



## PRE-PROFESSIONAL SCIENCE CERTIFICATE

page 1 of 1

### PRE-PROFESSIONAL SCIENCE CERTIFICATE (PPSC.CERT)

The Pre-Professional Science Certificate prepares students to transfer to four year institutions either as science majors or as pre-professional students (prevet, pre-med, pre-dental, physical and occupational therapy, optometry, pharmacy, physician's assistant, etc.). Certificate graduates could also find employment as laboratory technicians. The certificate fulfills most of the first year academic entrance requirements for pre-professional programs. Students should verify information with their transfer institutions.

Minimum credits: .....	30
Minimum cumulative GPA: .....	2.0
Minimum grade in all courses: .....	2.0
Minimum JCC credits: .....	12
MACRAO agreement: .....	No

#### GENERAL EDUCATION REQUIREMENTS – (10 credits)

**Take the following:**

ENG 131 Writing Experience

**Choose one of the following:**

MTH 140 Pre-Calculus

MTH 151 Calculus I

**Choose one of the following:**

**(Depending on professional goals or transfer institution requirements)**

ANT 131 Cultural Anthropology

COM 231 Communication Fundamentals

COM 240 Interpersonal Communication

ECN 231 Macroeconomics or ECN 232 Microeconomics

PHL 232 Logic

PLS 141 American National Government

PSY 140 Introduction to Psychology

SOC 231 Principles of Sociology

#### PRE-PROFESSIONAL SCIENCE CORE REQUIREMENTS – (20 credits)

**Choose four of the following:**

**(Depending on professional goals or transfer institution requirements)**

BIO 131 General Biology

CEM 141 General Chemistry I

CEM 142 General Chemistry II

MTH 133 Statistics

MTH 151 Calculus I or MTH 152 Calculus II

**Choose one of the following:**

**(Depending on professional goals or transfer institution requirements)**

BIO 151 General Botany

BIO 152 General Zoology

BIO 155 Human Anatomy & Physiology

BIO 253 Human Anatomy and Physiology I

BIO 220 Microbiology