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

**DAP Submission Period:** October 16/31, 2020  
**DAP Approval Date:** November 16, 2020

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: Program Revision.**

**A. GENERAL CHEMICAL ENGINEERING OPTION**

...  

Engineering Common First Year Program

**Full-year courses:** Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.  
**Full-year half course:** Engineering Science 1022A/B/Y  
**Half-year courses:** Applied Mathematics 1411A/B, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B. (Three of the half courses are taken in each term as scheduled)

...  

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

**B. BIOCHEMICAL AND ENVIRONMENTAL ENGINEERING OPTION**

...  

Engineering Common First Year Program

**Full-year courses:** Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.  
**Full-year half course:** Engineering Science 1022A/B/Y  
**Half-year courses:** Applied Mathematics 1411A/B, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B. (Three of the half courses are taken in each term as scheduled)

...  

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

**C. CHEMICAL ENGINEERING/HBA**

...  

Engineering Common First Year Program

**Full-year courses:** Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.  
**Full-year half course:** Engineering Science 1022A/B/Y  
**Half-year courses:** Applied Mathematics 1411A/B, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B. (Three of the half courses are taken in each term as scheduled)

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

D. CHEMICAL ENGINEERING/LAW

Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.

Full-year half course: Engineering Science 1022A/B/Y


(Three of the half courses are taken in each term as scheduled)

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

F. CHEMICAL ENGINEERING AND BIOMEDICAL ENGINEERING

CIVIL AND ENVIRONMENTAL ENGINEERING

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

A. STRUCTURAL ENGINEERING OPTION

Students entering the Civil Engineering program must have completed the entire first year program in Engineering, with no outstanding credits to be taken, and have a Year Weighted Average (YWA) of at least 60%. First consideration will be given to applicants with a minimum grade of 60% in each of the following courses: Applied Mathematics 1411A/B, Applied Mathematics 1413, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, Physics 1401A/B, Engineering Science 1022A/B/Y and Engineering Science 1021A/B.

Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.

Full-year half course: Engineering Science 1022A/B/Y


(Three of the half courses are taken in each term as scheduled)
B. ENVIRONMENTAL ENGINEERING OPTION

Students entering the Civil Engineering program must have completed the entire first year program in Engineering, with no outstanding credits to be taken, and have a Year Weighted Average (YWA) of at least 60%. First consideration will be given to applicants with a minimum grade of 60% in each of the following courses: Applied Mathematics 1411A/B, Applied Mathematics 1413, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, Physics 1401A/B, Engineering Science 1020A/B/Y and Engineering Science 1021A/B.

Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y
(Three of the half courses are taken in each term as scheduled)

C. CIVIL ENGINEERING/HBA

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

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

C. CIVIL ENGINEERING/HBA

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

D. CIVIL ENGINEERING/LAW

... Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y
...

ELECTRICAL AND COMPUTER ENGINEERING

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

A. ELECTRICAL ENGINEERING PROGRAM

Students entering the Electrical Engineering program must have completed the entire first-year program in Engineering, with no outstanding credits to be taken, and have a year-weighted average (YWA) of at least 60%. First consideration will be given to applicants with a minimum grade of 60% in each of the following courses: Applied Mathematics 1411A/B, Applied Mathematics 1413, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, Engineering Science 1036A/B, and Physics 1402A/B.

Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y
...

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

B. ELECTRICAL ENGINEERING/HBA

... Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y
Effective September 1, 2021, the following change(s) be made: Program Revision.

D. ELECTRICAL ENGINEERING/LAW

... 

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

H. ELECTRICAL ENGINEERING AND BIOMEDICAL ENGINEERING

... 

ELECTRICAL AND COMPUTER ENGINEERING - COMPUTER ENGINEERING PROGRAM

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

A. ELECTRONIC DEVICES FOR UBIQUITOUS COMPUTING

Students entering the Computer Engineering program must have completed the entire first-year program in Engineering, with no outstanding credits to be taken, and have a year-weighted average (YWA) of at least 60%. First consideration will be given to applicants with a minimum grade of 60% in each of the following courses: Applied Mathematics 1411A/B, Applied Mathematics 1413, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, Engineering Science 1036A/B, and Physics 1402A/B.

Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y

...
(Three of the half courses are taken in each term as scheduled)
...

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

B. SOFTWARE SYSTEMS FOR UBIQUITOUS COMPUTING

Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y
(Three of the half courses are taken in each term as scheduled)
...

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

C. ELECTRONIC DEVICES FOR UBIQUITOUS COMPUTING/HBA

...

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

D. SOFTWARE SYSTEMS FOR UBIQUITOUS COMPUTING/HBA

...

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

ELECTRICAL AND COMPUTER ENGINEERING - SOFTWARE ENGINEERING PROGRAM

Effective September 1, 2021, the following change(s) be made: Program Revision.
B. SOFTWARE ENGINEERING/HBA

Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y

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

C. SOFTWARE ENGINEERING/LAW

... Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y

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

SOFTWARE ENGINEERING PROGRAM

Admission Requirements for the Software Engineering Program Students entering the Software Engineering program must have completed the entire first-year program in Engineering, with no outstanding credits to be taken, and have a year-weighted average (YWA) of at least 60%. First consideration will be given to applicants with a minimum grade of 60% in each of the following courses: Applied Mathematics 1411A/B, Applied Mathematics 1413, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, and Engineering Science 1036A/B.

Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y

JOHN M. THOMPSON CENTRE OF ENGINEERING LEADERSHIP AND INNOVATION

Effective September 1, 2021, the following change(s) be made: Program Revision.
B. INTEGRATED ENGINEERING/HBA

Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y
(Three of the half courses are taken in each term as scheduled)

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

D. INTEGRATED ENGINEERING/LAW

Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y
(Three of the half courses are taken in each term as scheduled)

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

INTEGRATED ENGINEERING PROGRAM

Students entering the Integrated Engineering program must have completed the entire first year program in Engineering, with no outstanding credits to be taken, and have a Year Weighted Average (YWA) of at least 60%. First consideration will be given to applicants with a minimum grade of 60% in each of the following courses: Applied Mathematics 1411A/B, Applied Mathematics 1413, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, Physics 1401A/B, Physics 1402A/B and Engineering Science 1022A/B/Y.

Engineering Common First Year Program

Full-year courses: Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
Full-year half course: Engineering Science 1022A/B/Y
(Three of the half courses are taken in each term as scheduled)

MECHANICAL AND MATERIALS ENGINEERING

Effective September 1, 2021, the following change(s) be made: Program Revision.
A. MECHANICAL ENGINEERING OPTION

Students entering the Mechanical Engineering program must have completed the entire first year program in Engineering, with no outstanding credits to be taken, and have a Year Weighted Average (YWA) of at least 60%. First consideration will be given to applicants with a minimum grade of 60% in each of the following courses: Applied Mathematics 1411A/B, Applied Mathematics 1413, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, Physics 1401A/B and Engineering Science 1022A/B/Y and Engineering Science 1021A/B.

Engineering Common First Year Program

**Full-year courses:** Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.

**Full-year half course:** Engineering Science 1022A/B/Y


(Three of the half courses are taken in each term as scheduled)

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

B. MECHANICAL ENGINEERING/LAW

... engineering common first year program

**Full-year courses:** Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.

**Full-year half course:** Engineering Science 1022A/B/Y


(Three of the half courses are taken in each term as scheduled)

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

D. MECHANICAL ENGINEERING/HBA

... engineering common first year program

**Full-year courses:** Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.

**Full-year half course:** Engineering Science 1022A/B/Y


(Three of the half courses are taken in each term as scheduled)

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

F. MECHANICAL ENGINEERING AND BIOMEDICAL ENGINEERING

...
Engineering Common First Year Program

**Full-year courses:** Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
**Full-year half course:** Engineering Science 1022A/B/Y
(Three of the half courses are taken in each term as scheduled)

MECHATRONIC SYSTEMS ENGINEERING

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

B. MECHATRONIC SYSTEMS ENGINEERING/HBA

... 

Engineering Common First Year Program

**Full-year courses:** Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
**Full-year half course:** Engineering Science 1022A/B/Y
(Three of the half courses are taken in each term as scheduled)

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

C. MECHATRONIC SYSTEMS ENGINEERING/LAW

... 

Engineering Common First Year Program

**Full-year courses:** Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
**Full-year half course:** Engineering Science 1022A/B/Y
(Three of the half courses are taken in each term as scheduled)

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

D. MECHATRONIC SYSTEMS ENGINEERING AND BIOMEDICAL ENGINEERING

... 

Engineering Common First Year Program

**Full-year courses:** Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.
**Full-year half course:** Engineering Science 1022A/B/Y
Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B. (Three of the half courses are taken in each term as scheduled)

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

MECHATRONIC SYSTEMS ENGINEERING

Students entering the Mechatronic Systems Engineering program must have completed the entire first year program in Engineering, with no outstanding credits to be taken, and have a Year Weighted Average (YWA) of at least 70%. First consideration will be given to applicants with a minimum grade of 60% in each of the following courses: Applied Mathematics 1411A/B, Applied Mathematics 1413, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, Engineering Science 1022A/B/Y, Engineering Science 1036A/B, Engineering Science 1050, Physics 1401A/B and Physics 1402A/B.

Engineering Common First Year Program

**Full-year courses:** Applied Mathematics 1413, Engineering Science 1050, Business Administration 1299E.

**Full-year half course:** Engineering Science 1022A/B/Y

**Half-year courses:** Applied Mathematics 1411A/B, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, Chemistry 1302A/B, Engineering Science 1021A/B, Engineering Science 1036A/B, Physics 1401A/B and Physics 1402A/B. (Three of the half courses are taken in each term as scheduled)

...