# NEUROSCIENCE, B.S.

40 courses of three or more credits and 3 one-credit PE courses

## **GENERAL EDUCATION CORE**

**BASIC REQUIREMENTS** (2 courses and 3 onecredit PE courses)

- □ EN 103 Composition and Rhetoric I
- □ EN 104 Composition and Rhetoric II
- Physical Education Courses
  - □ PE 100 □ PE \_\_\_\_
  - $\Box$  PE \_\_\_\_\_

#### MODES OF THINKING (2 courses)

Literature (Select one)

🗆 EN 110, EN 112, EN 115

Mathematics

(<u>Satisfied by Major – MA 111 or 121</u>) Natural Science (<u>Satisfied by Major – BI 151</u>) Philosophy □ PL 109

Social Sciences (Satisfied by Major - PS 109)

### CULTURAL LITERACY (6 courses)

Humanities I and II. *Preferably* select a set (e.g., HI 201/202). However, a combination (e.g., PO 201 + HI 214) is acceptable.

- □ Hum. I: HI 201, PO 201, HI 213
- □ Hum. II: HI 202, PO 202, HI 214, HI 262 Humanities III: Great Works of Art & Music
- (See Master Schedule of Day Classes)
- Humanities IV: Great Works of Literature (See Master Schedule of Day Classes)

Foreign Language/World Cultures (Select either two of the same language, any two WC, or one WC and one approved course with international study)



## CHRISTIAN VALUES AND THEOLOGY

(3 courses)

- Catholic Theology
- □ TH 109

Intermediate Theology (200/300 level TH)

□ TH \_\_\_\_

Values Seminar

(See Master Schedule of Day Classes)

## **MAJOR**

(16 required courses)

□ BI 151: Introductory Biology I □ BI 152: Introductory Biology II □ NEU 267: Behavioral Neuroscience □ NEU 221: Biostatistics □ NEU 311: Research Methods in Neuroscience □ CH 101: General Chemistry I □ CH 102: General Chemistry II □ CH 231: Organic Chemistry I □ CH 232: Organic Chemistry II □ PS 109: Introduction to Psychology □ MA 111: Probability and Statistics OR MA 121: Calculus I □ PH 203: Introductory Physics I (or PH 201: Gen. Phys. I: Mechanics and Heat) □ PH 204: Introductory Physics II (or PH 202: Gen. Phys. II: Wave Phenomena and Electromagnetism)

### Three electives from the following list (at least one

*must have a 'NEU' course code)* **Psychology (PS):** 230, 320, 381 **Biology (BI):** 255, 256, 330, 361, 374, 375 **Neuroscience (NEU):** 451, 491

□ NEU	
□ PS/BI/NEU	
□ PS/BI/NEU	

## **ELECTIVES**

(As needed to complete 40-course req.)

□	□
□	□
□	□
□	□
□	□
□	

A. Koefer, Director, Academic Resource Center Effective Fall, 2020

For the most up-to-date record of progress toward completion of degree requirements, students should use the Academic Evaluation tool, which is listed under the Academic Planning heading in WebAdvisor.

## DE SALES UNIVERSITY Typical Program: NEUROSCIENCE, B.S.

#### FALL SEMESTER

## SPRING SEMESTER

### FIRST YEAR

Introductory Biology I (BI 151) General Chemistry I (CH 101) Composition and Rhetoric I (EN 103) Prob & Stats or Calculus (MA 111/121) Foreign Language/World Cultures Introductory Biology II (BI 152) General Chemistry II (CH 102) Composition and Rhetoric II (EN 104) Intro to Psychology (PS 109) Foreign Language/World Cultures Lifetime Fitness and Wellness (PE 100)

#### SECOND YEAR

Behavioral Neuroscience (NEU 267)		<b>Biostatistics (NEU 221)</b>
Organic Chemistry I (CH 231)		Organic Chemistry II (CH 232)
Humanities I		Humanities II
Philosophy MOT (PL 109)	or	Catholic Theology (TH 109)
Literature MOT	or	Free Elective
Physical Education (Activity)		Physical Education (Activity)

### THIRD YEAR

Research Methods in Neuro (NEU 311) Introductory Physics I (PH 203) Free Elective Humanities III Intermediate Theology (200-300)

... or ...

Neuroscience Elective Introductory Physics II (PH 204) Free Elective Humanities IV Free Elective

## FOURTH YEAR

PS/BI/NEU Elective Values Seminar Free Elective Free Elective Free Elective PS/BI/NEU Elective Free Elective Free Elective Free Elective Free Elective

MOT = Modes of Thought

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