

# 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/aaam/>)
- ANTH Cultural and Linguistics (AACL) (<http://catalog.upenn.edu/attributes/aacl/>)
- ANTH Environmental Anthropology (AAEA) (<http://catalog.upenn.edu/attributes/aaea/>)
- ANTH Material Worlds, Landscapes, Archaeology (AAMW) (<http://catalog.upenn.edu/attributes/aamw/>)
- 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/aاني/>)
- ANTH Native Amer & Indigenous Stds Minor Thematic (AANA) (<http://catalog.upenn.edu/attributes/aانا/>)
- ANTH Political Ecology (AAPE) (<http://catalog.upenn.edu/attributes/aape/>)
- ANTH Psychoanalytic Studies Minor Related (AAPS) (<http://catalog.upenn.edu/attributes/aaps/>)
- ANTH Science, Technology and Environment (AAST) (<http://catalog.upenn.edu/attributes/aast/>)
- ARTH Ancient (AHAA) (<http://catalog.upenn.edu/attributes/ahaa/>)
- ARTH Elective Major/Minor (AHAE) (<http://catalog.upenn.edu/attributes/ahae/>)
- ARTH Geographic Non-Western (AHAG) (<http://catalog.upenn.edu/attributes/ahag/>)
- ARTH Medieval/Renaissance (AHAR) (<http://catalog.upenn.edu/attributes/ahar/>)
- ARTH Modern (AHAM) (<http://catalog.upenn.edu/attributes/aham/>)
- 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/aasr/>)
- 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/bcds/>)
- 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/>)
- 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. - CrossCultural Analysis (AUCC) (<http://catalog.upenn.edu/attributes/aucc/>)
- COL Foundational Appr. - Foreign Language Req (AUFL) (<http://catalog.upenn.edu/attributes/aufl/>)
- COL Foundational Appr. - Formal Reason&Analysis (AUFR) (<http://catalog.upenn.edu/attributes/aufr/>)
- COL Foundational Appr. - Quant 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&Soc Sci (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 - Physical World (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/>)
- 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/acao/>)
- 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/>)

## 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/>)
- 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 Clscal Stds Civilizt & Lang: Spec Cluster 3 (ACLS) (<http://catalog.upenn.edu/attributes/acls/>)
- CLST Clscal Stds Med Arch Track: Adv Med Arch (ACLV) (<http://catalog.upenn.edu/attributes/aclv/>)
- CLST Clscal Stds Med Arch Track: Arch Sci Course (ACLA) (<http://catalog.upenn.edu/attributes/acla/>)
- CLST Clscal Stds Med Arch Track: Intro Med Arch (ACLI) (<http://catalog.upenn.edu/attributes/acli/>)
- CLST Theory Course in Archaeology (ACLT) (<http://catalog.upenn.edu/attributes/aclt/>)
- 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 Theory Elective (ACLH) (<http://catalog.upenn.edu/attributes/aclh/>)

- 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/hpcr/>)
- CRIM SocioPolitical (ACRS) (<http://catalog.upenn.edu/attributes/acrs/>)

## D

- 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 Design Cert Energy Management (FCEM) (<http://catalog.upenn.edu/attributes/fcem/>)
- DSGN Design Cert Integrated Professional Design (FCID) (<http://catalog.upenn.edu/attributes/fcid/>)
- DSGN Design CERT IPD Bus Elective (FCIB) (<http://catalog.upenn.edu/attributes/fcib/>)
- DSGN Design Cert IPD Engineering Elective (FCIE) (<http://catalog.upenn.edu/attributes/fcie/>)
- DSGN Design CERT TB&IM Elective (FCTB) (<http://catalog.upenn.edu/attributes/fctb/>)
- DSGN Design Masters ARCH Elective (FMAR) (<http://catalog.upenn.edu/attributes/fmar/>)
- DSGN Design Masters CPLN Elective (FMCP) (<http://catalog.upenn.edu/attributes/fmcp/>)
- DSGN Design Masters HSPV Elective (FMHP) (<http://catalog.upenn.edu/attributes/fmhp/>)
- DSGN Design Masters LARP Elective (FMLA) (<http://catalog.upenn.edu/attributes/fmla/>)
- DSGN Design MFA Elective (FMAE) (<http://catalog.upenn.edu/attributes/fmae/>)
- 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/>)
- 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 (AECS) (<http://catalog.upenn.edu/attributes/aecs/>)
- 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/>)
- 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/aese/>)
- 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 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/euen/>)

## F

- FIGS PhD Topic Course (HPFT) (<http://catalog.upenn.edu/attributes/hpft/>)
- First Year Seminar (AUFS) (<http://catalog.upenn.edu/attributes/aufs/>)
- 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 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 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/>)

## H

- GSWS Major Related (AGGR) (<http://catalog.upenn.edu/attributes/aggr/>)
- GSWS Theory (AGWT) (<http://catalog.upenn.edu/attributes/agwt/>)
- 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/>)
- HIST Concentration in Diplomatic History (AHCD) (<http://catalog.upenn.edu/attributes/ahcd/>)
- HIST Concentration in Diplomatic History Related (AHDR) (<http://catalog.upenn.edu/attributes/ahdr/>)
- HIST Concentration in Economic History (AHCC) (<http://catalog.upenn.edu/attributes/ahcc/>)
- 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/>)
- HIST Concentration in Gender History (AHCG) (<http://catalog.upenn.edu/attributes/ahcg/>)
- HIST Concentration in Gender History Related (AHGR) (<http://catalog.upenn.edu/attributes/ahgr/>)
- HIST Concentration in Intellectual History (AHCI) (<http://catalog.upenn.edu/attributes/ahci/>)
- HIST Concentration in Intellectual History Related (AHIR) (<http://catalog.upenn.edu/attributes/ahir/>)
- HIST Concentration in Jewish History (AHCJ) (<http://catalog.upenn.edu/attributes/ahcj/>)
- HIST Concentration in World History (AHCW) (<http://catalog.upenn.edu/attributes/ahcw/>)
- HIST Concentration in World History Related (AHWR) (<http://catalog.upenn.edu/attributes/ahwr/>)
- HIST East Asia and South Asia (AHES) (<http://catalog.upenn.edu/attributes/ahes/>)
- HIST Europe and Australia (AHEA) (<http://catalog.upenn.edu/attributes/ahea/>)
- HIST Global Issues (AHGI) (<http://catalog.upenn.edu/attributes/ahgi/>)
- HIST Latin America and the Caribbean (AHLA) (<http://catalog.upenn.edu/attributes/ahla/>)
- HIST Political History (AHPO) (<http://catalog.upenn.edu/attributes/ahpo/>)
- HIST Political History Related (AHPR) (<http://catalog.upenn.edu/attributes/ahpr/>)
- HIST Pre-1800 (AH18) (<http://catalog.upenn.edu/attributes/ah18/>)
- HIST Seminar (AHSM) (<http://catalog.upenn.edu/attributes/ahsm/>)
- 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/>)
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- HSOC Philosophical/Ethical (AHSH) (<http://catalog.upenn.edu/attributes/ahsh/>)
- HSOC Political Economy (AHSO) (<http://catalog.upenn.edu/attributes/ahso/>)
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- HSOC Public Health Elective (AHPE) (<http://catalog.upenn.edu/attributes/ahpe/>)
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- HSSC PHD MED Subfield (HDHM) (<http://catalog.upenn.edu/attributes/hdhm/>)
- HSSC PHD Pre 1800 Devs (HDH8) (<http://catalog.upenn.edu/attributes/hdh8/>)
- HSSC PHD Research Seminar (HDHR) (<http://catalog.upenn.edu/attributes/hdhr/>)
- 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 History (AIRH) (<http://catalog.upenn.edu/attributes/airh/>)
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- INTR Non-Western Elective (AIRN) (<http://catalog.upenn.edu/attributes/airn/>)

## J

- JWST Jewish Studies - Biblical and Literature (AJST) (<http://catalog.upenn.edu/attributes/ajst/>)
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- JWST Jewish Studies - Modern and Literature (AJSV) (<http://catalog.upenn.edu/attributes/ajsv/>)
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- 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/>)

## L

- LALX Criticism (ALCR) (<http://catalog.upenn.edu/attributes/alcr/>)
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- 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/>)
- Law JD Core MBE Elective (LJBE) (<http://catalog.upenn.edu/attributes/ljbe/>)
- Law JD Experiential Learning (LJEL) (<http://catalog.upenn.edu/attributes/ljel/>)
- Law JD Experiential Learning II (LJE2) (<http://catalog.upenn.edu/attributes/lje2/>)
- Law JD Regulatory/Administrative Elective (LJRA) (<http://catalog.upenn.edu/attributes/ljra/>)

- 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 MSOD Global and Cultural Organization (BMOG) (<http://catalog.upenn.edu/attributes/bmog/>)
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- LPS MSOD Leading and Managing through Change (BMOC) (<http://catalog.upenn.edu/attributes/bmoc/>)
- LPS MSOD Organizational Coaching (BMOO) (<http://catalog.upenn.edu/attributes/bmoo/>)
- LPS MSOD Sustainable Development (BMOS) (<http://catalog.upenn.edu/attributes/bmos/>)
- MELC Arabic and Islamic Religion (ANAR) (<http://catalog.upenn.edu/attributes/anar/>)
- MELC Biblical Hebrew Languages (ANBH) (<http://catalog.upenn.edu/attributes/anbh/>)
- 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/>)
- MELC Hebrew/Judaica Rabbinic/Medieval Literature (ANHR) (<http://catalog.upenn.edu/attributes/anhr/>)
- MELC Mesopotamian Languages (ANML) (<http://catalog.upenn.edu/attributes/anml/>)
- MELC Persian Concentration Course (ANPC) (<http://catalog.upenn.edu/attributes/anpc/>)
- MELC Persian History (ANPH) (<http://catalog.upenn.edu/attributes/anph/>)
- MELC Persian Literature (ANPL) (<http://catalog.upenn.edu/attributes/anpl/>)
- MELC PhD History&Culture (HDHC) (<http://catalog.upenn.edu/attributes/hdhc/>)
- MELC PhD Islamic Studies (HDNI) (<http://catalog.upenn.edu/attributes/hdni/>)
- 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/>)
- MMES Modern Middle East Stud - Social Sci Distrib (AMMS) (<http://catalog.upenn.edu/attributes/amms/>)
- MPH Environmental Health Track (MMPE) (<http://catalog.upenn.edu/attributes/mmpe/>)

## M

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- MAEC Mathematics Elective (AMAM) (<http://catalog.upenn.edu/attributes/amam/>)
- MATH Elective (AMMR) (<http://catalog.upenn.edu/attributes/ammr/>)
- MATH Outside Math Related (AMOR) (<http://catalog.upenn.edu/attributes/amor/>)
- MBIOT BioTech I Course (EMBT) (<http://catalog.upenn.edu/attributes/embt/>)
- MBIOT BTP Advance Elective (EMMA) (<http://catalog.upenn.edu/attributes/emma/>)
- 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/>)
- 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/>)
- MELC Ancient Middle East Concentration Course (ANNE) (<http://catalog.upenn.edu/attributes/anne/>)
- 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/>)



- MPH Generalist Track (MMPG) (<http://catalog.upenn.edu/attributes/mmpg/>)
  - 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/mmpo/>)
  - 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/>)
  - MSAG Geomechanics Foundation Area (BMGM) (<http://catalog.upenn.edu/attributes/bmgm/>)
  - MSAG Ground Water Hydrology Elective (BMGH) (<http://catalog.upenn.edu/attributes/bmgh/>)
  - 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/>)
  - MTR Therapeutics and Regulation Elective (MMTR) (<http://catalog.upenn.edu/attributes/mmtr/>)
  - MUSC Jazz and Popular Music Elective (AMJP) (<http://catalog.upenn.edu/attributes/amjp/>)
  - MUSC Minor Music Related (AMRE) (<http://catalog.upenn.edu/attributes/amre/>)
  - MUSC Music Tier Three Course (AMTH) (<http://catalog.upenn.edu/attributes/amth/>)
  - MUSC Music Tier Two Course (AMTW) (<http://catalog.upenn.edu/attributes/amtw/>)
- ## N
- NRSC Cellular Neuroscience (ABBU) (<http://catalog.upenn.edu/attributes/abbu/>)
  - NRSC Comp Neuroscience Theory & Modeling Minor (ABBT) (<http://catalog.upenn.edu/attributes/abbt/>)
  - 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/>)
  - NRSC Major Elective (ABBM) (<http://catalog.upenn.edu/attributes/abbm/>)
  - NRSC Minor Course Elective (<http://catalog.upenn.edu/attributes/abbn/>)
  - NRSC Systems and Behavior (ABBS) (<http://catalog.upenn.edu/attributes/abbs/>)
  - NRSCHealthcare Management Elective Minor (ABBH) (<http://catalog.upenn.edu/attributes/abbh/>)
  - NU BHS Department (NUBH) (<http://catalog.upenn.edu/attributes/nubh/>)
  - NU FCH Department (NUFC) (<http://catalog.upenn.edu/attributes/nufc/>)
  - NU Global Health Minor Elective (NUGH) (<http://catalog.upenn.edu/attributes/nugh/>)
  - NU Global Health Minor Language (NUGL) (<http://catalog.upenn.edu/attributes/nugl/>)
  - NU Health Comm Minor Elective (NUHC) (<http://catalog.upenn.edu/attributes/nuhc/>)
  - NU History, Health and the Humanities Minor Elective (NUHH) (<http://catalog.upenn.edu/attributes/nuhh/>)
  - NU MSN Health Care Admin Business Elective (NMHB) (<http://catalog.upenn.edu/attributes/nmhb/>)
  - NU MSN Leadership Elective (NMLE) (<http://catalog.upenn.edu/attributes/nmle/>)
  - NU Nursing and Health Services Management Minor Nursing Elective (NUNH) (<http://catalog.upenn.edu/attributes/nunh/>)
  - 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/>)

- NU Nutrition Minor Elective (NUNM) (<http://catalog.upenn.edu/attributes/nunm/>)
- NU PhD Concentration Class (NDCC) (<http://catalog.upenn.edu/attributes/ndcc/>)
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## P

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- PHIL Natural, Social Sci, or Hist & Socio of Sci (APNS) (<http://catalog.upenn.edu/attributes/apns/>)
- PHIL PhD History of Philosophy (HDPH) (<http://catalog.upenn.edu/attributes/hdph/>)
- PHIL PhD Mtpphys&Epstlgy (HDPM) (<http://catalog.upenn.edu/attributes/hdpm/>)
- PHIL PhD Value Theory (HDPV) (<http://catalog.upenn.edu/attributes/hdpv/>)
- PHIL Phil Related MPP (APLR) (<http://catalog.upenn.edu/attributes/aplr/>)
- PHIL Philosophy of Science or Math (APLS) (<http://catalog.upenn.edu/attributes/apls/>)
- PHIL Related General Philosophy (APLG) (<http://catalog.upenn.edu/attributes/aplg/>)
- PHIL Theoretical Philosophy (APLT) (<http://catalog.upenn.edu/attributes/aplt/>)
- PHIL Value Theory (APLV) (<http://catalog.upenn.edu/attributes/aplv/>)
- PHYS ADV ASTR Course (APHA) (<http://catalog.upenn.edu/attributes/apha/>)
- PHYS Comp Tech (APHC) (<http://catalog.upenn.edu/attributes/aphc/>)
- PHYS Computer Elective (APHE) (<http://catalog.upenn.edu/attributes/aphe/>)
- PHYS LAB Course (APHL) (<http://catalog.upenn.edu/attributes/aphl/>)
- PPE Choice and Behavior (APPC) (<http://catalog.upenn.edu/attributes/appc/>)
- PPE Distributive Justice (APPJ) (<http://catalog.upenn.edu/attributes/appj/>)
- PPE Ethics & Professions (APPE) (<http://catalog.upenn.edu/attributes/appe/>)

- PPE Globalization (APPG) (<http://catalog.upenn.edu/attributes/appg/>)
- PPE Philosophy Foundation (APPF) (<http://catalog.upenn.edu/attributes/appf/>)
- PPE Political Science (APPP) (<http://catalog.upenn.edu/attributes/appp/>)
- PPE Political Theory (APPT) (<http://catalog.upenn.edu/attributes/appt/>)
- PPE Public Policy & Governance (APPU) (<http://catalog.upenn.edu/attributes/appu/>)
- PSCI American Politics (APSA) (<http://catalog.upenn.edu/attributes/apsa/>)
- PSCI Comparative Politics (APSC) (<http://catalog.upenn.edu/attributes/apsc/>)
- PSCI International Relations (APSI) (<http://catalog.upenn.edu/attributes/apsi/>)
- PSCI Minor American Public Policy (APAP) (<http://catalog.upenn.edu/attributes/apap/>)
- PSCI Minor International Development Minor (APID) (<http://catalog.upenn.edu/attributes/apid/>)
- PSCI Minor Survey Research and Analytics (APSU) (<http://catalog.upenn.edu/attributes/apsu/>)
- PSCI PhD American Politics (HDKA) (<http://catalog.upenn.edu/attributes/hdka/>)
- PSCI PhD Comparative Politics (HDPC) (<http://catalog.upenn.edu/attributes/hdpc/>)
- PSCI PhD International Relations (HDPI) (<http://catalog.upenn.edu/attributes/hdpi/>)
- PSCI PhD Political Theory (HDPT) (<http://catalog.upenn.edu/attributes/hdpt/>)
- PSCI Political Economy (APSE) (<http://catalog.upenn.edu/attributes/apse/>)
- PSCI Political Science Related Course (APSR) (<http://catalog.upenn.edu/attributes/apsr/>)
- PSCI Political Theory (APST) (<http://catalog.upenn.edu/attributes/apst/>)
- PSYC Biological Psychology (APCI) (<http://catalog.upenn.edu/attributes/apci/>)
- PSYC Cognitive Psychology (APCC) (<http://catalog.upenn.edu/attributes/apcc/>)
- PSYC Consumer Psychology Minor Marketing Elective (APCN) (<http://catalog.upenn.edu/attributes/apcn/>)
- PSYC Consumer Psychology Minor Psychology Elective (APCP) (<http://catalog.upenn.edu/attributes/apcp/>)
- PSYC Major Related Elective (APMR) (<http://catalog.upenn.edu/attributes/apmr/>)
- PSYC Social Psychology (APCS) (<http://catalog.upenn.edu/attributes/apcs/>)

## R

- REES 1801-1899 (AREM) (<http://catalog.upenn.edu/attributes/arem/>)
- REES Art History Content (AREA) (<http://catalog.upenn.edu/attributes/area/>)
- REES Cinema Studies Content (AREC) (<http://catalog.upenn.edu/attributes/arec/>)

- REES Eastern Europe (AREE) (<http://catalog.upenn.edu/attributes/aree/>)
- REES History Content (AREH) (<http://catalog.upenn.edu/attributes/areh/>)
- REES Literature Content (AREL) (<http://catalog.upenn.edu/attributes/arel/>)
- REES Minor Comparative (ARET) (<http://catalog.upenn.edu/attributes/aret/>)
- REES Political Science Content (ARES) (<http://catalog.upenn.edu/attributes/ares/>)
- REES Post 1900 (AREJ) (<http://catalog.upenn.edu/attributes/arej/>)
- REES Prior to 1800 (AREP) (<http://catalog.upenn.edu/attributes/arep/>)
- REES Russia (ARER) (<http://catalog.upenn.edu/attributes/arer/>)
- REES Social Science (AREO) (<http://catalog.upenn.edu/attributes/areo/>)
- RELS Religious Studies Related (ARRS) (<http://catalog.upenn.edu/attributes/arrs/>)
- RELS Religious Studies Seminars (ARSS) (<http://catalog.upenn.edu/attributes/arss/>)
- ROML French Research Requirement (ARLF) (<http://catalog.upenn.edu/attributes/arlf/>)
- ROML Italian Elective (ARLI) (<http://catalog.upenn.edu/attributes/arli/>)
- ROML Italian Research Requirement (ARIR) (<http://catalog.upenn.edu/attributes/arir/>)
- ROML Spanish Research Requirement (ARLS) (<http://catalog.upenn.edu/attributes/arls/>)
- SEAS SSE Info Sys Elective (EUSI) (<http://catalog.upenn.edu/attributes/eusi/>)
- SEAS Tech,Business,Society (EUTB) (<http://catalog.upenn.edu/attributes/eutb/>)
- SNF Paideia Course (UNPP) (<http://catalog.upenn.edu/attributes/unpp/>)
- SOCI Applied Research Methods and Data Analysis (ASRM) (<http://catalog.upenn.edu/attributes/asrm/>)
- SOCI Cities, Markets and Global Economy (ASCM) (<http://catalog.upenn.edu/attributes/ascm/>)
- SOCI Culture and Diversity (ASCD) (<http://catalog.upenn.edu/attributes/ascd/>)
- SOCI Family Gender and Society (ASFG) (<http://catalog.upenn.edu/attributes/asfg/>)
- SOCI Global and International Studies (ASOG) (<http://catalog.upenn.edu/attributes/asog/>)
- SOCI Law and Society (ASLS) (<http://catalog.upenn.edu/attributes/asls/>)
- SOCI M Law Society (ASOL) (<http://catalog.upenn.edu/attributes/asol/>)
- SOCI Medical Sociology (ASMD) (<http://catalog.upenn.edu/attributes/asmd/>)
- SOCI Population & Immigration (ASPI) (<http://catalog.upenn.edu/attributes/aspi/>)
- SOCI Quantitative Methods (ASOQ) (<http://catalog.upenn.edu/attributes/asoq/>)
- SOCI Sociology Advanced Methods (ASAM) (<http://catalog.upenn.edu/attributes/asam/>)
- SOCI Sociology Major Related Elective (ASOM) (<http://catalog.upenn.edu/attributes/asom/>)
- SOCI Sociology Minor Medical Sociology (ASMS) (<http://catalog.upenn.edu/attributes/asms/>)
- SOCI Sociology of Culture (ASOC) (<http://catalog.upenn.edu/attributes/asoc/>)
- SOCI Sociology of Families and Populations (ASOF) (<http://catalog.upenn.edu/attributes/asof/>)
- SOCI Sociology of Health and Medicine (ASOH) (<http://catalog.upenn.edu/attributes/asoh/>)
- SOCI Structures of Opportunity and Inequality (ASOI) (<http://catalog.upenn.edu/attributes/asoi/>)
- SOCI Structures of Opportunity and Inequality (ASSO) (<http://catalog.upenn.edu/attributes/asso/>)
- SOCI Urban Sociology (ASOU) (<http://catalog.upenn.edu/attributes/asou/>)
- SP2 MSSP Theory Elective (SMST) (<http://catalog.upenn.edu/attributes/smst/>)
- SP2 MSW Policy Option (SMWP) (<http://catalog.upenn.edu/attributes/smwp/>)
- SP2 MSW Research Option (SMWR) (<http://catalog.upenn.edu/attributes/smwr/>)
- SP2 Nonprofit Core (SMNC) (<http://catalog.upenn.edu/attributes/smnc/>)
- SP2 Nonprofit Elective (SMNE) (<http://catalog.upenn.edu/attributes/smne/>)
- STSC Bio Technology and Biomedicine Concentration (ASTB) (<http://catalog.upenn.edu/attributes/astb/>)

## S

- SAST South Asian Major Related (ASAR) (<http://catalog.upenn.edu/attributes/asar/>)
- Scholars Capstone (UNCP) (<http://catalog.upenn.edu/attributes/uncp/>)
- Scholars Research (UNCR) (<http://catalog.upenn.edu/attributes/uncr/>)
- Scholars Social Issues (UNCS) (<http://catalog.upenn.edu/attributes/uncs/>)
- SCMP Area Technology Elective (EMST) (<http://catalog.upenn.edu/attributes/emst/>)
- SEAS Humanities (EUHS) (<http://catalog.upenn.edu/attributes/euhs/>)
- SEAS Math/Science/Engrng (EUMS) (<http://catalog.upenn.edu/attributes/eums/>)
- SEAS Mathematics Elective (EUMA) (<http://catalog.upenn.edu/attributes/euma/>)
- SEAS Natural Science (EUNS) (<http://catalog.upenn.edu/attributes/euns/>)
- SEAS NETS Network & Dynamics (EUND) (<http://catalog.upenn.edu/attributes/eund/>)
- SEAS No Engineering Req (EUNE) (<http://catalog.upenn.edu/attributes/eune/>)
- SEAS Social Science (EUSS) (<http://catalog.upenn.edu/attributes/euss/>)
- SEAS SSE Design Elective (EUSD) (<http://catalog.upenn.edu/attributes/eusd/>)

- STSC Elective (ASTL) (<http://catalog.upenn.edu/attributes/astl/>)
- STSC Energy and Environment Elective (ASTE) (<http://catalog.upenn.edu/attributes/aste/>)
- STSC Global Science & Technology Elective (ASTG) (<http://catalog.upenn.edu/attributes/astg/>)
- STSC Information and Organizations Elective (ASTI) (<http://catalog.upenn.edu/attributes/asti/>)
- STSC Science, Nature and Culture Concentration (ASTS) (<http://catalog.upenn.edu/attributes/asts/>)

## T

- THAR Advanced Topics (ATAT) (<http://catalog.upenn.edu/attributes/atat/>)
- THAR Elective (ATEL) (<http://catalog.upenn.edu/attributes/atel/>)
- THAR Minor Academic Course (ATNA) (<http://catalog.upenn.edu/attributes/atna/>)
- THAR Minor Practical Course (ATNP) (<http://catalog.upenn.edu/attributes/atnp/>)

## U

- URBS Comparative and Theoretical Dimensions (ARCT) (<http://catalog.upenn.edu/attributes/arct/>)
- URBS History of Cities (ARHC) (<http://catalog.upenn.edu/attributes/arhc/>)
- URBS Minor Child or Adolescent Development (ARCD) (<http://catalog.upenn.edu/attributes/arcd/>)
- URBS Minor Ed Minor Policy Elective (AREV) (<http://catalog.upenn.edu/attributes/arev/>)
- URBS Minor Elementary Education Track (ARDT) (<http://catalog.upenn.edu/attributes/ardt/>)
- URBS Minor Related Elective (ARMR) (<http://catalog.upenn.edu/attributes/armr/>)
- URBS Minor Secondary Education Track (ARST) (<http://catalog.upenn.edu/attributes/arst/>)
- URBS Minor Urban Context (ARUC) (<http://catalog.upenn.edu/attributes/aruc/>)
- URBS Minor Urban Ed ABCS (ARED) (<http://catalog.upenn.edu/attributes/ared/>)
- URBS Minor URED Capstone (ARCA) (<http://catalog.upenn.edu/attributes/arca/>)
- URBS Public Policy & Governance (ARPP) (<http://catalog.upenn.edu/attributes/arpp/>)
- URBS The Built Environment (ARBE) (<http://catalog.upenn.edu/attributes/arbe/>)
- URBS Urban Economics/Finance (AREF) (<http://catalog.upenn.edu/attributes/aref/>)

## V

- VET Clinical Rotation Elective (VDCR) (<http://catalog.upenn.edu/attributes/vdcr/>)
- VET Large Animal Electives (VDLA) (<http://catalog.upenn.edu/attributes/vdla/>)
- VET Small Animal Electives (VDSA) (<http://catalog.upenn.edu/attributes/vdsa/>)
- VIPER Energy Course (UNVE) (<http://catalog.upenn.edu/attributes/unve/>)

- VLST Architecture Practice and Technology (AVAP) (<http://catalog.upenn.edu/attributes/avap/>)
- VLST Art and Culture of Seeing (AVAC) (<http://catalog.upenn.edu/attributes/avac/>)
- VLST Art, Practice and Technology (AVPT) (<http://catalog.upenn.edu/attributes/avpt/>)
- VLST Philosophy and Science of Seeing (AVPS) (<http://catalog.upenn.edu/attributes/avps/>)

## W

- WH Foreign Lang Req (WUFL) (<http://catalog.upenn.edu/attributes/wufl/>)
- WH MBA Course (WMBA) (<http://catalog.upenn.edu/attributes/wmba/>)
- WH Technology, Innovations, Analytics (WUTI) (<http://catalog.upenn.edu/attributes/wuti/>)
- WH UG ACCT Concentration (WUAC) (<http://catalog.upenn.edu/attributes/wuac/>)
- WH UG BHEC Conc Electives (WUBE) (<http://catalog.upenn.edu/attributes/wube/>)
- WH UG BUAN Conc Electives (WUBN) (<http://catalog.upenn.edu/attributes/wubn/>)
- WH UG BUAN – Advanced Data Analysis (a) (WUBD) (<http://catalog.upenn.edu/attributes/wubd/>)
- WH UG BUAN – Data Collection (c) (WUBC) (<http://catalog.upenn.edu/attributes/wubc/>)
- WH UG BUAN – Optimization (o) (WUBO) (<http://catalog.upenn.edu/attributes/wubo/>)
- WH UG Capstone (WUCP) (<http://catalog.upenn.edu/attributes/wucp/>)
- WH UG CCP Non-US (WUCN) (<http://catalog.upenn.edu/attributes/wucn/>)
- WH UG CCP US (WUCU) (<http://catalog.upenn.edu/attributes/wucu/>)
- WH UG GEBS: Global Economy, Business, Society (WUGE) (<http://catalog.upenn.edu/attributes/wuge/>)
- WH UG Humanities (WUHM) (<http://catalog.upenn.edu/attributes/wuhm/>)
- WH UG JWS: Joseph Wharton Scholars (WUJW) (<http://catalog.upenn.edu/attributes/wujw/>)
- WH UG NSME: Natural Science, Math, Engineering (WUNM) (<http://catalog.upenn.edu/attributes/wunm/>)
- WH UG Statistics Concentration Elective (WUST) (<http://catalog.upenn.edu/attributes/wust/>)
- Wharton M&T Global E,B,&S (WUBS) (<http://catalog.upenn.edu/attributes/wubs/>)
- Wharton MBA Business Analytics Major Elec (WMBS) (<http://catalog.upenn.edu/attributes/wmbs/>)
- Wharton MBA Business Analytics Major Elec Non-WH (WMBU) (<http://catalog.upenn.edu/attributes/wmbu/>)
- Wharton MBA Business Econ & Public Pol Major Elec (WMBE) (<http://catalog.upenn.edu/attributes/wmbe/>)
- Wharton MBA Entrepreneurship & Innov Major Elec (WMEI) (<http://catalog.upenn.edu/attributes/wmei/>)
- Wharton MBA Multinational Management Major Elec (WMMM) (<http://catalog.upenn.edu/attributes/wmmm/>)



- Wharton MBA Org Effectiveness Major Elec (WMOE) (<http://catalog.upenn.edu/attributes/wmoe/>)
- Wharton MBA Preterm (WMPT) (<http://catalog.upenn.edu/attributes/wmpt/>)
- Wharton MBA Real Estate Major Elec (WMRE) (<http://catalog.upenn.edu/attributes/wmre/>)
- Wharton OIDD General Track (WUOG) (<http://catalog.upenn.edu/attributes/wuog/>)
- Wharton Social Imp & Resp (WUSR) (<http://catalog.upenn.edu/attributes/wusr/>)
- Wharton Statistics Minor (WUSM) (<http://catalog.upenn.edu/attributes/wusm/>)
- Wharton UG Actuarial Science Concentration Elec (WUAS) (<http://catalog.upenn.edu/attributes/wuas/>)
- Wharton UG Business Econ & Public Pol Conc Elec (WUBP) (<http://catalog.upenn.edu/attributes/wubp/>)
- Wharton UG Core Flex GenEd (WUFG) (<http://catalog.upenn.edu/attributes/wufg/>)
- Wharton UG Environmental Planning & Mgmt-Non WH (WUEO) (<http://catalog.upenn.edu/attributes/wueo/>)
- Wharton UG Environmental Policy & Mgmt Conc Elec (WUEM) (<http://catalog.upenn.edu/attributes/wuem/>)
- Wharton UG Global Analysis Concentration Elec (WUGA) (<http://catalog.upenn.edu/attributes/wuga/>)
- Wharton UG Health Care Mgmt & Pol Conc Elec (WUHP) (<http://catalog.upenn.edu/attributes/wuhp/>)
- Wharton UG Huntsman Program Elec (WUIS) (<http://catalog.upenn.edu/attributes/wuis/>)
- Wharton UG Management Concentration Elec (WUMG) (<http://catalog.upenn.edu/attributes/wumg/>)
- Wharton UG Management Concentration ENTI Elec (WUEI) (<http://catalog.upenn.edu/attributes/wuei/>)
- Wharton UG Managing E-Commerce Concentration Elec (WUEC) (<http://catalog.upenn.edu/attributes/wuec/>)
- Wharton UG MAOM (WUMO) (<http://catalog.upenn.edu/attributes/wumo/>)
- Wharton UG Marketing & Comm Concentration Elec (WUMC) (<http://catalog.upenn.edu/attributes/wumc/>)
- Wharton UG Marketing Concentration Elec (WUMK) (<http://catalog.upenn.edu/attributes/wumk/>)
- Wharton UG OIDD Decision Process Track Elec (WUDP) (<http://catalog.upenn.edu/attributes/wudp/>)
- Wharton UG OIDD Information Systems Track Elec (WUOI) (<http://catalog.upenn.edu/attributes/wuoi/>)
- Wharton UG OIDD Management Science Track Elec (WUOM) (<http://catalog.upenn.edu/attributes/wuom/>)
- Wharton UG Real Estate Concentration Elec (WURE) (<http://catalog.upenn.edu/attributes/wure/>)
- Wharton UG Retailing Concentration Elec (WURT) (<http://catalog.upenn.edu/attributes/wurt/>)
- Wharton UG Retailing Concentration Marketing Elec (WURM) (<http://catalog.upenn.edu/attributes/wurm/>)
- Wharton UG RETG Design Comp (WURD) (<http://catalog.upenn.edu/attributes/wurd/>)
- Wharton UG SIAR Application (WUSA) (<http://catalog.upenn.edu/attributes/wusa/>)
- Wharton UG Social Impact Concentration Elec (WUSE) (<http://catalog.upenn.edu/attributes/wuse/>)
- Wharton UG Statistics Concentration Elective (WUSS) (<http://catalog.upenn.edu/attributes/wuss/>)
- Wharton Undergraduate Flex Core Course (WUFC) (<http://catalog.upenn.edu/attributes/wufc/>)