

EXPERIMENTAL PSYCHOLOGY (PH.D.)

Doctor of Philosophy. Major in Experimental Psychology.

General Ph.D. requirements apply.

Code	Title	Hours
Required Courses		
PSYC 444	Sensation and Perception	3
PSYC 446	Engineering Psychology	3
PSYC 504	Special Topics	1
PSYC 509	Human Factors in Engineering Design	3
PSYC 512	Research Methods	3
PSYC 513	Advanced Research Methods	3
PSYC 525	Cognitive Psychology	3
PSYC 526	Cognitive Neuroscience	3
PSYC 552	Ergonomics and Biomechanics	3
PSYC 561	Human-Computer Interaction	3
PSYC 562	Advanced Human Factors	3
PSYC 599	Non-thesis Master's Research	1
PSYC 600	Doctoral Research and Dissertation	1
STAT 431	Statistical Analysis	3
Select 3-4 credits in electives:		3-4
Total Hours		39-40

Courses to total 78 credits for this degree

1. Students should have a firm grounding in the foundational fields of human factors (e.g., cognition, sensation/perception, ergonomics/biomechanics, human factors engineering).
2. Students should develop a mastery of the fundamental skills of research design and statistical analysis.
3. Students should be able to apply theory/research to solve workplace problems and develop innovative workplace solutions.
4. Students should be able to conduct independent research that advances our knowledge of human factors.
5. Students should be able to educate and inform others about scientific findings in psychology.