



The following proposals, received on DAP between the dates listed below, have been approved.

DAP Submission Period: December 1-15, 2020 **DAP Approval Date:** January 01, 2021

[For more information on the DAP process, see the Secretariat's website.](#)

Approval Route: DAP

Faculty of Engineering

CHEMICAL AND BIOCHEMICAL ENGINEERING

Effective September 1, 2021, the following change(s) be made: Revision to Technical Electives List.

C. CHEMICAL ENGINEERING/HBA

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Fifth Year Program

CBE 4497, ES 4498F/G, two 0.5 technical electives*,

3.0 Business Administration courses:

- 0.5 course: International Perspective Requirement: Business Administration 4505A/B.
- 0.5 course: Corporations and Society Perspective Requirement: At least one 0.5 course from Business Administration - Corporations and Society designated electives offered during the academic year (Business Administration 4538A/B, Business Administration 4539A/B, Business Administration 4588A/B, Business Administration 4625A/B) or other business elective as determined and approved by the HBA Program Director to satisfy this requirement.
- 0.5 course: Managerial Accounting Requirement: Business Administration 4624A/B.
- 1.5 elective courses chosen from 4000 level Business courses.

* Students may choose 2 technical electives from the General Chemical Engineering Option Technical Electives list.

Technical Electives: General Chemical Engineering Option

CBE 4404A/B, CBE 4407A/B, CBE 4409A/B, CBE 4411A/B, CBE 4413A/B, CBE 4416A/B, CBE 4417A/B, CBE 4420A/B, CBE 4421A/B, CBE 4422A/B, CBE 4423A/B, CBE 4432A/B, CBE 4428A/B, CBE 4463A/B, CBE 4485A/B, CBE 4493A/B, CEE 3362A/B, CEE 4405A/B, GPE 4484A/B, MME 4429A/B, the former CBE 4418A/B, the former CBE 4424A/B.

Some technical electives may not be offered in a given academic year.

Special permission from the Department is needed to take courses from Science or Engineering not listed above.

For students who entered the HBA Program in September 2016 and prior, please refer to the 2016-2017 Academic Calendar.

Effective September 1, 2021, the following change(s) be made: Revision to Technical Electives List.

A. GENERAL CHEMICAL ENGINEERING OPTION

Second Year Program

Applied Mathematics 2270A/B, Applied Mathematics 2277A/B, CBE 2206A/B, CBE 2207A/B, CBE 2214A/B, CBE 2220A/B, CBE 2221A/B, CBE 2224A/B, CBE 2290A/B, CBE 2291A/B, Statistical Sciences 2143A/B, Writing 2130F/G (or the former ES 2211F/G).

Third Year Program

CBE 3307A/B, CBE 3310A/B, CBE 3315A/B, CBE 3316A/B, CBE 3318A/B, CBE 3319A/B,

CBE 3322A/B, CBE 3323A/B, CBE 3324A/B, CBE 3395Y, two 0.5 non-technical electives.

Fourth Year Program

CBE 4497, CBE 4415*, ES 4498F/G, four 0.5 technical electives†, 0.5 non-technical elective**.

Students who entered before September 2016 are required to take Business Administration 2299E.

*A student may substitute two 0.5 technical electives from the list below for CBE 4415.

†Accelerated Master's students can take up to two 0.5 graduate courses with special permission from the Department Chair.

**Selection of the non-technical elective must be approved by the Department Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies, and thought processes of the humanities and social sciences. An approved list can be found on the Engineering website.

Technical Electives: General Chemical Engineering Option

CBE 4404A/B, CBE 4407A/B, CBE 4409A/B, CBE 4411A/B, CBE 4413A/B, CBE 4416A/B, CBE 4417A/B, CBE 4420A/B, CBE 4421A/B, CBE 4422A/B, CBE 4423A/B, CBE 4428A/B, CBE 4432A/B, CBE 4463A/B, CBE 4485A/B, CBE 4493A/B, CEE 3362A/B, CEE 4405A/B, GPE 4484A/B, MME 4429A/B, the former CBE 4424A/B.

Some technical electives may not be offered in a given academic year.

Special permission from the Department is needed to take courses from Science or Engineering not listed above.

Effective September 1, 2021, the following change(s) be made: Revision to Technical Electives List.

B. BIOCHEMICAL AND ENVIRONMENTAL ENGINEERING OPTION

Second Year Program

Applied Mathematics 2270A/B, Applied Mathematics 2277A/B, CBE 2206A/B, CBE 2207A/B, CBE 2214A/B, CBE 2220A/B, CBE 2221A/B, CBE 2224A/B, CBE 2290A/B, CBE 2291A/B, Statistical Sciences 2143A/B, Writing 2130F/G (or the former ES 2211F/G).

Third Year Program

CBE 3307A/B, CBE 3310A/B, CBE 3315A/B, CBE 3316A/B, CBE 3318A/B, CBE 3319A/B, CBE 3322A/B, CBE 3323A/B, CBE 3324A/B, CBE 3330A/B, CBE 3396Y, CBE 4403A/B.

Fourth Year Program

CBE 4425*, CBE 4498, ES 4498F/G, 1.0 technical elective, 1.5 non-technical elective**.

Students who entered before September 2016 are required to take Business Administration 2299E.

*A student may substitute two 0.5 technical electives from Technical Electives: Biochemical and Environmental Engineering Course List for CBE 4425.

Accelerated Master's students can take up to two 0.5 graduate courses with special permission from the Department Chair.

**Selection of the non-technical elective must be approved by the Department Counsellor to satisfy the CEAB requirements of subject matter that deals with central issues, methodologies, and thought processes of the humanities and social sciences. An

approved list can be found on the Engineering website.

Technical Electives: General Chemical Engineering Courses

CBE 4404A/B, CBE 4413A/B, CBE 4417A/B, CBE 4420A/B, CBE 4428A/B, CBE 4432A/B, CBE 4485A/B, CBE 4493A/B.

Technical Electives: Biochemical and Environmental Engineering Courses

CBE 4407A/B, CBE 4409A/B, CBE 4411A/B, CBE 4416A/B, CBE 4421A/B, CBE 4422A/B, CBE 4423A/B, CBE 4463A/B, CEE 3362A/B, CEE 4405A/B, GPE 4484A/B, MME 4429A/B, the former CBE 4424A/B.

Some technical electives may not be offered in a given academic year.

Special permission from the Department is needed to take courses from Science or Engineering not listed above.

King's University College

CHILDHOOD AND SOCIAL INSTITUTIONS

Effective September 1, 2021, the following change(s) be made: Module Revision.

HONOURS SPECIALIZATION IN CHILDHOOD AND SOCIAL INSTITUTIONS

Module

9.0 courses:

3.0 courses: Childhood and Social Institutions 2210F/G, Interdisciplinary Studies 2252F/G, Childhood and Social Institutions 2212F/G, Childhood and Social Institutions 2213F/G, or the former Childhood and Social Institutions 2220F/G and the former Childhood and Social Institutions 2225F/G, Childhood and Social Institutions 2214F/G, Childhood and Social Institutions 3300F/G, Childhood and Social Institutions 3311F/G.

2.0 additional courses from the following Childhood and Social Institutions Approved List (1.5 at any level; 0.5 at the 3000-level or above).

1.0 1.5 courses from: Childhood and Social Institutions 3300F/G, Childhood and Social Institutions 3350F/G, Childhood and Social Institutions 3351F/G, Childhood and Social Institutions 3352F/G, Childhood and Social Institutions 3353F/G, Childhood and Social Institutions 3370F/G, Childhood and Social Institutions 3380F/G;

1.0 1.5 courses from: Childhood and Social Institutions 3320F/G, Childhood and Social Institutions 3340F/G, Childhood and Social Institutions 3346F/G, Childhood and Social Institutions 3361F/G, Childhood and Social Institutions 3364F/G, Childhood and Social Institutions 3365F/G;

1.0 course from: Childhood and Social Institutions 3311F/G; Childhood and Social Institutions 3362F/G, Childhood and Social Institutions 3370F/G.

1.0 course from: Childhood and Social Institutions 4401F/G and Childhood and Social Institutions 4402F/G, or Childhood and Social Institutions 4403E.

Childhood and Social Institutions HSP Approved List:

Any Childhood and Social Institutions course at the 2200-level or above.

Disability Studies 2201F/G, Disability Studies 2202A/B, Disability Studies 2210A/B, Disability Studies 2216A/B, Disability Studies 2023A/B, Disability Studies 2220A/B, Disability Studies 3325F/G .

Economics 2124A/B, Economics 2125A/B, Economics 2161F/G, Economics 3343F/G. English 2033E.

History 3261F/G, History 3851F/G, History 3898F/G.

Philosophy 2080.

Political Science 2225E, Political Science 3303F/G, Political Science 3307F/G, Political

Science 3345E, Political Science 4485E.
Psychology 2031A/B, Psychology 2040A/B, Psychology 2410A/B, Psychology 2610F/G.
Religious Studies 4408Y.
Social Justice and Peace Studies 2304F/G, Social Justice and Peace Studies 3211F/G.
Sociology 2105A/B, Sociology 2144A/B, Sociology 2235, Sociology 2260A/B, Sociology 2267A/B, Sociology 3318F/G, Sociology 4440F/G, Sociology 4438F/G.
Thanatology 2232A/B.

Effective September 1, 2021, the following change(s) be made: Module Revision.

MAJOR IN CHILDHOOD AND SOCIAL INSTITUTIONS

Module

6.0 courses:

3.0 2.5 courses: Childhood and Social Institutions 2210F/G, Childhood and Social Institutions 2212F/G, Childhood and Social Institutions 2213F/G, Childhood and Social Institutions 2214F/G, or the former Childhood and Social Institutions 2220F/G, and the former Childhood and Social Institutions 2225F/G, Interdisciplinary Studies 2252F/G, Childhood and Social Institutions 3300F/G.

1.0 1.5 courses from one of the following groupings:

1.) Childhood and Social Institutions 3300F/G, Childhood and Social Institutions 3311F/G, Childhood and Social Institutions 3350F/G, Childhood and Social Institutions 3351F/G, Childhood and Social Institutions 3352F/G, Childhood and Social Institutions 3353F/G, Childhood and Social Institutions 3370F/G, Childhood and Social Institutions 3380F/G; or

2.) Childhood and Social Institutions 3320F/G, Childhood and Social Institutions 3340F/G, Childhood and Social Institutions 3346F/G, Childhood and Social Institutions 3361F/G, Childhood and Social Institutions 3364F/G, Childhood and Social Institutions 3365F/G; or

3.) Childhood and Social Institutions 3362F/G, Childhood and Social Institutions 3311F/G, Childhood and Social Institutions 3370F/G.

1.0 additional courses from the Childhood and Social Institutions Approved List.

1.0 additional course from the following that you DID NOT choose in the stream selection: Childhood and Social Institutions 2211A/B, Childhood and Social Institutions 2215F/G, Childhood and Social Institutions 2221A/B, Childhood and Social Institutions 3311F/G, Childhood and Social Institutions 3320F/G, Childhood and Social Institutions 3340F/G, Childhood and Social Institutions 3346F/G, Childhood and Social Institutions 3350F/G, Childhood and Social Institutions 3351F/G, Childhood and Social Institutions 3352F/G, Childhood and Social Institutions 3353F/G, Childhood and Social Institutions 3361F/G, Childhood and Social Institutions 3362F/G, Childhood and Social Institutions 3364F/G, Childhood and Social Institutions 3365F/G, Childhood and Social Institutions 3370F/G, Childhood and Social Institutions 3380F/G, Childhood and Social Institutions 4401F/G, Childhood and Social Institutions 4402F/G.

Childhood and Social Institutions Major Approved List:

Any Childhood and Social Institutions course at the 2200-level or above.

Disability Studies 2201F/G, Disability Studies 2202A/B, Disability Studies 2210A/B, Disability Studies 2216A/B, Disability Studies 2023A/B, Disability Studies 2220A/B, Disability Studies 3325F/G.

Economics 2124A/B, Economics 2125A/B, Economics 2161F/G, Economics 3343F/G.
English 2033E.

Philosophy 2080, Philosophy 2208E.

Political Science 2225E, Political Science 3303F/G, Political Science 3307F/G, Political Science 3345E, Political Science 4485E.

Psychology 2031A/B, Psychology 2040A/B, Psychology 2410A/B, Psychology 2610F/G, or the former Psychology 2044.

Religious Studies 4408Y.

Social Justice and Peace Studies 2304F/G, Social Justice and Peace Studies 3211F/G.
Sociology 2105A/B, Sociology 2105A/B, Sociology 2144A/B, Sociology 2235, Sociology

2260A/B, Sociology 2267A/B, Sociology 3318F/G, Sociology 4440F/G, Sociology 4438F/G.
Thanatology 2232A/B.

Students registered in an Honours Double Major including a Major in Childhood and Social Institutions are encouraged to take the 3000 or 4000 level courses listed.

Effective September 1, 2021, the following change(s) be made: Module Revision.

CERTIFICATE IN CHILDHOOD AND ADVOCACY

Program Requirements

To qualify for the Certificate in Childhood Advocacy, students must achieve an overall average of 65% in the following 5.0 courses:

2.5 courses from: Childhood and Social Institutions 1025F/G, Childhood and Social Institutions 2210F/G, Childhood and Social Institutions 2214F/G, Childhood and Social Institutions 2213F/G, Childhood and Social Institutions 3300F/G, Childhood and Social Institutions 3311F/G.

2.5 courses from the following: Childhood and Social Institutions 2221A/B, Childhood and Social Institutions 3350F/G, Childhood and Social Institutions 3351F/G, Childhood and Social Institutions 3352F/G, Childhood and Social Institutions 3353F/G, Childhood and Social Institutions 3362F/G, Childhood and Social Institutions 3370F/G, Childhood and Social Institutions 3380F/G.

Up to 1.0 from these courses can substitute to meet the certificate requirements: Disability Studies 2201F/G, Political Science 2225E, Social Justice and Peace Studies 2304F/G, Social Justice and Peace Studies 3211F/G, Sociology 2140.