

COURSE ATTRIBUTES A-Z

Course attributes are approved through rigorous curricular governance, and offer flexibility, adaptability, and clarity within our academic programs.

Key Features:

1. Curricular Governance Approval: Each attribute undergoes scrutiny and approval, ensuring alignment with academic standards.
2. Addition and Removal: Attributes can be added or removed, catering to evolving educational needs.
3. Simplified Program Structures: Attributes replace long course lists, offering clarity and efficiency in navigating program requirements.

A

- AAMW PhD Digital Media (HDAD) (<http://catalog.upenn.edu/attributes/hdad/>)
- AAMW PhD Seminar (HDAM) (<http://catalog.upenn.edu/attributes/hdam/>)
- ABCS Courses (UNAS) (<http://catalog.upenn.edu/attributes/unas/>)
- AFRC African American Studies (AAFA) (<http://catalog.upenn.edu/attributes/aafa/>)
- AFRC African Diaspora (AAFD) (<http://catalog.upenn.edu/attributes/aafd/>)
- AFRC African Studies (AAFS) (<http://catalog.upenn.edu/attributes/aafs/>)
- AFRC History Course (AAFO) (<http://catalog.upenn.edu/attributes/aaf0/>)
- AFRC Humanities (AAFH) (<http://catalog.upenn.edu/attributes/aafh/>)
- AFRC Methodology (AAFM) (<http://catalog.upenn.edu/attributes/aafm/>)
- AFRC Minor African American (AAFN) (<http://catalog.upenn.edu/attributes/aafn/>)
- AFRC Minor Caribbean or Latin American (AAFC) (<http://catalog.upenn.edu/attributes/aafc/>)
- AFRC Minor Upper Level (AAFU) (<http://catalog.upenn.edu/attributes/aafu/>)
- AFRC Research (AAFR) (<http://catalog.upenn.edu/attributes/aافر/>)
- AFRC Social Science (AAFT) (<http://catalog.upenn.edu/attributes/aافت/>)
- ANCH Ancient & Premod Hist Related Crs Other Dept (AANP) (<http://catalog.upenn.edu/attributes/aانپ/>)
- ANCH Greco-Roman Culture (AANB) (<http://catalog.upenn.edu/attributes/aانب/>)
- ANCH Greco-Roman World (AANG) (<http://catalog.upenn.edu/attributes/aانگ/>)
- ANCH Minor Courses (AANN) (<http://catalog.upenn.edu/attributes/aانن/>)
- ANTH Archaeology (AAAR) (<http://catalog.upenn.edu/attributes/aاار/>)
- ANTH Archaeology and Culture Minor (AAAC) (<http://catalog.upenn.edu/attributes/aااع/>)
- ANTH Biological Anthropology (AABI) (<http://catalog.upenn.edu/attributes/aابي/>)
- ANTH Biology, Environment, Health (AABE) (<http://catalog.upenn.edu/attributes/aabe/>)
- ANTH Ctr Analysis Archeology Material Minor (AAAM) (<http://catalog.upenn.edu/attributes/aاام/>)
- ANTH Cultural and Linguistics (AACL) (<http://catalog.upenn.edu/attributes/aacl/>)
- ANTH Environmental Anthropology (AAEA) (<http://catalog.upenn.edu/attributes/aااا/>)
- ANTH Material Worlds, Landscapes, Archaeology (AAMW) (<http://catalog.upenn.edu/attributes/aامو/>)
- ANTH Medical Anthropology and Global Health (AAMA) (<http://catalog.upenn.edu/attributes/aاما/>)
- ANTH Native Amer & Indigenous Stds Minor Relatd (AANI) (<http://catalog.upenn.edu/attributes/aاان/>)
- ANTH Native Amer & Indigenous Stds Minor Thematic (AANA) (<http://catalog.upenn.edu/attributes/aاانا/>)
- ANTH Political Ecology (AAPE) (<http://catalog.upenn.edu/attributes/aape/>)
- ANTH Psychoanalytic Studies Minor Related (AAPS) (<http://catalog.upenn.edu/attributes/aااپس/>)
- ANTH Science, Technology and Environment (AAST) (<http://catalog.upenn.edu/attributes/aاست/>)
- ARCH Undergraduate Art History (AARH) (<http://catalog.upenn.edu/attributes/aارھ/>)
- ARCH Undergraduate Culture, Society, and the City (AARC) (<http://catalog.upenn.edu/attributes/aارک/>)
- ARCH Undergraduate Environment Science (AARE) (<http://catalog.upenn.edu/attributes/aاره/>)
- ARTH Ancient (AHAA) (<http://catalog.upenn.edu/attributes/اهاا/>)
- ARTH Elective Major/Minor (AHAE) (<http://catalog.upenn.edu/attributes/اهاه/>)
- ARTH Geographic Non-Western (AHAG) (<http://catalog.upenn.edu/attributes/اهاگ/>)
- ARTH Medieval/Renaissance (AHAR) (<http://catalog.upenn.edu/attributes/اهار/>)
- ARTH Modern (AHAM) (<http://catalog.upenn.edu/attributes/اهام/>)
- ARTH PHD 5000-Level Seminar (HMS5) (<http://catalog.upenn.edu/attributes/hms5/>)
- ARTH PHD 7000-Level Seminar (HMS7) (<http://catalog.upenn.edu/attributes/hms7/>)
- ARTH PHD Post-1750 Seminar (HPAM) (<http://catalog.upenn.edu/attributes/hpam/>)
- ARTH PHD Pre-1750 Seminar (HPA7) (<http://catalog.upenn.edu/attributes/hpa7/>)
- ARTH Survey (AHAS) (<http://catalog.upenn.edu/attributes/ahas/>)
- ASAM Minor Related (AASR) (<http://catalog.upenn.edu/attributes/aاسر/>)
- ASLD Minor Cross Disciplinary Elective (ALNN) (<http://catalog.upenn.edu/attributes/alnn/>)

B

- BAAS - Gateway Writing (BAGW) (<http://catalog.upenn.edu/attributes/bagw/>)
- BAAS-Cert-Applied Positive Psychology (BCAP) (<http://catalog.upenn.edu/attributes/bcap/>)

- BAAS-Cert-Climate Change (BCCC) (<http://catalog.upenn.edu/attributes/bccc/>)
- BAAS-Cert-Creative Writing (BCCW) (<http://catalog.upenn.edu/attributes/bccw/>)
- BAAS-Cert-Data Analytics (BCDA) (<http://catalog.upenn.edu/attributes/bcda/>)
- BAAS-Cert-Digital Strategies (BCDS) (<http://catalog.upenn.edu/attributes/bcnds/>)
- BAAS-Cert-Global Studies (BCGS) (<http://catalog.upenn.edu/attributes/bcgs/>)
- BAAS-Cert-Leadership and Communication (BCLC) (<http://catalog.upenn.edu/attributes/bclc/>)
- BAAS-Cert-Neuroscience (BCNR) (<http://catalog.upenn.edu/attributes/bcnr/>)
- BAAS-Cert-Organizational Culture and Collaboration (BCOC) (<http://catalog.upenn.edu/attributes/bcoc/>)
- BAAS-Cert-Professional Writing (BCPW) (<http://catalog.upenn.edu/attributes/bcpw/>)
- BAAS-Cert-Regional Studies (BCGR) (<http://catalog.upenn.edu/attributes/bcgr/>)
- BAAS-Cert-Science Foundations (BCSF) (<http://catalog.upenn.edu/attributes/bcsf/>)
- BAAS-Cert-Soc Diff, Diversity, Equity, Inclusion (BCSD) (<http://catalog.upenn.edu/attributes/bcsd/>)
- BAAS-Cert-Upskill (BCUP) (<http://catalog.upenn.edu/attributes/bcup/>)
- BAAS-Concentration-Creative Studies (BBCS) (<http://catalog.upenn.edu/attributes/bbcs/>)
- BAAS-Concentration-Data Analytics and Psych Sci (BBDP) (<http://catalog.upenn.edu/attributes/bbdp/>)
- BAAS-Concentration-Data Analytics and Social Sci (BBDS) (<http://catalog.upenn.edu/attributes/bbds/>)
- BAAS-Concentration-Individualized Studies (BBIS) (<http://catalog.upenn.edu/attributes/bbis/>)
- BAAS-Concentration-Leadership and Communication (BBLC) (<http://catalog.upenn.edu/attributes/bblc/>)
- BAAS-Concentration-Literature, Culture, Tradition (BBLT) (<http://catalog.upenn.edu/attributes/bblt/>)
- BAAS-Concentration-Organizational Studies (BBOS) (<http://catalog.upenn.edu/attributes/bbos/>)
- BAAS-Concentration-Physical and Life Sciences (BBPL) (<http://catalog.upenn.edu/attributes/bbpl/>)
- BAAS-Elective (BAEL) (<http://catalog.upenn.edu/attributes/bael/>)
- BAAS-Foundation-Cross-Cult Interactions Diversity (BFCC) (<http://catalog.upenn.edu/attributes/bfcc/>)
- BAAS-Foundation-Ethical Reasoning (BFER) (<http://catalog.upenn.edu/attributes/bfer/>)
- BAAS-Foundation-Qualitative-Creativity/Innovation (BFQC) (<http://catalog.upenn.edu/attributes/bfqc/>)
- BAAS-Foundation-Qualitative-Digital Culture (BFQD) (<http://catalog.upenn.edu/attributes/bfqd/>)
- BAAS-Foundation-Qualitative-Historical Perspective (BFQH) (<http://catalog.upenn.edu/attributes/bfqh/>)
- BAAS-Foundation-Quantitative-Precalc+ (BFQP) (<http://catalog.upenn.edu/attributes/bfqp/>)
- BAAS-Foundation-Quantitative-Statistics (BFQS) (<http://catalog.upenn.edu/attributes/bfqs/>)
- BAAS-Foundation-Scientific Process (BFSP) (<http://catalog.upenn.edu/attributes/bfsp/>)
- BAAS-Foundation-Writing (BFWR) (<http://catalog.upenn.edu/attributes/bfwr/>)
- BAAS-Gateway Qualitative (BAGQ) (<http://catalog.upenn.edu/attributes/bagq/>)
- BAAS-Gateway Quantitative (BAQV) (<http://catalog.upenn.edu/attributes/baqv/>)
- BAAS-Gateway Scientific Process (BAGS) (<http://catalog.upenn.edu/attributes/bags/>)
- BAAS-Writing (BAWR) (<http://catalog.upenn.edu/attributes/bawr/>)
- BE PhD Bioengineering Fundamental Course (EPBF) (<http://catalog.upenn.edu/attributes/epbf/>)
- BE PhD BioMed Science Course (EPBS) (<http://catalog.upenn.edu/attributes/epbs/>)
- BE PhD Math Course (EPBM) (<http://catalog.upenn.edu/attributes/epbm/>)
- Ben Franklin Seminars (UNBF) (<http://catalog.upenn.edu/attributes/unbf/>)
- BFA History of Art Elective (BUFA) (<http://catalog.upenn.edu/attributes/bufa/>)
- BIOE Allocation (ABEA) (<http://catalog.upenn.edu/attributes/abea/>)
- BIOE Clinical Ethics (ABEC) (<http://catalog.upenn.edu/attributes/abec/>)
- BIOE Comparative (ABEM) (<http://catalog.upenn.edu/attributes/abem/>)
- BIOE Historical Courses (ABEH) (<http://catalog.upenn.edu/attributes/abeh/>)
- BIOE Normative Courses (ABEN) (<http://catalog.upenn.edu/attributes/aben/>)
- BIOE Policy and Culture (ABEP) (<http://catalog.upenn.edu/attributes/abep/>)
- BIOE Research Ethics (ABER) (<http://catalog.upenn.edu/attributes/aber/>)
- BIOE Seminar (ABES) (<http://catalog.upenn.edu/attributes/abes/>)
- BIOL Additional Computational Biology Course (ABB2) (<http://catalog.upenn.edu/attributes/abb2/>)
- BIOL Additional Extra-Departmental Course (ABXD) (<http://catalog.upenn.edu/attributes/abxd/>)
- BIOL Additional Mechanisms of Disease Elective (ABAM) (<http://catalog.upenn.edu/attributes/abam/>)
- BIOL Advanced Experimental Research (ABAE) (<http://catalog.upenn.edu/attributes/abae/>)
- BIOL Advanced Neurobiology (ABAN) (<http://catalog.upenn.edu/attributes/aban/>)
- BIOL Cellular, Molecular, & Developmental Biology (ABCM) (<http://catalog.upenn.edu/attributes/abcm/>)
- BIOL Chemistry (ABIC) (<http://catalog.upenn.edu/attributes/abic/>)
- BIOL Computational Biology (ABCB) (<http://catalog.upenn.edu/attributes/abcb/>)
- BIOL Ecology & Evolutionary Biology (ABEE) (<http://catalog.upenn.edu/attributes/abee/>)
- BIOL Genetic Disease (ABGD) (<http://catalog.upenn.edu/attributes/abgd/>)

- BIOL Genetics and Genomics (ABGG) (<http://catalog.upenn.edu/attributes/abgg/>)
- BIOL Mechanisms of Disease Elective (ABMD) (<http://catalog.upenn.edu/attributes/abmd/>)
- BIOL Microbes & Infectious Disease (ABMI) (<http://catalog.upenn.edu/attributes/abmi/>)
- BIOL Molecular and Cell Biolog (ABMC) (<http://catalog.upenn.edu/attributes/abmc/>)
- BIOL PhD Biology Elective (HPBI) (<http://catalog.upenn.edu/attributes/hpbi/>)
- BIOL Principally Neurobiology (ABPN) (<http://catalog.upenn.edu/attributes/abpn/>)
- BIOL Subs for Molecular/Cell or Genetics/Genomics (ABSM) (<http://catalog.upenn.edu/attributes/absm/>)
- BIOL Systems and Integrative Biology (ABSI) (<http://catalog.upenn.edu/attributes/absi/>)
- BIOP Biophysics Elective (ABPE) (<http://catalog.upenn.edu/attributes/abpe/>)
- BSTA Biomedical Research Elective (MPBR) (<http://catalog.upenn.edu/attributes/mpbr/>)
- BSTA Biostatistics Elective (MPEB) (<http://catalog.upenn.edu/attributes/mpeb/>)
- CMPL Advanced Literature or Film (ACLL) (<http://catalog.upenn.edu/attributes/acll/>)
- CMPL Globalization and Culture (ACLG) (<http://catalog.upenn.edu/attributes/aclg/>)
- CMPL National Literature (ACLO) (<http://catalog.upenn.edu/attributes/aclo/>)
- CMPL Non Western or Post Colonial (ACLP) (<http://catalog.upenn.edu/attributes/aclp/>)
- CMPL Post-Colonial Theory (ACLW) (<http://catalog.upenn.edu/attributes/aclw/>)
- CMPL Theory Elective (ACLH) (<http://catalog.upenn.edu/attributes/aclh/>)
- COGS Cognitive Neuroscience (ACGN) (<http://catalog.upenn.edu/attributes/acgn/>)
- COGS Computation and Cognition (ACGC) (<http://catalog.upenn.edu/attributes/acgc/>)
- COGS Language & Mind (ACGL) (<http://catalog.upenn.edu/attributes/acgl/>)
- COL Advanced Language (AULA) (<http://catalog.upenn.edu/attributes/aula/>)
- COL Foundational Appr. - CritWriting Reqmnt (AUWR) (<http://catalog.upenn.edu/attributes/auwr/>)
- COL Foundational Appr. - Cross-Cultural Analysis (AUCC) (<http://catalog.upenn.edu/attributes/aucc/>)
- COL Foundational Appr. - Foreign Language Requirement (AUFL) (<http://catalog.upenn.edu/attributes/aufl/>)
- COL Foundational Appr. - Formal Reasoning & Analysis (AUFR) (<http://catalog.upenn.edu/attributes/aufr/>)
- COL Foundational Appr. - Quantitative Data Analysis (AUQD) (<http://catalog.upenn.edu/attributes/auqd/>)
- COL Foundational Appr.s - Cultural Diversity US (AUCD) (<http://catalog.upenn.edu/attributes/aucd/>)
- COL Instruction: Non-English (AUOT) (<http://catalog.upenn.edu/attributes/auot/>)
- COL Sector - Arts & Letter (AUAL) (<http://catalog.upenn.edu/attributes/aual/>)
- COL Sector - History & Tradition (AUHT) (<http://catalog.upenn.edu/attributes/auht/>)
- COL Sector - Humanities & Social Science (AUHS) (<http://catalog.upenn.edu/attributes/auhs/>)
- COL Sector - HumSocSci/NatSciMth (AUHN) (<http://catalog.upenn.edu/attributes/auhn/>)
- COL Sector - Living World (AULW) (<http://catalog.upenn.edu/attributes/aulw/>)
- COL Sector - Natural Science Across Disciplines (AUNM) (<http://catalog.upenn.edu/attributes/aunm/>)
- COL Sector - Physical World (AUPW) (<http://catalog.upenn.edu/attributes/aupw/>)
- COL Sector - Society (AUSO) (<http://catalog.upenn.edu/attributes/auso/>)
- COL-ADMIN-LPS (AULP) (<http://catalog.upenn.edu/attributes/aulp/>)
- COL-ADMIN-Masters Degree (AUMD) (<http://catalog.upenn.edu/attributes/aumd/>)
- COL-COURSE-Language (AULG) (<http://catalog.upenn.edu/attributes/aulg/>)

C

- CBE Minor Elective (EUCB) (<http://catalog.upenn.edu/attributes/eucb/>)
- CIMS Format & Theory (ACFT) (<http://catalog.upenn.edu/attributes/acft/>)
- CIMS History & Geography (ACHG) (<http://catalog.upenn.edu/attributes/achg/>)
- CIMS Non-American Cinema (ACMN) (<http://catalog.upenn.edu/attributes/acmn/>)
- CIMS Production & Practice (ACPR) (<http://catalog.upenn.edu/attributes/acpr/>)
- CIMS Related Course (ACRL) (<http://catalog.upenn.edu/attributes/acrl/>)
- CIS NonCIS Elective (EMCI) (<http://catalog.upenn.edu/attributes/emci/>)
- CIS Restricted Technical Elective (EUCR) (<http://catalog.upenn.edu/attributes/eucr/>)
- CIS Unrestricted Technical Elective (EUCU) (<http://catalog.upenn.edu/attributes/eucu/>)
- CLST Classical Studies Civilization & Language: Spec Cluster 3 (ACLS) (<http://catalog.upenn.edu/attributes/acls/>)
- CLST Classical Studies Med Arch Track: Adv Med Arch (ACLV) (<http://catalog.upenn.edu/attributes/aclv/>)
- CLST Classical Studies Med Arch Track: Arch Sci Course (ACLA) (<http://catalog.upenn.edu/attributes/acla/>)
- CLST Classical Studies Med Arch Track: Intro Med Arch (ACLI) (<http://catalog.upenn.edu/attributes/acli/>)
- CLST Classical Studies Minor Attribute (ACLN) (<http://catalog.upenn.edu/attributes/acln/>)
- CLST Classical Studies Related Crs Other Dept (ACLB) (<http://catalog.upenn.edu/attributes/aclb/>)
- CLST Theory Course in Archaeology (ACLT) (<http://catalog.upenn.edu/attributes/aclt/>)

- COL-COURSE-Last Language (AULL) (<http://catalog.upenn.edu/attributes/aull/>)
- College 16 CU Requirement (AU16) (<http://catalog.upenn.edu/attributes/au16/>)
- COMM Advocacy & Activism (ACAA) (<http://catalog.upenn.edu/attributes/acaa/>)
- COMM Audiences & Persuasion (ACAP) (<http://catalog.upenn.edu/attributes/acap/>)
- COMM Communication and Public Service (ACCP) (<http://catalog.upenn.edu/attributes/accp/>)
- COMM Culture & Society (ACCS) (<http://catalog.upenn.edu/attributes/accs/>)
- COMM Data & Network Science (ACDN) (<http://catalog.upenn.edu/attributes/acdn/>)
- COMM Methods Course (ACRM) (<http://catalog.upenn.edu/attributes/acrm/>)
- COMM Politics & Policy (ACPP) (<http://catalog.upenn.edu/attributes/acpp/>)
- CRIM Bio Psycho Social (ACRB) (<http://catalog.upenn.edu/attributes/acrb/>)
- CRIM Crim Justice Research (ACRC) (<http://catalog.upenn.edu/attributes/acrc/>)
- CRIM MS Criminology Elective (HPCR) (<http://catalog.upenn.edu/attributes/hpcc/>)
- CRIM SocioPolitical (ACRS) (<http://catalog.upenn.edu/attributes/acrs/>)
- EALC East Seminar (AEAA) (<http://catalog.upenn.edu/attributes/aeaa/>)
- EALC East Social Sciences (AEAS) (<http://catalog.upenn.edu/attributes/aeas/>)
- EALC Honors (AEAO) (<http://catalog.upenn.edu/attributes/aeao/>)
- EALC Intensive Language (AEIL) (<http://catalog.upenn.edu/attributes/aeil/>)
- EALC Japanese (AEAJ) (<http://catalog.upenn.edu/attributes/aeaj/>)
- EALC Japanese Minor (AEAP) (<http://catalog.upenn.edu/attributes/aeap/>)
- EALC Korean (AEAK) (<http://catalog.upenn.edu/attributes/aeak/>)
- EALC Korean Minor (AEAR) (<http://catalog.upenn.edu/attributes/aear/>)
- EALC Major Seminar (AEAM) (<http://catalog.upenn.edu/attributes/aeam/>)
- EALC Transnational or Comparative East Asia (AETR) (<http://catalog.upenn.edu/attributes/aetr/>)
- EASC Advanced Course (AERA) (<http://catalog.upenn.edu/attributes/aera/>)
- EASC Earth and Environmental Systems (AERE) (<http://catalog.upenn.edu/attributes/aere/>)
- EASC Field Course (AERF) (<http://catalog.upenn.edu/attributes/aerf/>)
- EASC Geology Honors (AERH) (<http://catalog.upenn.edu/attributes/aerh/>)
- EASC Living Systems (AERL) (<http://catalog.upenn.edu/attributes/aerl/>)
- EASC Upper Level Biology Paleo Concentration (AERB) (<http://catalog.upenn.edu/attributes/aerb/>)
- EASC Upper Level Geology Paleo Concentration (AERG) (<http://catalog.upenn.edu/attributes/aerg/>)
- ENG Engineering Entrepreneurship (EUNP) (<http://catalog.upenn.edu/attributes/eunp/>)
- ENGL 19th Century Literature (AE19) (<http://catalog.upenn.edu/attributes/ae19/>)
- ENGL 20th 21st Century Literature (AE21) (<http://catalog.upenn.edu/attributes/ae21/>)
- ENGL 20th Century Literature (AE20) (<http://catalog.upenn.edu/attributes/ae20/>)
- ENGL Africana Literatures and Cultures (AEAC) (<http://catalog.upenn.edu/attributes/aeac/>)
- ENGL Creative Writing Workshop Course Minor (AECW) (<http://catalog.upenn.edu/attributes/aecw/>)
- ENGL Difference and Diaspora (AEDD) (<http://catalog.upenn.edu/attributes/aedd/>)
- ENGL Drama (AEDR) (<http://catalog.upenn.edu/attributes/aedr/>)
- ENGL Gender and Sexuality (AEGS) (<http://catalog.upenn.edu/attributes/aegs/>)
- ENGL Journalistic Writing Minor (AEJW) (<http://catalog.upenn.edu/attributes/aejw/>)
- ENGL Literary Theory and Cultural Studies (AETC) (<http://catalog.upenn.edu/attributes/aetc/>)
- ENGL Literature before 1700 (AEB7) (<http://catalog.upenn.edu/attributes/aeb7/>)
- ENGL Literature before 1900 (AEB9) (<http://catalog.upenn.edu/attributes/aeb9/>)

D

- Design PhD Research Method (FDRM) (<http://catalog.upenn.edu/attributes/fdrm/>)
- DHUM Digital Humanities Minor- Research (ADHE) (<http://catalog.upenn.edu/attributes/adhe/>)
- DHUM Digital Humanities Minor- Skills (ADHC) (<http://catalog.upenn.edu/attributes/adhc/>)
- DMD Elective (EUDM) (<http://catalog.upenn.edu/attributes/eudm/>)
- DSGN Art History (ADAH) (<http://catalog.upenn.edu/attributes/adah/>)
- DSGN Certificate in Energy Management & Policy (FMEM) (<http://catalog.upenn.edu/attributes/fmem/>)
- DSGN Major Elective (ADEL) (<http://catalog.upenn.edu/attributes/adel/>)
- DSGN Theory (ADTH) (<http://catalog.upenn.edu/attributes/adth/>)
- DTCH Dutch Related (AGDR) (<http://catalog.upenn.edu/attributes/agdr/>)

E

- EALC Chinese (AEAI) (<http://catalog.upenn.edu/attributes/aeai/>)
- EALC Chinese and Inner Asia (AEAN) (<http://catalog.upenn.edu/attributes/aean/>)
- EALC East Asian Area Studies (AEAE) (<http://catalog.upenn.edu/attributes/aeae/>)
- EALC East History (AEAH) (<http://catalog.upenn.edu/attributes/aeah/>)
- EALC East Humanities (AEAU) (<http://catalog.upenn.edu/attributes/aeau/>)

- ENGL Literature, Journalism & Print Culture (AELJ) (<http://catalog.upenn.edu/attributes/aelj/>)
- ENGL Long 18th Century (AE18) (<http://catalog.upenn.edu/attributes/ae18/>)
- ENGL Medieval/Renaissance Concentration Core (AEMC) (<http://catalog.upenn.edu/attributes/aemc/>)
- ENGL Medieval/Renaissance Core (AEMR) (<http://catalog.upenn.edu/attributes/aemr/>)
- ENGL Poetry and Poetics (AEPP) (<http://catalog.upenn.edu/attributes/aepp/>)
- ENGL The Novel (AENV) (<http://catalog.upenn.edu/attributes/aenv/>)
- ENGL Theory and Poetics (AETP) (<http://catalog.upenn.edu/attributes/aetp/>)
- ENVS Biotic History Concentrations List (AESB) (<http://catalog.upenn.edu/attributes/aesb/>)
- ENVS Data Analysis and Statistics Core (AESD) (<http://catalog.upenn.edu/attributes/aesd/>)
- ENVS Earth Systems Concentrations List (AESL) (<http://catalog.upenn.edu/attributes/aesl/>)
- ENVS Economics and Policy Core (AESE) (<http://catalog.upenn.edu/attributes/aeese/>)
- ENVS Environmental Economics Concentrations List (AESC) (<http://catalog.upenn.edu/attributes/aesc/>)
- ENVS Environmental Geology Concentrations List (AESO) (<http://catalog.upenn.edu/attributes/aeso/>)
- ENVS Environmental History Concentrations List (AEHH) (<http://catalog.upenn.edu/attributes/aehh/>)
- ENVS Environmental Humanities (AESH) (<http://catalog.upenn.edu/attributes/aesh/>)
- ENVS Environmental Natural Science (AESN) (<http://catalog.upenn.edu/attributes/aesn/>)
- ENVS Environmental Policy Concentrations List (AEPC) (<http://catalog.upenn.edu/attributes/aepc/>)
- ENVS Environmental Social Sciences (AESS) (<http://catalog.upenn.edu/attributes/aess/>)
- ENVS Field Course Requirement (AESF) (<http://catalog.upenn.edu/attributes/aesf/>)
- ENVS Geochemical Dynamics Concentration List (AESY) (<http://catalog.upenn.edu/attributes/aesy/>)
- ENVS Geographical or Environmental Modeling Core (AESG) (<http://catalog.upenn.edu/attributes/aesg/>)
- ENVS Global Politics & International Rel Conc List (AESR) (<http://catalog.upenn.edu/attributes/aesr/>)
- ENVS International Environmental Issues Conc List (AESI) (<http://catalog.upenn.edu/attributes/aesi/>)
- ENVS Sustainability & Environmental Mngmnt Conc (AESW) (<http://catalog.upenn.edu/attributes/aesw/>)
- ENVS Sustainability & Environmental Mngmnt Minor (AESM) (<http://catalog.upenn.edu/attributes/aesm/>)
- EPID Epidemiology Elective (MPEP) (<http://catalog.upenn.edu/attributes/mpep/>)
- ESE Circuits & CE (EUEC) (<http://catalog.upenn.edu/attributes/euec/>)
- ESE Elective (EUEE) (<http://catalog.upenn.edu/attributes/euee/>)
- ESE Information & Decision Systems (EUEI) (<http://catalog.upenn.edu/attributes/euei/>)

- ESE Nanodevelopment & Nanosystems (EUEI) (<http://catalog.upenn.edu/attributes/euei/>)

F

- FIGS PhD Topic Course (HPFT) (<http://catalog.upenn.edu/attributes/hpft/>)
- First Year Seminar (AUF) (<http://catalog.upenn.edu/attributes/auf/>)
- First Year Seminar (UNFS) (<http://catalog.upenn.edu/attributes/unfs/>)
- FNAR Art History (AFAH) (<http://catalog.upenn.edu/attributes/afah/>)
- FNAR Design, Animation, or Video Studio (AFDA) (<http://catalog.upenn.edu/attributes/afda/>)
- FNAR Drawing Studio (AFDS) (<http://catalog.upenn.edu/attributes/afds/>)
- FNAR Major Elective (AFEL) (<http://catalog.upenn.edu/attributes/afel/>)
- FNAR Painting Studio (AFPA) (<http://catalog.upenn.edu/attributes/afpa/>)
- FNAR Photography Studio (AFPS) (<http://catalog.upenn.edu/attributes/afps/>)
- FNAR Sculpture Studio & Ceramic Studio (AFSC) (<http://catalog.upenn.edu/attributes/afsc/>)

G

- GCB Approach Elective (MPAE) (<http://catalog.upenn.edu/attributes/mpae/>)
- GCB Biol Spec Elective (MPBS) (<http://catalog.upenn.edu/attributes/mpbs/>)
- GMST Europe (AGME) (<http://catalog.upenn.edu/attributes/agme/>)
- GMST Literature or Written Culture (AGML) (<http://catalog.upenn.edu/attributes/agml/>)
- GMST Minor- Art, Architecture, Music (AGMA) (<http://catalog.upenn.edu/attributes/agma/>)
- GMST Minor- Medieval Studies History (AGMH) (<http://catalog.upenn.edu/attributes/agmh/>)
- GMST Outside of Europe (AGMO) (<http://catalog.upenn.edu/attributes/agmo/>)
- GMST Religion, Philosophy or Science (AGMR) (<http://catalog.upenn.edu/attributes/agmr/>)
- GRMN German Related (AGER) (<http://catalog.upenn.edu/attributes/ager/>)
- GSE Division- Education Policy (GVPE) (<http://catalog.upenn.edu/attributes/gvpe/>)
- GSE Division- Higher Education (GVHE) (<http://catalog.upenn.edu/attributes/gvhe/>)
- GSE Division- Human Development & Quant Methods (GVHQ) (<http://catalog.upenn.edu/attributes/gvhq/>)
- GSE Division- Literacy, Culture, and Int'l Educ (GVLC) (<http://catalog.upenn.edu/attributes/gvlc/>)
- GSE Division- Teaching, Learning, and Leadership (GVTL) (<http://catalog.upenn.edu/attributes/gvtl/>)
- GSE EDD Advanced Qualitative/Quantitative (GDAQ) (<http://catalog.upenn.edu/attributes/gdaq/>)
- GSE EDD Higher Education Methods (GDEM) (<http://catalog.upenn.edu/attributes/gdem/>)

- GSE EDD Qualitative (GDQL) (<http://catalog.upenn.edu/attributes/gdql/>)
- GSE EDD Quantitative Course (GDQN) (<http://catalog.upenn.edu/attributes/gdqn/>)
- GSE EDD Reading/Writing/Literacy Methods (GDRW) (<http://catalog.upenn.edu/attributes/gdrw/>)
- GSE MSED Ed, Culture, Soc- Acad Based Comm Service (GMAC) (<http://catalog.upenn.edu/attributes/gmac/>)
- GSE MSED Ed, Culture, Soc- Community Service (GMCS) (<http://catalog.upenn.edu/attributes/gmcs/>)
- GSE MSED Educational Linguistics Distribution (GMLN) (<http://catalog.upenn.edu/attributes/gmln/>)
- GSE MSED Human Development Distribution (GMHD) (<http://catalog.upenn.edu/attributes/gmhd/>)
- GSE MSED IEDP Thematic Course (GMIT) (<http://catalog.upenn.edu/attributes/gmit/>)
- GSE MSED Intercultural Communication ELX Elective (GMIE) (<http://catalog.upenn.edu/attributes/gmie/>)
- GSE MSED Qualitative (GMQL) (<http://catalog.upenn.edu/attributes/gmql/>)
- GSE MSED Quantitative (GMQN) (<http://catalog.upenn.edu/attributes/gmqn/>)
- GSE MSED Reading/Writing/Literacy Rsrch Elective (GMRE) (<http://catalog.upenn.edu/attributes/gmre/>)
- GSE MSED Urban Teaching Appr. Advanced Content (GMUA) (<http://catalog.upenn.edu/attributes/gmua/>)
- GSE PHD Ed Culture Advanced Qualitative Methods (GDEQ) (<http://catalog.upenn.edu/attributes/gdeq/>)
- GSE PHD Ed Culture Advanced Quantitative Methods (GDEN) (<http://catalog.upenn.edu/attributes/gden/>)
- GSE PHD Education Culture Qualitative Methods (GDEL) (<http://catalog.upenn.edu/attributes/gdel/>)
- GSE PHD Education Policy Qualitative (GDPL) (<http://catalog.upenn.edu/attributes/gdpl/>)
- GSE PHD Education Policy Quantitative (GDPN) (<http://catalog.upenn.edu/attributes/gdpn/>)
- GSE PHD Education, Culture, Society Methods (GDMC) (<http://catalog.upenn.edu/attributes/gdmc/>)
- GSE PHD Educational Linguistics Adv Qual/Quant (GDLA) (<http://catalog.upenn.edu/attributes/gdla/>)
- GSE PHD Educational Linguistics Options (GDLC) (<http://catalog.upenn.edu/attributes/gdlc/>)
- GSE PHD Educational Linguistics Qualitative (GDLL) (<http://catalog.upenn.edu/attributes/gdll/>)
- GSE PHD Educational Linguistics Quantitative (GDLN) (<http://catalog.upenn.edu/attributes/gdln/>)
- GSE PHD Higher Education Methods (GDHM) (<http://catalog.upenn.edu/attributes/gdhm/>)
- GSE PHD Higher Education Quantitative (GDHN) (<http://catalog.upenn.edu/attributes/gdhn/>)
- GSE PHD Reading/Writing/Literacy Research (GDRR) (<http://catalog.upenn.edu/attributes/gdrr/>)
- GSWS Feminist Studies (AGWF) (<http://catalog.upenn.edu/attributes/agwf/>)
- GSWS Global Gender and Sexuality Studies (AGWG) (<http://catalog.upenn.edu/attributes/agwg/>)

- GSWS Health and Disabilities (AGWH) (<http://catalog.upenn.edu/attributes/agwh/>)
- GSWS LGBTQ Studies (AGWL) (<http://catalog.upenn.edu/attributes/agwl/>)
- GSWS Major Related (AGGR) (<http://catalog.upenn.edu/attributes/aggr/>)
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H

- HIST Africa and the Middle East (AHAF) (<http://catalog.upenn.edu/attributes/ahaf/>)
- HIST Concentration in American History (AHCA) (<http://catalog.upenn.edu/attributes/ahca/>)
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- HIST Concentration in Economic History Related (AHEC) (<http://catalog.upenn.edu/attributes/ahec/>)
- HIST Concentration in European History (AHCE) (<http://catalog.upenn.edu/attributes/ahce/>)
- HIST Concentration in European History Related (AHER) (<http://catalog.upenn.edu/attributes/aher/>)
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- HIST Concentration in Gender History Related (AHGR) (<http://catalog.upenn.edu/attributes/ahgr/>)
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- HIST Concentration in World History Related (AHWR) (<http://catalog.upenn.edu/attributes/ahwr/>)
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- HIST Political History Related (AHPR) (<http://catalog.upenn.edu/attributes/ahpr/>)
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- HIST Seminar (AHEM) (<http://catalog.upenn.edu/attributes/ahem/>)

- HIST Transregional (AHTR) (<http://catalog.upenn.edu/attributes/ahtr/>)
 - HIST United States and Canada (AHUC) (<http://catalog.upenn.edu/attributes/ahuc/>)
 - HPR CHIPS Elective (MMYC) (<http://catalog.upenn.edu/attributes/mmyc/>)
 - HPR Elective (MMYE) (<http://catalog.upenn.edu/attributes/mmye/>)
 - HSOC Bioethics Core (AHSI) (<http://catalog.upenn.edu/attributes/ahsi/>)
 - HSOC Bioethics Discipline (AHSB) (<http://catalog.upenn.edu/attributes/ahsb/>)
 - HSOC Disease and Culture (AHSD) (<http://catalog.upenn.edu/attributes/ahsd/>)
 - HSOC Global Health Concentration Elective (AHSG) (<http://catalog.upenn.edu/attributes/ahsg/>)
 - HSOC Health Policy and Law Concentration (AHSE) (<http://catalog.upenn.edu/attributes/ahse/>)
 - HSOC Health Policy Core (AHSC) (<http://catalog.upenn.edu/attributes/ahsc/>)
 - HSOC Healthcare Finance Concentration (AHFI) (<http://catalog.upenn.edu/attributes/ahfi/>)
 - HSOC Healthcare Finance Core (AHFC) (<http://catalog.upenn.edu/attributes/ahfc/>)
 - HSOC Law and Society (AHSA) (<http://catalog.upenn.edu/attributes/ahsa/>)
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 - HSOC Philosophical/Ethical (AHSH) (<http://catalog.upenn.edu/attributes/ahsh/>)
 - HSOC Political Economy (AHSO) (<http://catalog.upenn.edu/attributes/ahso/>)
 - HSOC Public Health Core (AHPH) (<http://catalog.upenn.edu/attributes/ahph/>)
 - HSOC Public Health Elective (AHPE) (<http://catalog.upenn.edu/attributes/ahpe/>)
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 - HSSC PHD Science Subfield (HDHS) (<http://catalog.upenn.edu/attributes/hdhs/>)
 - HSSC PHD TECH Subfield (HDHT) (<http://catalog.upenn.edu/attributes/hdht/>)
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 - INTR International Relations Elective (AIRE) (<http://catalog.upenn.edu/attributes/aire/>)
 - INTR International Security/Foreign Policy Elect (AIRS) (<http://catalog.upenn.edu/attributes/airs/>)
 - INTR Non-Western Elective (AIRN) (<http://catalog.upenn.edu/attributes/airn/>)
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 - JWST Jewish Studies - Biblical Period (AJSB) (<http://catalog.upenn.edu/attributes/ajsb/>)
 - JWST Jewish Studies - Hebrew or Yiddish (AJSH) (<http://catalog.upenn.edu/attributes/ajsh/>)
 - JWST Jewish Studies - Modern and Literature (AJSV) (<http://catalog.upenn.edu/attributes/ajsv/>)
 - JWST Jewish Studies - Modern Period (AJSM) (<http://catalog.upenn.edu/attributes/ajsm/>)
 - JWST Jewish Studies - Rabbinic and Literature (AJSU) (<http://catalog.upenn.edu/attributes/ajsu/>)
 - JWST Jewish Studies - Rabbinic or Medieval Period (AJSR) (<http://catalog.upenn.edu/attributes/ajsr/>)
 - JWST Jewish Studies - Religion & Culture Seminars (AJSC) (<http://catalog.upenn.edu/attributes/ajsc/>)
 - JWST Jewish Studies Lit - Original or Translation (AJSL) (<http://catalog.upenn.edu/attributes/ajsl/>)
 - JWST Minor- Jewish Studies Elective (AJSE) (<http://catalog.upenn.edu/attributes/ajse/>)
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 - LALX History (ALHI) (<http://catalog.upenn.edu/attributes/alhi/>)
 - LALX Latinx Diaspora (ALDI) (<http://catalog.upenn.edu/attributes/al-di/>)
 - LALX Regional Experience Prior to 1820 (ALRP) (<http://catalog.upenn.edu/attributes/alrp/>)
 - LALX Related Elective (ALMR) (<http://catalog.upenn.edu/attributes/almr/>)
 - LALX Social Science (ALSS) (<http://catalog.upenn.edu/attributes/alss/>)
 - Law JD Additional MBE Elective (LJME) (<http://catalog.upenn.edu/attributes/ljme/>)
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- Law JD Experiential Learning II (LJE2) (<http://catalog.upenn.edu/attributes/lje2/>)
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- LGIC Logic, Information, and Computing Elective (ALCE) (<http://catalog.upenn.edu/attributes/alce/>)
- LGIC Minor- Logic, Info, and Computing Elective (ALCN) (<http://catalog.upenn.edu/attributes/alcn/>)
- LING PHD Pre Approved Course (HDLA) (<http://catalog.upenn.edu/attributes/hdla/>)
- LING Related Courses (ALNR) (<http://catalog.upenn.edu/attributes/alnr/>)
- LPS GAFL Data Analytics Concentration (BMFA) (<http://catalog.upenn.edu/attributes/bmfa/>)
- LPS GAFL Domestic Policy Concentration (BMFD) (<http://catalog.upenn.edu/attributes/bmfd/>)
- LPS GAFL International Affairs Concentration (BMFI) (<http://catalog.upenn.edu/attributes/bmfi/>)
- LPS GAFL International Impact Evaluation Major (BMFE) (<http://catalog.upenn.edu/attributes/bmfe/>)
- LPS GAFL Nonprofit Management Concentration (BMFN) (<http://catalog.upenn.edu/attributes/bmfn/>)
- LPS GAFL Political Advocacy Concentration (BMFP) (<http://catalog.upenn.edu/attributes/bmfp/>)
- LPS GAFL Quantitative Policy Analysis Major (BMFQ) (<http://catalog.upenn.edu/attributes/bmfq/>)
- LPS MSOD Global and Cultural Organization (BMOG) (<http://catalog.upenn.edu/attributes/bmog/>)
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- LPS MSOD Organizational Culture and Change (BMCU) (<http://catalog.upenn.edu/attributes/bmcu/>)
- LPS MSOD Sustainable Development (BMOS) (<http://catalog.upenn.edu/attributes/bmos/>)
- MBIOT BTP Quantitative Course (EMMP) (<http://catalog.upenn.edu/attributes/emmp/>)
- MBIOT BTT Advanced Elective (EMMV) (<http://catalog.upenn.edu/attributes/emmv/>)
- MBIOT BTT Quantitative Course (EMMM) (<http://catalog.upenn.edu/attributes/emmm/>)
- MBIOT Molecular Biology Track Course (EMMB) (<http://catalog.upenn.edu/attributes/emmb/>)
- MBMI Elective (MMBI) (<http://catalog.upenn.edu/attributes/mmbe/>)
- MCIT Online Elective (EMCO) (<http://catalog.upenn.edu/attributes/emco/>)
- MCS Core Courses (BMCC) (<http://catalog.upenn.edu/attributes/bmcc/>)
- MCS Electives (BMCE) (<http://catalog.upenn.edu/attributes/bmce/>)
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- MELC Ancient Middle East Literature in Translation (ANLT) (<http://catalog.upenn.edu/attributes/anlt/>)
- MELC Arabic and Hebrew Concentration Course (ANAH) (<http://catalog.upenn.edu/attributes/anah/>)
- MELC Arabic and Islamic Concentration Course (ANAC) (<http://catalog.upenn.edu/attributes/anac/>)
- MELC Arabic and Islamic History (ANAI) (<http://catalog.upenn.edu/attributes/anai/>)
- MELC Arabic and Islamic Literature (ANAT) (<http://catalog.upenn.edu/attributes/anat/>)
- MELC Arabic and Islamic Religion (ANAR) (<http://catalog.upenn.edu/attributes/anar/>)
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- MELC Egyptian Languages (ANEL) (<http://catalog.upenn.edu/attributes/anel/>)
- MELC Hebrew/Judaica Biblical Literature (ANHB) (<http://catalog.upenn.edu/attributes/anhb/>)
- MELC Hebrew/Judaica Concentration Course (ANHC) (<http://catalog.upenn.edu/attributes/anhc/>)
- MELC Hebrew/Judaica Modern Hebrew Literature (ANHM) (<http://catalog.upenn.edu/attributes/anhm/>)
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- MELC Persian History (ANPH) (<http://catalog.upenn.edu/attributes/anph/>)
- MELC Persian Literature (ANPL) (<http://catalog.upenn.edu/attributes/anpl/>)
- MELC PhD Ancient Egypt Language & Literature (HDEL) (<http://catalog.upenn.edu/attributes/hdel/>)
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- MELC PhD Arch Int&Tchs (HDAI) (<http://catalog.upenn.edu/attributes/hdai/>)
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M

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- MATH Elective (AMMR) (<http://catalog.upenn.edu/attributes/ammr/>)
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- MBIOT BioTech I Course (EMBT) (<http://catalog.upenn.edu/attributes/embt/>)
- MBIOT BTP Advance Elective (EMMA) (<http://catalog.upenn.edu/attributes/emma/>)

- MELC PhD Art & Clt AncEg (HDEA) (<http://catalog.upenn.edu/attributes/hdea/>)
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- MELC PhD History Ancient Egypt (HDAH) (<http://catalog.upenn.edu/attributes/hdah/>)
- MELC PhD History&Culture (HDHC) (<http://catalog.upenn.edu/attributes/hdhc/>)
- MELC PhD Islamics (HDNI) (<http://catalog.upenn.edu/attributes/hdni/>)
- MELC PhD Language of Ancient Egypt (HDHL) (<http://catalog.upenn.edu/attributes/hdhl/>)
- MELC PhD Mesopotamia History & Culture (HDMC) (<http://catalog.upenn.edu/attributes/hdmc/>)
- MELC PhD Mesopotamia Language (HDML) (<http://catalog.upenn.edu/attributes/hdml/>)
- MES Biology Elective (BMEB) (<http://catalog.upenn.edu/attributes/bmeb/>)
- MES Envi Resilience and Adaptation Elective (BMER) (<http://catalog.upenn.edu/attributes/bmer/>)
- MES Environmental Policy Elective (BMEP) (<http://catalog.upenn.edu/attributes/bmep/>)
- MES Environmental Sustainability Elective (BMES) (<http://catalog.upenn.edu/attributes/bmes/>)
- MES Resource Management Elective (BMEM) (<http://catalog.upenn.edu/attributes/bmem/>)
- MES Urban Environment Elective (BMEU) (<http://catalog.upenn.edu/attributes/bmeu/>)
- MHP Health Policy Elective (MMPH) (<http://catalog.upenn.edu/attributes/mmhp/>)
- MIPD Business Elective (EMIB) (<http://catalog.upenn.edu/attributes/emib/>)
- MIPD Design Elective (EMID) (<http://catalog.upenn.edu/attributes/emid/>)
- MIPD Engineering Elective (EMIE) (<http://catalog.upenn.edu/attributes/emie/>)
- MMES Modern Middle East Stud - Foundation Course (AMMF) (<http://catalog.upenn.edu/attributes/ammf/>)
- MMES Modern Middle East Stud - Humanities Distrib (AMMH) (<http://catalog.upenn.edu/attributes/ammh/>)
- MMES Modern Middle East Stud - Research Seminars (AMRS) (<http://catalog.upenn.edu/attributes/amrs/>)
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- MPH Generalist Track Required Track Elective (MMPN) (<http://catalog.upenn.edu/attributes/mmpn/>)
- MPH Global Health Elective (MMPW) (<http://catalog.upenn.edu/attributes/mmpw/>)
- MPH Global Health Track Required Track Elective (MMPH) (<http://catalog.upenn.edu/attributes/mmph/>)
- MPH One Health Track Required Track Elective (MMPO) (<http://catalog.upenn.edu/attributes/mmppo/>)
- MPH Public Health Elective (MMPU) (<http://catalog.upenn.edu/attributes/mmpu/>)
- MPHY Elective (MMME) (<http://catalog.upenn.edu/attributes/mmme/>)
- MSAG Engineering Geology Elective (BMGN) (<http://catalog.upenn.edu/attributes/bmgn/>)
- MSAG Engineering Geology Foundation Elective (BMGE) (<http://catalog.upenn.edu/attributes/bmge/>)
- MSAG Environmental Geology Elective (BMGV) (<http://catalog.upenn.edu/attributes/bmgv/>)
- MSAG Geochemistry Foundation Area (BMGG) (<http://catalog.upenn.edu/attributes/bmgg/>)
- MSAG Geocomputations Foundation Area (BMGC) (<http://catalog.upenn.edu/attributes/bmgc/>)
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- MSAG Hydrogeology Elective (BMGO) (<http://catalog.upenn.edu/attributes/bmgo/>)
- MSCE Elective (MMCE) (<http://catalog.upenn.edu/attributes/mmce/>)
- MSE CBE Elective (EMCE) (<http://catalog.upenn.edu/attributes/emce/>)
- MSE IPD Business Elective (EMIU) (<http://catalog.upenn.edu/attributes/emiu/>)
- MSE IPD Design Elective (EMIS) (<http://catalog.upenn.edu/attributes/emis/>)
- MSE IPD Engineer Elective (EMIG) (<http://catalog.upenn.edu/attributes/emig/>)
- MSE Robo Technology Elective (EMRT) (<http://catalog.upenn.edu/attributes/emrt/>)
- MSE Robotics General Elective (EMRE) (<http://catalog.upenn.edu/attributes/emre/>)
- MSOD Applications (BMOA) (<http://catalog.upenn.edu/attributes/bmoa/>)
- MSOD Foundations (BMOF) (<http://catalog.upenn.edu/attributes/bmof/>)
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- MSSE Elective (EMME) (<http://catalog.upenn.edu/attributes/emme/>)
- MTR Bioinformatics Elective (MMTB) (<http://catalog.upenn.edu/attributes/mmtb/>)
- MTR Discovery Elective (MMTD) (<http://catalog.upenn.edu/attributes/mmtd/>)
- MTR Entrepreneurial Science Elective (MMTE) (<http://catalog.upenn.edu/attributes/mmte/>)
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- MUSC Music Tier Two Course (AMTW) (<http://catalog.upenn.edu/attributes/amtw/>)

N

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- NRSC Computational Neuroscience and Cog Sci Minor (ABBC) (<http://catalog.upenn.edu/attributes/abbc/>)
- NRSC Computational Neuroscience Application Minor (ABBA) (<http://catalog.upenn.edu/attributes/abba/>)
- NRSC Computational Neuroscience Math Found Minor (ABBF) (<http://catalog.upenn.edu/attributes/abbf/>)
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- NU FCH Department (NUFC) (<http://catalog.upenn.edu/attributes/nufc/>)
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- NU Global Health Minor Language (NUGL) (<http://catalog.upenn.edu/attributes/nugl/>)
- NU Health Comm Minor Elective (NUHC) (<http://catalog.upenn.edu/attributes/nuhc/>)
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- NU Nursing and Health Services Management Minor Wharton Elective (NUWE) (<http://catalog.upenn.edu/attributes/nuwe/>)
- NU Nursing and Health Services Mgmt Minor Add Elec (NUHE) (<http://catalog.upenn.edu/attributes/nuhe/>)
- NU Nursing Elective (NUEC) (<http://catalog.upenn.edu/attributes/nuec/>)
- NU Nutrition Major Elective (NUNE) (<http://catalog.upenn.edu/attributes/nune/>)
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- ROML French Research Requirement (ARLF) (<http://catalog.upenn.edu/attributes/arlf/>)
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S

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- SEAS Mathematics Elective (EUMA) (<http://catalog.upenn.edu/attributes/euma/>)
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R

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V

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