

PRE-APPROVED PROFESSIONAL ELECTIVE COURSES - OCTOBER 2024

Prefix	Course Number	Title	Semester commonly offered	Prerequisites
ADHM	411 ¹	Food and World Cultures	Fall, Spring, Summer	None
ANTH	332	Medical Anthropology	Spring	None
BIOC	483/683	Cellular Signal Transduction Processes and	Spring	None
BIOL/PLSC	315	Genetics	Fall, Spring	None
BIOL/PLSC	315L	Genetics Laboratory	Fall, Spring	None
BIOL	364	General Ecology	Fall, Spring, Summer	BIOL 150 and 151
BIOL	401/601	Science Communications	Spring	None
BUSN	318	Taxation in Management Decisions	Spring	ACCT 102 or ACCT 201 - Business major or
BUSN	340	International Business	Fall, Spring, Summer	College of Business professional major or
CHEM	425	Inorganic Chemistry I	Fall	CHEM 364
CHP	300 and higher	<i>This prefix is being phased out and no longer an option for an elective</i>		
CJ	407	Deviant Behavior	Spring, Summer	SOC 110 or PSYC 111
Creighton University	PHA 451	Advanced Critical Care	Spring, Summer	None
EDUC	321	Introduction to Teaching	Fall, Spring	None
EDUC	753	Managing and Monitoring Student Learning	Spring	Admission to school of education
ENGL	455	International Technical Writing	Spring	ENGL 120 and at least junior standing
ENGL	459	Researching and Writing Grants and Proposals	Fall, Spring	ENGL 120 and at least junior standing
ENGR	312	Impact of Technology on Society	Fall, Spring	None
FIN	320	Principles of Finance	Fall, Spring, Summer	College of Business professional major or
HDFS	320	Prenatal, Infant and Toddler Development	Fall, Spring	HDFS 230
HDFS	330*	Child Development	Fall, Spring, Summer	HDFS 230
HDFS	340	Adolescent Development	Fall, Spring	HDFS 230
HDFS	350*	Fundamentals of Hospital Child Life	Fall, Spring	HDFS 230 as a prerequisite and HDFS 250 as
HDFS	353	Children, Families and Public Policy	Fall, Spring	HDFS 230 and HDFS 242 as prerequisites
HDFS	357	Personal and Family Finance	Fall, Spring	None
HDFS	360	Adult Development and Aging	Fall, Spring	HDFS 230 or enrolled in Aging Studies
HDFS	435	Topics in Socioemotional Development	Varies	None
HDFS	448	Issues in Sexuality	Fall, Spring	HDFS 230, HDFS 242, HDFS 250 and junior or
HDFS	480	Community Resources of Later Life	Fall	HDFS 230 or enrolled in the Aging Studies certificate or Gerontology minor
HDFS	482	Family Dynamics of Aging	Spring	HDFS 230 or enrolled in the Aging Studies certificate or Gerontology minor
HDFS	468	Families and Work	Varies but listed as fall	HDFS 242, HDFS 250 and at least junior
Mercer University	PHA 505	Community Pharmacy Ownership	Spring, Summer	None
MBA	All	All MBA Prefix Courses		Acceptance into Grad School needed
MGMT	320	Foundations of Management	Fall, Spring, Summer	Students be College of Business professional major or minor, and a 2.50 minimum NDSU
MGMT	330	Foundations of Organizational Behavior	Fall, Spring, Summer	MGMT 320 and be a College of Business major or minor and have a minimum 2.50
MGMT	430/630	Leadership in Organizations	Spring, Summer	MGMT 320 and be a College of Business major or minor and have a minimum 2.50
MGMT	450	Human Resource Management	Fall, Spring	MGMT 320 and be a College of Business major or minor and have a minimum 2.50
MGMT	470	Entrepreneurship/Small Busn MGT	Fall, Spring, Summer	College of Business major or minor and a
MICR	445	Animal Cell Culture Techniques	Spring	None
MICR	460/660	Microbial Pathogenesis	Spring	MICR 202 or MICR 350 as a prerequisite
MICR	460L	Microbial Pathogenesis Laboratory	Spring	MICR 350L
MICR	463	Clinical Parasitology	Spring	BIOL 150 and BIOL 150L
MICR	471	Immunology and Serology Laboratory	Fall	MICR 350 and MICR 350L
MICR	475	Virology	Fall	MICR 470
MICR	480	Bacterial Physiology	Spring	MICR 350 and MICR 350L as prerequisites and BIOC 460 as a co-requisite.
MICR	482	Bacterial Genetics and Phage	Fall	MICR 350 as a prerequisite and BIOC 460 as a co-requisite.
MRKT	320	Foundations of Marketing	Fall, Spring, Summer	College of Business professional major or
MRKT	362	Foundations of Retailing	Fall, Spring, Summer	MRKT 320 and be a College of Business professional major or minor and have a minimum 2.50 NDSU grade point average.
PH	300 and higher	(formerly MPH)		
PHRM	300 and higher			
PSCI	300 and higher			
PSYC	322	Judgment & Decision-Making	Spring, Summer	PSYC 111
PSYC	340	Psychology in Sport	Fall, Summer	PSYC 111
PSYC	370	Forensic Psychology	Spring	PSYC 270
PSYC	380	Clinical Psychology	Fall	PSYC 270
PSYC	382	Self-Injury: Recognition & Treatment	*Has not been scheduled yet*	
PSYC	460	Sensation & Perception	Spring	PSYC 260 or PSYC 351
PSYC	481/681	Health Psychology	Fall, Spring	PSYC 260 or PSYC 350
SOC	410	Social Inequality	Spring	None
SOC	412	Sociology of Gender	Fall	None
SOC	417	Sociology of the Family	Spring	None
SOC	426/626	Sociology of Medicine	Spring	None
SOC	440	Sociology of Aging	Fall, Spring (varies)	None
SOC	441	Death and Dying	Fall	None
SPAN	303/391	Spanish for Healthcare	Fall	None

University of Florida	PHA 6357	Herbal and Dietary Supplements	Summer	None
University of Florida	PHA 6935	Veterinary Pharmacy Course for Pharmacy Students	Fall, Spring, Summer	None
University of Florida	PHA 6935	History in Pharmacy Leadership	Fall, Spring, Summer	None
University of Florida	PHA 6935	Development of Pharmacy Leadership	Fall, Spring, Summer	None
University of Wyoming	PHCY 5210	Regulating Dangerous Drug Use	Spring	None
University of Wyoming	PHCY 5240	Pharmaceutical Homicide Prevention	Fall, Spring	None
University of Wyoming	PHCY 5670	Medication Malpractice	Spring	None

REMINDER: These courses cannot be used as a professional elective if they were taken prior to the fall semester of a student's P1 year or P.5 if an EAP student. In addition, if a student took any of these courses before the fall semester of their P1 year, they cannot retake them while in the pharmacy program and try to count them as a professional elective.

Students must ensure that pre-reqs are met or waived from the offering department (student-lead procedure). Courses are also subject to capacity. If you do not meet the current prerequisites, consult your advisor for next steps.

The semester column was created using information from Campus Connection, check Campus Connection to confirm when semester schedules come out.

¹ ADHM 411 is becoming ADHM 211 (8/23) and will no longer be allowed as a professional elective if taken at the 200 level

*Send an email to the HDFFS Chair Joel Hektner (Joel.Hektner@ndsu.edu) with your major and request permission to register for the course.