# Psychology (PhD): Human Factors and Applied Cognition Concentration

## Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Core Courses</strong></td>
<td></td>
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</tr>
<tr>
<td>PSY 820</td>
<td>Special Topics In Psychology (Ethics)</td>
<td>12</td>
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</table>

Select three of the following courses:

- PSY 502  Physiological Psychology
- PSY 508  Cognitive Processes
- PSY 511  Advanced Social Psychology
- PSY 584  Advanced Developmental Psychology

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<tbody>
<tr>
<td></td>
<td><strong>Quantitative Methods Courses</strong></td>
<td>6</td>
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</tr>
<tr>
<td>PSY 880</td>
<td>Directed Study In Psychology (Quantitative Methods I )</td>
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<tr>
<td>PSY 880</td>
<td>Directed Study In Psychology (Quantitative Methods II)</td>
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<tr>
<td></td>
<td><strong>Additional Statistics or Research Methods Course</strong></td>
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Select one of the following courses:

- PSY 880  Directed Study In Psychology (Quantitative Methods III)
- PSY 752  Action Research In Psychology
- PSY 760  Psychometrics
- PSY 785  Methodological Issues In Developmental Psychology

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<tr>
<td></td>
<td><strong>Required Courses</strong></td>
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<tr>
<td>PSY 500</td>
<td>Visual Perception</td>
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<tr>
<td>PSY 502</td>
<td>Physiological Psychology</td>
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<tr>
<td>PSY 508</td>
<td>Cognitive Processes</td>
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<tr>
<td>PSY 541</td>
<td>Overview of Human Factors Psychology</td>
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<td>PSY 704</td>
<td>Learning and Motivation</td>
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<td>PSY 743</td>
<td>Human Factors Methods and Measurement</td>
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<tr>
<td>PSY 820</td>
<td>Special Topics In Psychology (Human Factors and Applied Cognition Colloquium)</td>
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<tr>
<td>PSY 893</td>
<td>Doctoral Supervised Research</td>
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<tr>
<td></td>
<td><strong>Human Factors &amp; Applied Cognition Elective Courses</strong></td>
<td>6</td>
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</tr>
<tr>
<td>PSY 710</td>
<td>Special Topics In Psychology (Skills Acquisition)</td>
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<tr>
<td>PSY 710</td>
<td>Special Topics In Psychology (Attention)</td>
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## Total Hours

- **72**

## Faculty

### Full Professors

- Lynne Elizabeth Baker-Ward
- John Charles Begeny
- Jeffery P. Braden
- Lori Lea Foster
Douglas John Gillan
Amy G. Halberstadt
Mary E. Haskett
Christopher Brooke Mayhorn
Anne Collins McLaughlin
Adam W. Meade
Rupert W. Nacoste
Shevaun D. Neupert
Katharine E. Stewart
Eric N. Wiebe

Associate Professors
Jason Christopher Allaire
Craig C. Brookins
Jennifer L. Burnette
Stephen Bartholomew Craig
Jing Feng
Daniel Gruehn
Elan Hope
Samuel B. Pond III
Kelly Lynn Sara Mulvey
Scott Andrew Stage
Laura Marie Widman
Mark A. Wilson

Assistant Professors
Seong Hee Cho
Whitney Griffin
Y. He
Lori Hoggard
Ian Hughes
Aura Ankita Mishra
Kate Norwalk
Colleen Patton
Patsy Anne Sibley

Vanessa V. Volpe

Practice/Research/Teaching Professors
Virginia Baker-Russell
Anna Maria Behler
Sarah Louise Desmarais
Dana Kotter-Gruehn
Lindsey C. McGowen
Natalie Simona Murr
Joseph M. Simons-Rudolph
Amanda Young

Emeritus Faculty
Donald William Drewes
William P. Erchul
Denis O. Gray
Thomas M. Hess
James W. Kalat
David W. Martin
Samuel B. Pond III
Frank J. Smith
Michael S. Wogalter
Mary B. Wyer

Adjunct Faculty
David B. Kaber
Laura Ann Matalenas