

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 (pre-veterinary, pre-medical, 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: 25

Minimum cumulative GPA: 2.0

Minimum grade in all courses: 2.0

Minimum Jackson College credits: 7

GENERAL EDUCATION REQUIREMENTS (10-12 CREDITS)

Take the following:

ENG 131 Writing Experience I

Choose one of the following:

MAT 133 Probability and Statistics

MAT 141 Pre-Calculus

MAT 151 Calculus I

Choose one of the following:

COM 231 Communication Fundamentals

COM 240 Interpersonal Communication

PHL 236 Ethics

PSY 140 Introduction to Psychology

SOC 231 Principles of Sociology

PRE-PROFESSIONAL SCIENCE CORE REQUIREMENTS (20 CREDITS)

Choose four of the following:

**If you choose to take MAT 151, you do not need to take MAT 154. If you choose to take PHY 231, you do not need to take PHY 251.*

BIO 161 General Biology I

BIO 162 General Biology II

CEM 131 Fundamentals of Chemistry

CEM 132 Fundamentals of Organic and Biological Chemistry

CEM 141 General Chemistry I

CEM 142 General Chemistry II

MAT 151 Calculus I

MAT 154 Calculus II
PHY 231 College Physics I
PHY 251 Modern University Physics I
PSY 252 Developmental Psychology

Choose one of the following:

BIO 253 Human Anatomy and Physiology I
BIO 254 Human Anatomy and Physiology II
BIO 220 Microbiology
CEM 241 Organic Chemistry I