

**BACHELOR OF ARTS
GRADUATION REQUIREMENTS**

THE STUDENT MUST DO THE FOLLOWING TO RECEIVE A BACHELOR OF ARTS DEGREE:

1. COMPLETE A MINIMUM OF 120 CREDIT HOURS OF STUDY, AT LEAST 60 OF WHICH OR AT LEAST THE LAST 30 CREDITS BEFORE GRADUATION ARE AT SOUTHERN VIRGINIA. NO MORE THAN 9 CREDIT HOURS WILL BE GRANTED FOR INTERNSHIP COURSES.
2. COMPLETE ALL REQUIREMENTS OF THE SOUTHERN VIRGINIA CORE.
3. COMPLETE ALL REQUIREMENTS OF AT LEAST ONE MAJOR.
4. EARN A MINIMUM GRADE POINT AVERAGE OF 2.00 ON ALL COURSE WORK TAKEN AT THE UNIVERSITY.
5. COMPLY WITH ALL UNIVERSITY STANDARDS, REGULATIONS, AND PROCEDURES, FROM THE DATE OF MATRICULATION THROUGH THE DATE OF FINAL GRADUATION.

**BIOCHEMISTRY
MAJOR REQUIREMENTS
(39 CREDIT HOURS)**

THE GOAL OF A LIBERAL ARTS EDUCATION IS TO DEVELOP AND THEN EMPLOY CRITICAL THINKING TO GAIN A BETTER UNDERSTANDING OF OURSELVES AND THE WORLD AROUND US. A FOUNDATION FOR UNDERSTANDING OURSELVES IS UNDERSTANDING OUR PHYSICAL BODIES AND HOW THEY FUNCTION. THE BASIS FOR THIS UNDERSTANDING IS BIOCHEMISTRY, THE INTEGRATION OF CHEMISTRY AND BIOLOGY. STUDYING AN INTEGRATED SUBJECT LIKE BIOCHEMISTRY DE-COMPARTMENTALIZES SCIENTIFIC DISCIPLINES AND REFLECTS THE TYPE OF LEARNING SOUGHT AFTER BY GRADUATE PROGRAMS, BUSINESS, INDUSTRY AND GOVERNMENT.

PROGRAM COORDINATOR: DR. BARBARA VAN KUIKEN

MAJOR REQUIREMENTS (39 CREDIT HOURS)

REQUIRED (36):

BIO 201 GENERAL BIOLOGY I (4)
BIO 202 GENERAL BIOLOGY II (4)
BIO 340 GENETICS AND MOLECULAR BIOLOGY (4)
CHE 201 GENERAL CHEMISTRY I (4)
CHE 202 GENERAL CHEMISTRY II (4)
CHE 301 ORGANIC CHEMISTRY I (4)
CHE 302 ORGANIC CHEMISTRY II (4)
CHE 383 BIOCHEMISTRY (3)
CHE 383L BIOCHEMISTRY LAB (1)
CHE 483 ADVANCED BIOCHEMISTRY (3)
CHE 498 SENIOR CAPSTONE (1)

ELECTIVES (AN ADDITIONAL 3 CREDIT HOURS FROM AMONG THE FOLLOWING):

BIO 312 MICROBIOLOGY (3)
BIO 328 HUMAN PHYSIOLOGY (4)
BIO 345 CELL BIOLOGY (3)
CHE 375R TOPICS IN BIOCHEMISTRY
CHE 385R DIRECTED STUDIES
CHE 395R INTERNSHIP/PRACTICUM
CHE 481 BIO-ORGANIC AND MEDICINAL CHEMISTRY

ALTHOUGH NOT REQUIRED, PHY 201-202 ARE STRONGLY RECOMMENDED FOR THE BIOCHEMISTRY MAJOR.