

## Biochemistry – Major (Science) – Bachelor of Science (Honours)

BCHM-M-BSH

Subject: Administered by the Department of Biomedical and Molecular Sciences.

Plan: Consists of 69.0 units as described below.

Program: The Plan, alone, or in combination with a Minor in another subject, and with sufficient electives to total 120.0 units, will lead to a Bachelor of Science (Honours) Degree.

### 1. CORE COURSES (60.0 units)

- A. 6.0 units from CHEM 112/6.0 or *CHEM 116/6.0*
- B. 6.0 units in BIOL 102/3.0 and BIOL 103/3.0
- C. 6.0 units from PHYS 117/6.0 or PHYS 106/6.0 or PHYS 104/6.0 or *PHYS 107/6.0*
- D. 6.0 units in BIOL 205/3.0 and MBIO 218/3.0
- E. 12.0 units in CHEM 211/3.0, CHEM 212/3.0, CHEM 222/3.0, CHEM 223/3.0
- F. 12.0 units in BCHM 313/3.0, BCHM 315/3.0, BCHM 316/3.0, BCHM 317/3.0
- G. 3.0 units in BCHM 441/3.0
- H. 9.0 units from BCHM 410/3.0; BCHM 411/3.0; *BCHM 431/3.0*; BCHM 432/3.0; *BCHM 433/3.0*

### 2. OPTION COURSES ( 0.0units)

(none)

### 3. SUPPORTING COURSES (9.0 units)

- A. 6.0 units from MATH 122/6.0 or MATH 121/6.0 or MATH 120/6.0 or (MATH 123/3.0 and MATH 124/3.0)
- B. 3.0 units in STAT 263/3.0

### 4. ADDITIONAL REQUIREMENTS

(none)

### 5. SUBSTITUTIONS

(none)

### 6. NOTES

- A. Students who may wish later to change to a chemistry program should take one of PHYS 106/6.0 or PHYS 104/6.0; students who may wish later to change to a physics program should take PHYS 104/6.0.
- B. Students wishing to take upper-year BIOL courses as electives should take BIOL 206/3.0 as an elective.
- C. Electives consisting of 3.0 – 6.0 units at the 300-level in any of ANAT; BIOL; CHEM; MICR; PHAR; PHGY with a laboratory component are recommended. Of these, CHEM 311/3.0; CHEM 398/3.0; CHEM 399/3.0 are strongly recommended.