

B.S. in Human Factors Psychology

Prescott Program Requirements

General Education Requirements	36
Core Requirements	60
Specified Electives	9
Open Electives	15
Total Credits	120

Program Details

The Bachelor of Science in Human Factors Psychology program requires successful completion of a minimum of 120 credit hours. The program may be completed in eight semesters, or four years, assuming appropriate background and full-time enrollment. Students pursuing this undergraduate degree must earn a minimum cumulative grade point average (CGPA) of 2.00 for all work completed at the University. Students are encouraged, but not required, to complete a minor field of study. The courses necessary to earn this degree are listed below.

Students are encouraged to participate in applied practicum experiences, such as internships, cooperative education opportunities, or undergraduate research, to gain practical experience and enhance career readiness. Students are responsible for ensuring that all prerequisite and degree requirements are met prior to enrollment in advanced coursework.

General Education Requirements

Communication	9
COMM 122 English Composition	
Humanities - Lower Level	3
Social Sciences - Lower Level	3
PSYC 101 Introduction to Psychology	
or PSYC 222 Introduction to Industrial/Organizational Psychology	
Humanities/Social Sciences - Lower or Upper Level	3
Humanities/Social Sciences - Upper Level	3
Computer Science/Information Technology	3
Mathematics	6
Physical/Life Sciences *	6
Total Credits	36

* One course must have a lab

Core Requirements

HFCT 300	Human Factors Principles and Fundamentals	3
HFCT 302	Human Factors Methods and Techniques	3
HFCT 302L	Human Factors Methods and Techniques Laboratory	1
HFCT 307	Human Factors Performance Processes	3
HFCT 307L	Performance Processes Laboratory	1
PSYC 310	Sensation and Perception	3
PSYC 315	Cognitive Psychology	3
HFCT 310	Human-Computer Interaction	3
HFCT 312	Ergonomics and Bioengineering	3
HFCT 400	System Design	4
PSYC 323	Research Design	3
PSYC 323L	Research Methods Laboratory	1
PSYC 490	Psychology Capstone	3
PSYC 103	Professional Development in Psychology	1
PSYC 226	Statistical Analysis for the Social Sciences	3

PSYC 320	Aviation Psychology	3
PSYC 321	Psychology of Gaming	3
PSYC 345	Training and Development	3
PSYC 410	Personnel Selection and Assessment	3
PSYC 445	Tests and Measurements Theory	3
UNIV 101	College Success	1
Computer Science Elective (CPSC, DSCI, SIMS)		6
Total Credits		60

Specified Electives

Select Three of the Following:	9
Any Upper-Level PSYC or HFCT Courses	
Any Lower or Upper-Level AVSF Courses	
Total Credits	9

Open Electives

Open Electives	15
Total Credits	15

Suggested Plan of Study

Year One

Requirements	Credits
COMM 122 - English Composition	3
Computer Science/Information Technology	3
Mathematics	3
Open Elective	3
PSYC 101 - Introduction to Psychology or 222 - Introduction to Industrial/Organizational Psychology	3
UNIV 101 - College Success	1
Semester Hours	16

Requirements	Credits
Computer Science/Information Technology	3
Humanities - Lower Level	3
Mathematics	3
Physical/Life Sciences with Lab	3
PSYC 103 - Professional Development in Psychology	1
PSYC 320 - Aviation Psychology	3
Semester Hours	16

Total Credits

Total Hours for All Requirements: 32

Year Two

Requirements	Credits
Communication	3
Computer Science/Information Technology	3
HFCT 300 - Principles and Fundamentals	3
PSYC 310 - Sensation and Perception	3
Open Elective	3
Semester Hours	15

Requirements	Credits
Communication	3
HFCT 307 - Performance Processes or 302 - Analytic Methods and Techniques	3
HFCT 307L - Performance Processes Laboratory or 302L - Analytic Methods and Techniques Laboratory	1
Physical/Life Sciences	3
Open Elective	3
PSYC 226 - Statistical Analysis for the Social Sciences	3
Semester Hours	16

Total Credits

Total Hours for All Requirements: 31

Year Three

Requirements	Credits
HFCT 312 - Ergonomics and Bioengineering or 310 - Human-Computer Interaction	3
PSYC 323 - Research Design	3
PSYC 323L - Research Methods Laboratory	1
PSYC 345 - Training and Development	3
Humanities/Social Sciences - Lower or Upper Level	3
Open Elective	3
Semester Hours	16

Requirements	Credits
HFCT 307 - Performance Processes or 302 - Analytic Methods and Techniques	3
HFCT 307L - Performance Processes Laboratory or 302L - Analytic Methods and Techniques Laboratory	1
Open Elective	3
PSYC 321 - Psychology of Gaming	3
Specified Electives	3
Semester Hours	13

Total Credits

Total Hours for All Requirements: 29

Year Four

Requirements	Credits
HFCT 312 - Ergonomics and Bioengineering or 310 - Human-Computer Interaction	3
PSYC 315 - Cognitive Psychology	3
PSYC 445 - Tests and Measurements Theory	3
PSYC 490 - Psychology Capstone	3
Specified Electives	3
Semester Hours	15

Requirements	Credits
HFCT 400 - System Design	4
Humanities/Social Sciences - Upper Level	3
PSYC 410 - Personnel Selection and Assessment	3
Specified Elective	3
Semester Hours	13

Total Credits

Total Hours for All Requirements: 28