



**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

5/4/2020

Vice President of Academic Affairs or
President of the University

Date

1. This modification addresses a change in:

- Total credits required within the discipline
- Total credits of elective course work
- Program name
- CIP Code
- Total credits of supportive course work
- Total credits required for program
- Existing specialization
- Other (explain below)

2. Effective date of change (enter catalog year): 2020-2021

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.	Nu m.	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	703	Modern Psychology	3	PSYC	703	Modern Psychology	3
PSYC OR EDER	775 862	Multivariate Statistics	3	PSYC OR EDER	775 862	Multivariate Statistics	3
PSYC	798	Thesis*	6	PSYC	798	Thesis*	6
PSYC	898	Dissertation	15	PSYC	898	Dissertation	15
Human Factors core coursework				Human Factors core coursework			
PSYC	533	Psychology of Human Performance	3	PSYC	533	Psychology of Human Performance	3
PSYC	536	Human Engineering	3	PSYC	536	Human Engineering	3
PSYC	705	Learning, Memory & Cognition	3	PSYC	705	Learning, Memory & Cognition	3
PSYC	707	Seminar in Sens & Perc	3	PSYC	707	Seminar in Sens & Perc	3
PSYC	733	Human Factors Psychology	3	PSYC	733	Human Factors Psychology	3
PSYC	770	Experimental Methods and Instrumentation	3	PSYC	770	Experimental Methods and Instrumentation	3
PSYC	737	Seminar in Human Factors	4	PSYC	737	Seminar in Human Factors	3
Area 1 (human capabilities – minimum 6 cr)				Area 1 (human capabilities – minimum 6 cr)			
PSYC	506	Cognitive Psychology	3	BIOL	530	Neurobiology	3
PSYC	508	Psycholinguistics	3	PSYC	506	Cognitive Psychology	3
PSYC	511	Physiological Psychology	3	PSYC	508	Psycholinguistics	3
PSYC	530	Organizational Psychology	3	PSYC	511	Physiological Psychology	3
PSYC	537	Decision Making & Risk Management	3	PSYC	530	Organizational Psychology	3
PSYC	738	Mental Workload	3	PSYC	537	Decision Making & Risk Management	3
				PSYC	738	Mental Workload	3
				PSYC	741	Seminar: Social Psychology	3
Area 2 (HF methods – minimum 3 cr)				Area 2 (HF methods – minimum 3 cr)			
PSYC	712	Eye Movement	3	PSYC	712	Eye Movement	3
PSYC	742	Usability Testing	3	PSYC	742	Usability Testing	3
PSYC	792	Special Topics	1-4	PSYC	792	Special Topics	1-4
Area 3 (HF applications – minimum 9 cr)				Area 3 (HF applications – minimum 9 cr)			
PSYC	523	Research in Aging	3	PSYC	523	Research in Aging	3
PSYC	531	Industrial Psychology	3	PSYC	531	Industrial Psychology	3
PSYC	535	Human Computer Interaction	3	PSYC	535	Human Computer Interaction	3
PSYC	538	Psychoacoustics	3	PSYC	538	Psychoacoustics	3
PSYC	539	Psychology of Safety	3	PSYC	539	Psychology of Safety	3
Electives (may be from any of the above areas or below listed coursework – 12 cr)				Electives (may be from any of the above areas or below listed coursework – 15 cr)			
PSYC	509	History & Systems of Psychology	3	PSYC	509	History & Systems of Psychology	3
PSYC	513	Evolutionary Psychology	3	PSYC	513	Evolutionary Psychology	3
PSYC	514	Drugs and Behavior	3	PSYC	514	Drugs and Behavior	3
CSC	547	Artificial Intelligence	3	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	1-6	PSYC	776	Human Factors Practicum	1-6
PSYC	791	Independent Study	1-6	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				Total number of hours required for specialization			
54				54			
Total number of hours required for degree				Total number of hours required for degree			
84				84			

7. Explanation of the Change:

Assessment of the last curricular change (addition of PSYC 703) indicated that the course failed to achieve the desired objective of providing a broad ranging set of skills in Biological, Developmental and Social bases of behavior for the Clinical Psychology Specialization. Given the changes to the Clinical Psychology Specialization, the additional options for the human capabilities requirement will allow student in the Human Factors Specialization to meet these objectives with these courses. Moreover, the above changes maintain curriculum continuity and scheduling coordination between the two programs.