### BSc in Integrative Systems and Design

#### Major Requirements

- **Engineering Fundamental Courses**
  - PHYS 1101 General Physics I with Calculus (or PHYS 1111 or PHYS 1112, or PHYS 1312)
  - MATH 1003 Accelerated Calculus
  - MACM 1010 Introduction to Computing with Java
  - MATH 1053 Calculus I
  - ISDN 3001 Third Year Design Project I
  - ISDN 2200 Systems Thinking and Design
  - ISDN 2300 Digital Design
  - ISDN 1002 Introduction to Programming (replaced by a COMP course)

- **Required credits for Engineering Fundamental Courses**: 17

- **Major Required Courses and Electives**
  - Project-related Electives (9 credits from the specified elective list. Students should seek approval of their advisor for the choices of courses)

- **Required credits for Major Required Courses and Electives**: 17

- **BBA in General Business Management**

- **School Requirements**
  - ACCT 2010 Principles of Accounting I
  - ECON 2013 Business Economics
  - FINA 2303 Financial Management
  - ISOM 2020 Coding for Business
  - LABU 2040 Business Case Analyses
  - MATH 1003 Honors Calculus I
  - MATH 1021 Calculus A
  - MATH 1023 Accelerated Calculus
  - MATH 1024 Introduction to Computing with Java
  - MATH 1025 Calculus B
  - MARK 2120 Marketing Management
  - MATH 1026 Calculus C
  - MATH 1027 Calculus D
  - ISDN 3001 Third Year Design Project I

- **Major Requirements**

- **Remarks on course(s):**
  - * Courses offered in winter term
  - ( ) indicates the reuse of the same course to fulfill more than one requirement.
  - -- denotes the course/requirement is either waived or substituted
  - Students should take COMP1029P which will also be used to satisfy ISDN1050 or to waive COMP 2011
  - Students should take COMP1021 or COMP1022P or COMP2011 or COMP2012H to substitute the requirements of both BEng and BBA degrees

- **Notes:**
  - ( ) indicates the reuse of the same course to fulfill more than one requirement.
  - * Courses offered in winter term
  - -- denotes the course/requirement is either waived or substituted
  - **To graduate, students should complete all requirements as specified for DDP.**

- **Sub-total for University CORE**: 38

- **Remarks on courses:**
  - The content of the example is not necessarily equivalent to a complete list of graduation requirements of the program. Students should refer to the Program Catalogue/Undergraduate Handbook for updated graduation requirements. For up-to-date information on course offering and scheduling, students should check it out from respective School and Department.

- **Remarks on declaration:**
  - ( ) indicates the reuse of the same course to fulfill more than one requirement.
  - * Courses offered in winter term
  - -- denotes the course/requirement is either waived or substituted
  - To graduate, students should complete all requirements as specified for DDP.

- **Summary:**
  - Required Credits: 131-135
  - Required Electives: 22 credits
  - Total Credits: 153-157

- **Program:** Dual Degree Program (BSc in Integrative Systems and Design and BBA in General Business Management)

- **Year:** 2022-23 Intake

- **School:** School of Engineering and School of Business Management

- **Department:** IDGBM

- **Term:** 2022-2023

- **Year:** 2022-2023

- **Declaration of BSc major:**
  - 1312
  - 1112
  - 1111

- **Declaration of BBA major:**
  - 1023
  - 1013
  - 1012

- **Student's Pathway:**
  - An Example on Student's Pathway (as of July 22, 2022)