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)		Biostatistics (NEU 221)
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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