

## **General Education Requirements; Intake Year: 2012-2013**

**Total No. of credits: 37-40 (including UNIV 100 and MEST 100)**

**I. Skills Development:** Students complete four to five courses (15-17 credits) in this area.

**1. Effective communication (9 credits)**

- ENGL 100/101 Composition - English (3 credits)
- COMM 100 Public Speaking (3 credits)
- COMM 101 Interpersonal Communication & Group Interaction (3 credits)
- ENGL 302 Advanced Composition - English (3 credits)

**2. Empirical and mathematical reasoning (6-8 credits)**

**a. Mathematics (3-4 credits)**

- MATH 101 Numbers & Data Interpretation (3 credits)
- MATH 102 Mathematics & Civilization 3(3 credits)
- MATH 105 Pre-Calculus (3 credits)
- MATH 108 Introductory Calculus with Business Applications (3 credits)
- MATH 113 Analytic Geometry & Calculus I (4 credits)

**b. Information Technology (3-4 credits)**

- CISC 112 Introduction to Computer Programming (3 credits)
- CISC 113 Introduction to Computer Programming Lab (1 credit)
- ITEC 103\* Introduction to Computing (3 credits)
- ITEC 104 Information, Technology & Society (3 credits)

*\* Students have the opportunity to test out of ITEC 103 and substitute it  
With another general education course.*

**II. Areas of Knowledge:** Students must complete 18 – 22 credits from the following four categories, completing at least one course in each group as the following:

**1. Creative and aesthetic understanding (minimum 3 credits)**

- ARTT 100 Introduction to the Visual Arts (3 credits)
- ENGL 201 Literature across Cultures (3 credits)
- COMM 102 Reading Image & Film (3 credits)

**2. Cross-cultural and global perspectives (minimum 3 credits)**

- HIST 282 Survey of Middle Eastern Civilization II (3 credits)
- GLST 100 Topics in Global Perspectives, Problems & Prospects (3 credits)
- GLST 200 Clash of Civilizations (3 credits)

**3. Social and ethical understanding (minimum 3 credits)**

- PHIL 100 Ethics in Today's World (3 credits)
- PSYC 100 Introduction to Psychology 3 PSYC 102 Self & Society (3 credits)
- SOCI 100 Introduction to Sociology (3 credits)
- ECON 103 Principles of Microeconomics (3 credits)

**4. Science of the natural and physical worlds (minimum 3- 4 credits)**

- BIOL 100 Humankind in a Biological World (3 credits)
- BIOL 108 Cell Structure and Function (3 credits)
- BIOL 109 Cell Structure and Function Lab (1 credit)
- BIOL 110 Animal Biology (3 credits)
- BIOL 111 Animal Biology Lab (1 credit)
- ENVS 100 Energy & Environmental Science (3 credits)
- 101 Energy & Environmental Science Lab (1 credit)
- CHEM 100 Chemistry in Everyday Life (3 credits)
- CHEM 101 Chemistry in Everyday Life Lab (1 credit)
- PHYS 110 Physics I (3 credits)
- PHYS 111 Physics I Lab (1 credit)