

Requirements for the B.A.T.I.**(Bachelor of Applied Technology in Information Technology)**

**Students must come in with a programming language such as
C, C++, Visual Basic, Java**

Technical hours.....up to 27 hours

Acceptable "clock hour" training by various governmental agencies, junior colleges, technical institutes, etc., may be converted to semester hours at the rate of one semester hour for 37.5 clock hours of formal class attendance.

University Core.....66 hours

Social Sciences.....15 hours

PS 1301 (Gen Psych) or SC 1311 (Intro to Sociology)	EC 2303 (Introduction to Microeconomic Theory)
HS1302 (American History)	HR 3325W (Managing People and Organizations)
BA 1310 (Introduction to Business)	

Literature.....6 hours

EN 2356W (American Literature II)

EN 2321W (International Literature)

Composition.....3 hours

EN 3300W (Advanced Composition)

Mathematics.....6 hours

MT1305 or MT1306 (Mathematics)

MT 2303 or PS 3381 or QM 3320 (Statistics)

Science.....6 hours

BL 3311 (Food and Nutrition I)

ES 1373 (Environmental Geology)

Philosophy.....9 hours

PL 1310 (Experience to Meaning)

BA 3351 or PL2332W (Ethics)

PL4318 (Ethics & Professional Life)

Theology.....6 hours

TH 2301 (Theological Foundation) (PL1310 Pre Requisite)

TH 3350 (Contemporary Catholic Moral Life)

Speech.....3 hours

SE1341 (Fundamentals of Oral Communication)

Information Technology Proficiency.....3 hours

CS 1101, 1102, & 1103 or pass the Information Technology Proficiency Test

Students must meet this requirement by the end of the freshman year. Transfer students by the end of their first year at St. Mary's

Fine Arts.....3 hours

FA 1101, FA 1102, & FA 1103 or FA 1300 (General class)

Foreign Language.....6 hours

Two semesters of one foreign language

Interdisciplinary Core 9 hours

BA 4330 (Production Management)

EA 3342W (Technical Writing)

CS 3310W (Systems Analysis)

+MT1305 or MT1306 (Mathematics)

+MT 2303 or PS 3381 or QM 3320 (Statistics)

+PL 4318 (Ethics & Professional Life)

+ Included in University Core

I. Information Technology 24 hours

CS 3335W (Survey of Programming Languages)

CS 4350W (Computer Systems Architecture)

CS 3340W (Software Engineering)

CS 4320W (Files and Database)

CS 4330W (Data Communication)

CS 4375W (Advanced Topics: Oracle Programming)

CS 4375W (Advanced Topics: Network Security)

CS 4315W (Artificial Intelligence)

TOTAL HOURS TO BE OFFERED BY ST. MARY'S..... 99 hours

TOTAL HOURS FOR DEGREE..... 126 hours