatronics Option View Program

Course Lists

- H-Mechanical Engineering - Mechanical Engineering (Bachelor of Applied Science - Honours) View Program

Course Requirements (no units)

- Cognitive Science Minor - Cognitive Science Minor View Program

Course Lists

- H-Electrical Engineering - Electrical Engineering (Bachelor of Applied Science - Honours) View Program
- H-Computer Engineering - Computer Engineering (Bachelor of Applied Science - Honours) View Program
- H-Mechatronics Engineering - Mechatronics Engineering (Bachelor of Applied Science - Honours) View Program
- H-Nanotechnology Engineering - Nanotechnology Engineering (Bachelor of Applied Science - Honours) View Program
- H-Software Engineering - Software Engineering (Bachelor of Software Engineering - Honours) View Program

ECE 457B - Machine Learning

Top

Effective Date & Career

Career
Undergraduate,

Proposed

Effective Term and Year
Fall 2026

Existing

Effective Term and Year
Fall 2024

Offering Number
1

Proposal Details

Proposal Type
Change,

Academic Unit Approval
2025-05-08

Rationale for Change

1) At the request of the Software Engineering Department: Add CS 240 "Data Structures and Data Management to the list of prerequisite courses. ECE 457B already list a number of 1st/2nd year data structures courses from within engineering as pre-req. E.g., BME 122, ECE 250, MSE 240. This would add the corresponding CS course as well, thereby making it easier for SE students to take ECE 457B.

2) Change course title to "Machine Learning". New title better reflects course content in context of recent advances in AI.

3) Include MSE 446 as anti requisite to mirror MSE 446 list.

4) Add CHE 523 as anti requisite course to mirror CHE 523 list.

Consultations

Associate Director, Software Engineering, ECE Theme area, ECE department