

B.S. in Neuroscience 2019-2020: Option 1 - CWILT

| FIRST YEAR | | | | | |
|--|---------|---|---------|--|---------|
| Fall | Credits | Interim | Credits | Spring | Credits |
| BIO 124 & BIO 124D Integrative Biology: Genes, Cells, Change and Integrative Biology: Genes, Cells, Change Lab | 4 | GES 160 Inquiry Seminar | 3 | BIB 101 Introduction to the Bible | 3 |
| CHE 113 & CHE 113D ¹ General Chemistry I and General Chemistry I Lab | 4 | | | CHE 214 General Chemistry II | 3 |
| GES 140 Introduction to Wellbeing | 3 | | | NSC 130 & NSC 130D ² Introduction to Neuroscience and Intro to Neuroscience Lab | 4 |
| MAT 124M1 Calculus 1 | 4 | | | PSY 100 Introduction to Psychology | 3 |
| | 15 | | 3 | | 13 |
| SECOND YEAR | | | | | |
| Fall | Credits | Interim | Credits | Spring | Credits |
| BIO 128 & BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity and Integrative Biology: Metabolism, Energy, Biodiversity Lab | 4 | GES 125 Introduction to the Creative Arts | 4 | PHY 206 & PHY 207 Introductory Physics II and Introductory Physics II Lab | 4 |
| GES 130 Christianity Western Culture | 4 | | | THE 201 Christian Theology | 3 |
| PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab | 4 | | | Contemporary Western Life and Thought (L) course | 3 |
| PSY 230M Introduction to Statistical Methods and Experimental Design | 4 | | | Second Language (S) course ³ | 4 |
| | 16 | | 4 | | 14 |
| THIRD YEAR | | | | | |
| Fall | Credits | Interim | Credits | Spring | Credits |
| CHE 224 & CHE 225 Organic Chemistry I and Organic Chemistry I Lab | 4 | COS 100 Introduction to Programming | 3 | NSC 350 & NSC 351 Neuroscience Methods and Neuroscience Methods Lab | 4 |
| PSY 340 & PSY 341 Physiological Psychology and Physiological Psychology Lab | 4 | | | NSC 493 Literature Review in Neuroscience | 1 |
| Leisure and Lifetime Sport (Q) course | 1 | | | Cross Cultural Experience (Z) course | 0-3 |
| World Cultures (U) course | 3 | | | Interpreting Biblical Themes (J) course | 3 |
| Science, Technology, and Society (K) course | 3 | | | Psychology Elective | 4 |
| | 15 | | 3 | | 15-Dec |
| FOURTH YEAR | | | | | |
| Fall | Credits | Interim | Credits | Spring | Credits |
| NSC 358 & NSC 359 Neurobiology and Neurobiology Lab | 4 | Interim Off | | NSC 499 Neuroscience Seminar | 1 |
| NSC 496 Neuroscience Research | 1 | | | Artistic Experience (A) course | 0-3 |
| Biology Elective | 4 | | | Contemporary Christian Issues (P) course | 3 |
| Comparative Systems (G) course | 3 | | | Biology Elective | 4 |
| Elective | 3 | | | Elective (300-400 Level) | 4 |
| | 15 | | 0 | | 15-Dec |
| Total Credits 122-128 | | | | | |

1. This course meets a General Education requirement.

2. This course is also cross listed as [PSY 130/PSY 130D](#) or [BIO 130/BIO 130D](#)

3. Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)

B.S. in Neuroscience 2018-2019: Option 2- Humanities

| FIRST YEAR | | | | | |
|--|-----------|--|----------|---|---------------|
| Fall | Credits | Interim | Credits | Spring | Credits |
| BIO 124 & BIO 124D Integrative Biology: Genes, Cells, Change and Integrative Biology: Genes, Cells, Change Lab | 4 | GES 147 Humanities II: Renaissance and Reformation | 4 | BIO 130 & BIO 130D ^{1,2} Introduction to Neuroscience and Introduction to Neuroscience Lab | 4 |
| CHE 113 & CHE 113D ¹ General Chemistry I and General Chemistry I Lab | 4 | | | CHE 214 & CHE 215 General Chemistry II and General Chemistry II Lab | 4 |
| GES 145 Humanities I: Greco-Roman through Middle Ages | 4 | | | GES 244 Humanities III: European Enlightenment and American Culture to 1877 | 4 |
| MAT 124M1 Calculus 1 | 4 | | | | |
| | 16 | | 4 | | 12 |
| SECOND YEAR | | | | | |
| Fall | Credits | Interim | Credits | Spring | Credits |
| BIO 128 & BIO 128D Integrative Biology: Metabolism, Energy, Biodiversity and Integrative Biology: Metabolism, Energy, Biodiversity Lab | 4 | GES 160 Inquiry Seminar | 3 | BIB 101 Introduction to the Bible | 3 |
| GES 246 Humanities IV: Modern and Contemporary Western Culture | 4 | | | PHY 206 & PHY 207 Introductory Physics II and Introductory Physics II Lab | 4 |
| PHY 202 & PHY 202D Introductory Physics I and Introductory Physics I Lab | 4 | | | PSY 230M Introduction to Statistical Methods and Experimental Design | 4 |
| PSY 100 Introduction to Psychology | 3 | | | Second Language (S) course ³ | 4 |
| | 15 | | 3 | | 15 |
| THIRD YEAR | | | | | |
| Fall | Credits | Interim | Credits | Spring | Credits |
| CHE 224 & CHE 225 Organic Chemistry I and Organic Chemistry I Lab | 4 | COS 100 Introduction to Programming | 3 | NSC 350 & NSC 351 Neuroscience Methods and Neuroscience Methods Lab | 4 |
| PSY 340 & PSY 341 Physiological Psychology and Physiological Psychology Lab | 4 | | | NSC 493 Literature Review in Neuroscience | 1 |
| Science, Technology, and Society (K) course | 3 | | | Psychology Elective | 4 |
| World Cultures (U) course | 3 | | | Interpreting Biblical Themes (J) course | 3 |
| Leisure and Lifetime Sport (Q) course | 1 | | | Cross Cultural Experience (Z) course | 3 |
| | 15 | | 3 | | 15 |
| FOURTH YEAR | | | | | |
| Fall | Credits | Interim | Credits | Spring | Credits |
| NSC 358 & NSC 359 Neurobiology and Neurobiology Lab | 4 | Interim Off | 0 | NSC 499 Neuroscience Seminar | 1 |
| NSC 496 Neuroscience Research | 1 | | | Artistic Experience (A) course | 0-3 |
| Comparative Systems (G) course | 3 | | | Contemporary Christian Issues (P) course | 3 |
| Biology Elective | 4 | | | Biology Elective | 4 |
| Elective | 4 | | | Elective (300 or 400 level) | 4 |
| | 16 | | 0 | | 15-Dec |
| Total Credits 126-129 | | | | | |

1. This course meets a General Education requirement.

2. This course is also cross listed as, [PSY 130/PSY 130D](#) or [BIO 130/BIO 130D](#)

3. Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)