ACADEMIC PLANNING FORM FOR SPRING 2023 ONWARDS

Name: _____   ID: _____   Date: _____

Students may follow the Standard Schedule OR the Advanced Schedule . Further details are online.

Students are strongly advised to follow th ese schedule s as closely as possible   so that prerequisites are met for the following terms. Consequences of deviating from this schedule are the responsibility of the student.

STANDARD SCHEDULE

YEAR 1

CHEM 121-4 General Chemistry & Lab I
PHYS 121-3 Optics, Electricity, and Magnetism
MATH 260-3 Intro to Ordinary Differential Equations
Complementary Studies (CMPL) Elective I#

YEAR 2

TERM 3, FALL	SPRING	TERM 4, SUMMER
ENSC 204-1 Graphical Communication for Engineering ENSC 220-4 Electric Circuits I ENSC 251-4 Software Design and Analysis for Engineers ENSC 252-4 Fundamentals of Digital Logic and Design MATH 251-3 Calculus III	CO-OP TERM I	ENSC 225-4 Microelectronics I ENSC 254-4 Introduction to Computer Organization ENSC 280-4 Engineering Measurements and Data Analysis ENSC 320-4 Electric Circuits II CMPT 225-3 Data Structures and Programming

YEAR 3

TERM 5, FALL	TERM 6, SPRING	SUMMER
ENSC 316-3 Introduction to Electrodynamics for Engineers ENSC 351-4 Embedded and Real Time System Software ENSC 380-3 Linear Systems ENSC 385-3 Statics and Strength of Materials MACM 316-3 Numerical Analysis I	ENSC 350-4 Digital Systems Design ENSC 383-4 Feedback Control Systems ENSC 386-4 Introduction to Mechanical Design ENSC 387-4 Introduction to Electro-Mechanical Sensors and Actuators Engineering Science & Design (ESD) Elective I-3 or 4*	CO-OP TERM II

YEAR 4

FALL	TERM 7, SPRING	TERM 8, SUMMER
CO-OP TERM III^	ECON 103-4 Principles of Microeconomics ENSC 405W-3 Project Documentation, User Interface Design, and Group Dynamics ENSC 410-3 The Business of Engineering ENSC 488-4 Introduction to Robotics Engineering Science & Design (ESD) Elective II-4* Engineering Science & Design (ESD) Elective III-4*	ENSC 406-2 Engineering Ethics, Law, and Professional Practice ENSC 440-3 Capstone Engineering Science Project~ ENSC 482-4 Introduction to Decision Making in Engineering Complementary Studies (CMPL) Elective II# Engineering Science & Design (ESD) Elective IV-4*

Minimum 2.0 CGPA and UDGPA required for degree
Minimum 2.4 CGPA required for registration in UD courses
Minimum 2.2 CGPA required to remain in Engineering

Additional Notes

* ESD Electives consist of a minimum of 15 units. See the ESD Electives section on the back of this planner.
# Complimentary Electives   - At least one CMPL Elective should be a B-Hum, and at least one should be from Central Issues, Methodology & Thought Process list: http://www.sfu.ca/engineering/current-students/undergraduate-students/requirements-and-policies/electives.html
^ Please check with your co-op coordinator   to confirm that all co-op requirements have been met.