

Pre-Approved Electives Offered through AZ Online for MS in Innovations in Aging Program		
Course Number	Course Title	Credits
NURS 634	Data Management in Health Care Systems	3
NURS 646	Healthcare Informatics: Theory & Practice	3
NURS 647	Human Factors in Health Information Technology	3
NURS 648	Healthcare Informatics: Theory and Research	3
NURS 736	Technology for Expanding Healthcare Capacity	3
PHPM 517	Indigenous Public Health	3
PHP 521	Administrative Dimensions of Indigenous Health	3
PHPM 568	American Indian Health Care Policy	3
HPS 556	Indigenous Methods and Evaluation Approaches	3
EPID 573A	Basic Principles of Epidemiology	3
PHPM 574	Public Health Policy and Management	3
EHS 575	Environmental and Occupational Health	3
BIOS 576A	Biostatistics for Public Health	3
HPS 577	Sociocultural & Behavioral Aspects of Public Health	3
EHS/EPID 545	One Health Foundations	3
EHS 551	One Health Systems Thinking	3
EHS 520	Environmentally Acquired Illnesses	3
HPS 533	Global Health	3
HPS 577	Social and Behavioral Aspect of Public Health	3
HPS 559	Management of Global Public Health Emergencies	3
EHS 539A	Outbreaks and Environmental Microbiology: Then to Now	3
EHS 546	One Health Approach and Case Studies	3
EHS 526	Topics in Environmental Justice	3
HPS 529	Project, Design, and Implementation in Global Health Development	3
HPS 533	Fundamentals of Global Health and Development	3
HPS 559	Management of Global Public Health Emergencies	3
EHS 539A	Outbreaks & Environmental Microbiology: Then & Now	3
EHS 545	One Health Foundations	3
EHS 546	One Health Approach & Case Studies	3
EPID 573D	Analysis of Public Health Data	3
HPS 534	Infectious Diseases, Global Health and Development	3
HPS 599	Independent Study in Global Health & Development Issues	3
HPS 628	Public Health Research & Evaluation	3
PHP 521	Administrative Dimensions of Indigenous Health	3
PHPM 528	Indigenous Research & Ethics	3
EHS 900	Capstone in Public Health Emergency and Epidemic Preparedness	3
HPS 559	Management of Public Health Emergencies	3
EHS 589	Public Health Preparedness	3
HPS 534	Infectious Diseases, Global Health and Development	3
EHS 539A	Outbreaks and Environmental Microbiology: Then to Now	3
EHS 520	Environmentally Acquired Illnesses	3
EHS 502	Environmental Monitoring Methods	3
EHS/EPID 545	One Health Foundations	3

PHD/BIOS/EHS/ HPS 5	Independent Study	3
PHP 424/524	Optimizing Well-being and Resilience for Older Adults	3
PHL 419/519	Alzheimer's Disease, Other Dementias and the Role of Public Health	3
PHP 536	Aging, Environment and Wellbeing	3
PHP 537	Management and Leadership in Long-term Care	3
NSC 501	Statistics for Applied Nutritional Sciences I	1
NSC 502	Statistics for Applied Nutritional Sciences II	1
NSC 509	Advanced Nutrition Metabolism and Disease	3
NSC 519	Advanced Applied Nutritional Sciences	3
NSC 542	Advanced Medical Nutrition Therapy	3
NSC 545	Assessment and Regulation of Human Body Composition	3
NSC 575	Nutrigenomics for the Study of Disease Prevention and Intervention	3
HRTS 500	Advancing Human Rights	3
HRTS 505	Human Rights Voices	3
HRTS 530	Understanding Gender-Based Violence	3
HRTS 531	Femicide/Feminicide	3
HRTS 521	Community-Based Research in Gender-Based Violence	3
HRTS 598B	Gender-Based Violence Project	3
LAW 515	Health Care Ethics	3
LAW 578A	Legal and Regulatory Aspects for Health Care Delivery	3
LAW 577/BME 577/ SIE 577	Intro to Biomedical informatics	3
LAW 579B	Legal and Regulatory Fundamentals for Health Care Business	3
LAW 608A	Public Health Law and Ethics	3
LAW 580A	Liability and Regulation of Healthcare Professionals	3
LAW 584A	Aging in America	3
LAW 584B	Aging and Social Justice	3
LAW 584C	Technology and Aging: Legal and Ethical Developments	3
LAW 584D	Law and the Elderly	3
LAW 608A/ PHPM 608A	Public Health Law and Ethics	3
LAW 580/480	Telehealth Law & Policy	3
IMB 506	Human Immunology	3
IMB 501	Medical Microbiology and Immunology	4
IMB 502	Medical Microbiology Basics	1
IMB 504	Medical Virology Basics	1
CMM 533	Molecular Medicine	1
CMM 535	Genetic Medicine	1
CMM 536	Cell Biology Basics	1
CMM 537	Immunology Basics	1
CMM 550	Inflammation and Immune Pathology	1
ETH 500	Foundations of Bioethics	3
ETH 503	Biomedical Ethics and the Law	3
ETH 504	Applying Key Moral Theories to Issues in Global Ethics	3
ETH 517	Ethics and the Arts	3

ETH 520	Ethics Consultations: The How's and Why's	3
ETH 522	Controversies of Life and Death: The beginnings and ends	3
ETH 572	Current Controversies in Bioethics	3
MGMT 536	Leading Healthcare Change	3
MGMT 537	Healthcare in Leadership	3

Note: Any course not on this list may be submitted to the faculty advisor or program coordinator for pre-approval.

Pre-Approved Electives Only Offered in Person to PhramD Students		
Course	Title	Credits
PHPR 801E	IPPE: Perspectives in Aging	3
PHCL 460	Designing Drugs: From Chemistry to Cure	3
PHSC 543	Health Services Research Methods	3
PHSC 513	Health Technology Assessment	3
PHSC 611	Pharmaceutical Education Research	3
PHSC 501	Introduction to Pharmacology, Drug Discovery & Pharmaceutics	4
PHSC 511	Topics in Pharmaceutical Solids, Nanotechnology and Solid-State Particle Engineering Design in Drug Delivery	3
PHSC 670	Principles in Drug Discovery, Design and Development	4
PCOL 509c	Statistics for Research	3
PCOL 530	Topics in Drug Discovery	2
PCOL 550	Drug Disposition & Metabolism	2
PCOL 535	General and Systems Toxicology	3
PCOL 515	Mechanisms of Human Diseases	4
PCOL 595H	Problems in the Biology of Complex Diseases	2
PCOL 505	Current Techniques in Pharmaceutical Sciences	3

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Pre-Approved Research Methods Courses for MS in Innovations in Aging Program		
Course	Title	Credits
AED 617	Research Methods and Project Design	3
BIOS/EPID 576A	Biostatistics in Public Health	3
LIS 506	Research Methods for Library and Information Professionals	3
SERP 556	Research Methods in Education	3
BME 477/577	Introduction to Biomedical Informatics	3
EPID 573B	Epidemiological Methods	3
MATH 574M	Statistical Machine Learning	3
SERP 590	Single Subject Research Design	3

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