

**EAST CENTRAL UNIVERSITY
INFORMATION TECHNOLOGY MANAGEMENT - B.S.
DATA ANALYSIS CONCENTRATION
0612/UG21**

Name _____

Advisor _____

Student's Name _____ ID No. _____

DEGREE CHECK INCLUDES CURRENT ENROLLMENT

Checked by _____ Date _____
 Required:
 120 total hours _____ completed 30
 hrs @ ECU _____ completed
 (15 of last 30 must be at ECU) _____
 60 hrs @ Sr College _____ completed
 40 hrs upper level _____ completed
 HS Curricular Req __met __not met

Work in progress _____
 2.0 minimum required in the following
 areas:
 ECU Avg _Rtn Avg _____
 Major Overall Avg _____
 Major ECU Avg _____
 Minor Overall Avg _____

Work lacking:
 Major _____ (inc A/C and Related Work)
 Minor _____ (incl Rel Wk)
 Prof Educ _____
 General Educ _____
 Comp Prof __met __not met

REQUIREMENTS

HOURS

REQUIREMENTS

HOURS

I. General Education (44 HOURS)

12 hours (COMM 2253, ECON 2003, MATH 1613 and MIS 1903) counted in the Major

Includes recommended math course MATH 1613

Other hours needed 32

II. Major in Information Technology Management 78

A. Required General Education 6

- ECON 2003 Principles of Macroeconomics
- MIS 1903 Computer Business Applications

B. Required in the ITM Core 39

- ACCT 2103 Financial Accounting
- ACCT 2203 Managerial Accounting
- BSEC 2603 Bus and Econ Statistics
- BUCOM 3133 Bus Comm & Report Writing
- BUS 1113 Foundations of Business **OR**
 MGMT 4013 Project Management II
- BUSLW 3213 The Legal Environment of Business
- ECON 2013 Principles of Microeconomics
- FIN 3113 Financial Management
- ITM 4653 Data Base Theory & Applications
- ITM 4753 Software Devel & Team Dynamics
- MGMT 3013 Principles of Management
- MIS 3433 Management Information Systems
- MKTG 3313 Principles of Marketing

C. Required for Concentration in Data Analytics 33

- BSEC 3103 Foundations of Data Analytics
- BUS 4103 Global Business
- BUS 4213 Business Ethics
- CMPSC 1113 Computer Programming I
- MGMT 3023 Project Management I
- MGMT 4013 Project Management II **OR**
 MGMT 4623 Leadership
- MGMT 4023 Project Management III
- MIS 3453 Adv Computer Business Applications

III. Related Work 6

Required General Education 6

- COMM 2253 Communication in the Workplace
- MATH 1613 Functions and Modeling

IV. Minor (Not Required)

V. Electives 4

VI. Total Hours Required 120

VII. Special Requirements

A 2.25 is required in sections A and B

Note: All courses that have prerequisites are also labeled "or department approval".

The OSRHE computer proficiency graduation requirement will be met through completion of MIS 1903 (including equated or substituted courses), OR successful completion of an associate of arts or associate of science degree at an Oklahoma two-year college in which the computer skills requirement was met. Satisfaction of this requirement may not reduce or remove any program requirements.

Nine (9) hours from the following courses:

- ITM 3473 Data Visualization
- ITM 3423 Web Development
- ITM 3613 Data Communication & Computer Networks
- ITM 3823 Cybersecurity
- ITM 3843 Cloud Management
- ITM 4653 Database Theory and Application
- MGMT 3043 Human Resource Management
- MGMT 3063 Production/Operations Management
- MGMT 3103 Organizational Behavior
- MGMT 4623 Leadership