AEROSPACE ENGINEERING - STREAM B

FIRST YEAR

FALL
- MATH 1004 Calculus for Eng. Students
- MATH 1005 Differential Equations & Infinite Series for Eng. Students
- AERO 2001 Aerospace Engineering Graphical Design
- CHEM 1101 Chemistry for Eng. Students
- PHYS 1004 Introductory Electromagnetism & Wave Motion
- Elective Basic Science Elective
- Elective Complementary Studies Elective
- Elective Engineering Elective (note a)

WINTER
- MATH 1104 Linear Algebra for Eng. Students
- MATH 2004 Multivariate Calculus for Eng. Students
- AERO 2101 Engineering Dynamics
- PHYS 1004 Introductory Electromagnetism & Wave Motion
- Elective Complementary Studies Elective
- Elective Engineering Elective (note a)

SECOND YEAR

FALL
- MATH 2004 Multivariate Calculus for Eng. Students
- MAAE 2202 Mechanics of Solids I
- MAAE 2300 Fluid Mechanics I
- MAAE 2500 Thermodynamics & Heat Transfer
- ELEC 2605 Electrical Engineering
- Elective Engineering Elective (note a)

WINTER
- MAAE 2400 Thermodynamics & Heat Transfer
- MAAE 2700 Engineering Materials
- MAAE 2800 Feedback Control Systems
- ELEC 2605 Electrical Engineering
- Elective Engineering Elective (note a)
- Elective Engineering Elective (note a)

THIRD YEAR

FALL
- MAAE 3004 Dynamics of Machinery
- MAAE 3100 Light Bulb Structures
- MAAE 3202 Mechanics of Solids II
- MAAE 3300 Fluid Mechanics II
- AERO 3700 Aerospace Materials
- Elective Engineering Elective (note a)

WINTER
- MAAE 3400 Fluid Dynamics
- MAAE 3500 Feedback Control Systems
- MAAE 3600 Composite Materials
- MAAE 3700 Aerospace Materials
- Elective Engineering Elective (note a)
- Elective Engineering Elective (note a)

FOURTH YEAR

FALL
- MAAE 3907 Engineering Design Project (note b) (1.0 credit)
- Elective Engineering Elective (note a)
- Elective Engineering Elective (note a)

WINTER
- MAAE 4003 Aerospace Systems Design
- MAAE 4102 Materials: Strength and Fracture
- MAAE 4202 Introductory Aerodynamics
- MAAE 4602 Composite Materials
- Elective Engineering Elective (note a)
- Elective Engineering Elective (note a)

Notes:
(a) 1.5 credits in Mechanical and Aerospace Engineering (MAAE, AERO or MECH) at the 4000-level or ELEC 4504 or ELEC 4602.
(b) Students must complete all first and second year courses, as well as 3.5 credits of third year courses (with the exception of Complementary Studies Elective) to enroll in MAAE 4907 (Eng. Design Project).
(c) ECOR 4995 can be taken in Fall or Winter term, if elective options allow for it.

2nd year status requires completion of: (i) all ECOR 1040 series of courses with a minimum grade of C- (C minus), and (ii) all ECOR 1050 series of courses with SAT grade, and (iii) MATH 1004, MATH 1104, CHEM 1101 and PHYS 1004 with minimum grade of D- (D minus).