



**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS**

Substantive Program Modification Form

UNIVERSITY:	University of South Dakota
CURRENT PROGRAM TITLE:	Psychology, Human Factors Specialization, Ph.D
CIP CODE:	42.2701
UNIVERSITY DEPARTMENT:	Psychology
UNIVERSITY DIVISION:	Arts & Sciences

University Approval

To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.

Elizabeth M. Freeburg 1/10/19
 Vice President of Academic Affairs or Date
 President of the University

1. This modification addresses a change in:

- | | |
|---|--|
| <input type="checkbox"/> Total credits required within the discipline | <input type="checkbox"/> Total credits of supportive course work |
| <input checked="" type="checkbox"/> Total credits of elective course work | <input type="checkbox"/> Total credits required for program |
| <input type="checkbox"/> Program name | <input checked="" type="checkbox"/> Existing specialization |
| <input type="checkbox"/> CIP Code | <input type="checkbox"/> Other (explain below) |

2. Effective date of change (enter catalog year): 2019-2020

3. Program Degree Level (place an "X" in the appropriate box):

Associate Bachelor's Master's Doctoral

4. Category:

Certificate Specialization Minor Major

5. If a name change is proposed, the change will occur (place an "X" in the appropriate box):

- On the effective date for all students
- On the effective date for students new to the program (enrolled students will graduate from existing program)

Proposed new name: _____

Reminder: Name changes may require updating related articulation agreements, site approvals, etc.

6. Primary Aspects of the Modification (add lines or adjust cell size as needed):

<i>Existing Curriculum</i>				<i>Proposed Curriculum (highlight changes)</i>			
Prof.	Num.	Title	Cr. Hrs.	Prof.	Num.	Title	Cr. Hrs.
Psychology required core coursework				Psychology required core coursework			
PSYC	771	Stats/Methods I	3	PSYC	771	Stats/Methods I	3
PSYC	772	Stats/Methods II	3	PSYC	772	Stats/Methods II	3
PSYC	711	Sem: Physiological Psychology	1	Delete			
PSYC	722	Sem: Developmental Psychology	1	Delete			
PSYC	741	Sem: Social Psychology	1	Delete			
PSYC	764	Sem: Personality Theories	1	Delete			
PSYC	777	Seminar in Statistical Topics	1-3	Delete			
				PSYC	703	Modern Psychology	3
Human Factors core coursework				Advanced statistics coursework			
PSYC	798	Thesis*	6	PSYC	775	Multivariate Statistics	3
PSYC	898	Dissertation	15	OR			
Human Factors core coursework				EDER	862	Multivariate Statistics	
PSYC	533	Psychology of Human Performance	3	PSYC	798	Thesis*	6
PSYC	536	Human Engineering	3	PSYC	898	Dissertation	15
PSYC	705	Seminar in Learning & Memory	3	Human Factors core coursework			
PSYC	707	Seminar in Sens & Perc	3	PSYC	533	Psychology of Human Performance	3
PSYC	733	Human Factors Psychology	3	PSYC	536	Human Engineering	3
PSYC	770	Experimental Methods and Instrumentation	3	PSYC	705	Learning, Memory & Cognition	3
PSYC	737	Seminar in Human Factors	4	PSYC	707	Seminar in Sens & Perc	3
PSYC	775	Multivariate Statistics	3	PSYC	733	Human Factors Psychology	3
Area 1 (human capabilities – minimum 6 cr)				PSYC	770	Experimental Methods and Instrumentation	3
PSYC	506	Cognitive Psychology	3	PSYC	737	Seminar in Human Factors	3
PSYC	508	Psycholinguistics	3	Delete			
PSYC	511	Physiological Psychology	3	Area 1 (human capabilities – minimum 6 cr)			
PSYC	530	Organizational Psychology	3	PSYC	506	Cognitive Psychology	3
PSYC	537	Decision Making & Risk Management	3	PSYC	508	Psycholinguistics	3
Area 2 (HF methods – minimum 3 cr)				PSYC	511	Physiological Psychology	3
				PSYC	530	Organizational Psychology	3
PSYC	742	Usability Testing	3	PSYC	537	Decision Making & Risk Management	3
PSYC	792	Special Topics	1-4	PSYC	738	Mental Workload	3
Area 3 (HF applications – minimum 9 cr)				Area 2 (HF methods – minimum 3 cr)			
PSYC	523	Research in Aging	3	PSYC	712	Eye Movement	3
PSYC	531	Industrial Psychology	3	PSYC	742	Usability Testing	3
PSYC	535	Human Computer Interaction	3	PSYC	792	Special Topics	1-4
PSYC	538	Psychoacoustics	3	Area 3 (HF applications – minimum 9 cr)			
PSYC	539	Psychology of Safety	3	PSYC	523	Research in Aging	3
Electives (may be from any of the above areas or below listed coursework – 9 cr)				PSYC	531	Industrial Psychology	3
PSYC	509	History & Systems of Psychology	3	PSYC	535	Human Computer Interaction	3
PSYC	513	Evolutionary Psychology	3	PSYC	538	Psychoacoustics	3
PSYC	514	Drugs and Behavior	3	PSYC	539	Psychology of Safety	3
PSYC	534	Artificial Intelligence	3	Electives (may be from any of the above areas or below listed coursework – 12 cr)			
				PSYC	509	History & Systems of Psychology	3
				PSYC	513	Evolutionary Psychology	3
				PSYC	514	Drugs and Behavior	3
						Delete	
				CSC	547	Artificial Intelligence	3
PSYC	708	Seminar: Advanced History & Systems of Psychology	3	PSYC	708	Seminar: Advanced History & Systems of Psychology	3
PSYC	709	Teaching of Psychology	3	PSYC	709	Teaching of Psychology	3
PSYC	776	Human Factors Practicum	1-9	PSYC	776	Human Factors Practicum	1-6
PSYC	791	Independent Study	1-3	PSYC	791	Independent Study	1-6
PSYC	792	Special Topics	1-4	PSYC	792	Special Topics	1-4

				Other graduate level coursework may be used with approval of program director.	
		*Transfer students with a completed master's thesis but less than 6 cr of thesis work may count additional electives toward 84 hours.		*Transfer students with a completed master's thesis but less than 6 cr of thesis work may count additional electives toward 84 hours.	
		Total number of hours required for specialization	54	Total number of hours required for specialization	54
		Total number of hours required for degree	84	Total number of hours required for degree	84

7. Explanation of the Change:

Deleting the series of five 1cr seminars and replacing them with a new course (PSYC 703: Modern Psychology) and moving a required advanced statistics course into the common psychology core will align the two specializations within the program and better match the demands both the APA and HFES degree requirements. The remaining changes are minor adjustments to reduce 1 credit of the repeatable PSYC 737 and increase free electives to 12cr while maintaining the same total credit hour requirements. The change to PSYC 776 & 791 reflect the variable credit nature of the courses.