Sample Schedule

This is a sample schedule. Numerous variations of classes and the order in which they are taken are possible. Note that many classes are offered in both Fall and Winter semesters, and some requirements can be met with summer or transfer courses.

Term 1	**16**
MATH 115 or 185	4
ENGR 100	4
CHEM 125/126	2
CHEM 130	3
Intellectual Breadth	3

Term 2	**16**
MATH 116, 156, or 186	4
ENGR 101	4
PHYSICS 140 or 160	4
PHYSICS 141	1
Intellectual Breadth	3

Term 3	**16**
MATH 215, 255, or 285	4
PHYSICS 240 or 260	4
PHYSICS 241	1
AEROSP 201	2
AEROSP 205 or 388	3
Intellectual Breadth	2

Term 4	**16**
MATH 216, 256, or 286	4
AEROSP 388 or Tech. Elect.	4
AEROSP 225	3
AEROSP 215	3
AEROSP 200	2

Term 5	**16**
ME 240 or PHYSICS 401	4
AEROSP 325	3
Engr. Distribution 1	4
AEROSP 350	3
General Elective	2

Term 6	**16**
AEROSP 315	3
AEROSP 335	3
AEROSP 341(W) or 343(F)	3
Engr. Distribution 2	4
General Elective	3

Term 7	**16**
AEROSP 305	4
AEROSP 470	3
Technical Elective	3
General Elective	2
Intellectual Breadth	4

Term 8	**16**
AEROSP 481(F) or 483(W)	4
Technical Elective	3
Technical Elective	3
General Elective	2
Intellectual Breadth	4

Notes

Intellectual Breadth (16 credits):
See the College of Engineering Bulletin for rules. Requirements include:

1. A 3-credit Humanities class marked HU in the LSA course guide
2. Professional & Creative Development Courses (PCDC): no more than 4 credits of PCDC as defined in bulletin
3. Liberal Arts Courses (LACs): Any course offered by any UM-Ann Arbor unit marked as HU or SS
4. At least 3 credits in the Humanities or LACs must be at the 300 level or higher.

Engineering Distribution (8 credits):
Select two courses from: MSE 220, MSE 350, EECS 215, EECS 216, EECS 280, EECS 281

Technical Electives (9 credits):
A total of 7 credits of technical elective courses is required. The courses must be upper division (that is 300 level or above) courses from engineering, mathematics, physical science, or other courses approved by an academic advisor, that are chosen to satisfy the following requirements:

1. Advanced Math or Science (3 credits) : One course of 3 or more credits must be advanced mathematics or advanced science, including astronomy, biology, chemistry, computer science, or physics. Recommended courses include: Math 351, Math 371, Math 404, Math 412, Math 416, Math 417, Math 419, Math 425, Math 450, Math 454, Math 471, Stat 412, Physics 340, Physics 390, Physics 391, Physics 402, Physics 405, Physics 413, Physics 451, AEROSP 423. Other courses can be selected if approved by an academic adviser.
2. A maximum of 3 credits of directed study (390 or 490). This includes the flight certification option.
3. A maximum of 2 credits of seminar, such as AE 585.

Grades:
According to College rules, students must earn a C- or higher grade in courses that are a prerequisite for a later-elected course. D grades are passing grades for any other course, i.e. students receive credit toward the program and credits are added to the CTP column in the student transcript. Students must retake a course in which they receive a D grade before taking any courses for which that course serves as a prerequisite.

Pass/Fail:
Only Intellectual Breadth, and general electives courses can be taken as Optional Pass/Fail, with two restrictions:

1. Students can elect no more than 4 courses and no more than 14 credit hours pass/fail.
2. The number of courses elected pass/fail in a single term cannot exceed 2 courses in Fall and Winter Semesters, and 1 course in Spring/Summer semesters.