# DOCTORAL PROGRAM IN HUMAN FACTORS/APPLIED COGNITION

## 2020-2021 HFAC PROGRAM OF STUDY FORM

# Name: Phone:

**Address: G#:**

**Email: Term Admitted:**

**CONTENT COURSES (3 HOURS)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course #** | **Title as it appears on your transcript** | **Term/Year** | **Hours** | **Grade** |
| ***Choose One*** |
| PSYC 701 | Cognitive Bases of Behavior |  | 3 |  |
| PSYC 768 | Advanced Topics in Cognitive Science |  | 3 |  |

**Biological, Social, or Developmental Core (6 HOURS)**

|  |
| --- |
| ***Choose Two From the Following*** |
| **Biological** |
| PSYC 558 | Neuronal Bases of Learning and Memory |  | 3 |  |
| PSYC 559 | Behavioral Chemistry |  | 3 |  |
| PSYC 685 | Cognitive Neuroscience |  | 3 |  |
| PSYC 702 | Biological Bases of Human Behavior |  | 3 |  |
| **Social** |
| PSYC 667 | Behavior in Small Groups and Teams |  | 3 |  |
| PSYC 668 | Personality: Theoretical and Empirical Approaches |  | 3 |  |
| PSYC 703 | Social Bases of Behavior |  | 3 |  |
| **Developmental** |
| PSYC 566 | Cognitive and Perceptional Development |  | 3 |  |
| PSYC 669 | Social and Emotional Development |  | 3 |  |
| PSYC 704 | Life-Span Development |  | 3 |  |
|  | Total Hours: |

**QUANTITATIVE and RESEARCH METHODS (4 HOURS)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course #** | **Title as it appears on your transcript** | **Term/Year** | **Hours** | **Grade** |
| PSYC 611 | Advanced Statistics I |  | 4 |  |
|  | **Total Hours:** |

**ADVANCED STATISTICS or QUALITATIVE METHODS (12 HOURS)**

|  |
| --- |
| ***Select Four Courses from the Following*** |
| **Course #** | **Title as it appears on your transcript** | **Term/Year** | **Hours** | **Grade** |
| STAT 525 | Nonparametric Statistics & Categorical Data Analysis |  | 3 |  |
| PSYC 557 | Psychometric Methods |  | 3 |  |
| PSYC 646  | Longitudinal Data Analysis |  | 3 |  |
| PSYC 650 |  |  | 3 |  |
| PSYC 652 | Quant. Methods II: Analysis of Variance |  | 3 |  |
| PSYC 754 | Quant. Methods III: Regression |  | 3 |  |
| PSYC 756 | Quant. Methods IV: Mult. Techniques in Psych |  | 3 |  |
| PSYC 757 | Adv. Topics in Statistical Analysis |  | 3 |  |
| SOCI 634 | Qualitative Research Methods |  | 3 |  |
|  | **Total Hours:** |

**SPECIALIZED CONTENT (15 HOURS)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course #** | **Title as it appears on your transcript** | **Term/Year** | **Hours** | **Grade** |
| PSYC 530 | Cognitive Engineering: Cognitive Science Applied to Human Factors |  | 3 |  |
| PSYC 645 | Research Methods in HFAC |  | 3 |  |
| Select three courses from the following: |
| PSYC 734 | Seminar in HFAC |  | 3 |  |
| PSYC 768 | Advanced Topics in Cognitive Science |  | 3 |  |
|  |  |  |  |  |
| PSYC 734 & 768 may be repeated. These are seminars with variable topics that may be repeated for credit when the topic is different. | **Total Hours:** |

**SPECIAL TOPICS IN PROFESSIONAL ISSUES (1-3 HOURS)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course #** | **Title as it appears on your transcript** | **Term/Year** | **Hours** | **Grade** |
| PSYC 890 | Seminar in Professional Psychology |  |  |  |
|  | **Total Hours:** |

**DIRECTED READINGS (1-3 HOURS)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course #** | **Title as it appears on your transcript** | **Term/Year** | **Hours** | **Grade** |
| Students are encouraged to take a minimum of 1 credit of this course each semester until they advance to candidacy. |
| PSYC 897 | Directed Readings |  |  |  |
|  | **Total Hours:** |

**ELECTIVES and PRACTICUM (0-12 HOURS)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course #** | **Title as it appears on your transcript** | **Term/Year** | **Hours** | **Grade** |
| PSYC 730\* | Psychology Practicum |  |  |  |
| \*Students who do not have work experience in applied cognition or human factors are encouraged to enroll in up to six credits of practicum. |
|  |  |  |  |  |
|  |  |  |  |  |
| Students have several options for completing the remaining 72 credits required for the degree. They may take additional content courses with permission of their advisor. | **Total Hours:** |

**DISSERTATION (12 HOURS MINIMUM)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course #** | **Title as it appears on your transcript** | **Term/Year** | **Hours** |
| PSYC 998 | Dissertation Proposal |  |  |
|  |  |  |  |
| PSYC 999 | Dissertation |  |  |
|  |  |  |  |
| Students must take a minimum of 3 credits in each of PSYC 998 and PSYC 999 for a minimum combined total of 12 credits. No more than 24 hours of PSYC 998/999 will count towards the degree | **Total Hours:** |

**TOTAL HOURS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Reduction from MA** | **Applied to PhD** | **Dissertation** | **GRAND TOTAL\*** |
|  |  |  | **72 (\*74 with MA)** |

# Student Date

# Advisor Date

# Program Director Date

# Graduate Programs Coordinator Date

# Associate Chair for Graduate Studies Date