**COURSES A-Z**

Courses are organized by subject and include courses at the undergraduate and graduate levels.

Search courses by keyword using the Advanced Course Search (http://catalog.upenn.edu/course-search).

For more information, see the guide to Course Numbering and Academic Credit (http://catalog.upenn.edu/undergraduate/policies-procedures/course-exam/course-numbering-academic-credit) at the University of Pennsylvania.

### A
- Accounting (ACCT) (http://catalog.upenn.edu/courses/acct)
- African Studies Program (AFST) (http://catalog.upenn.edu/courses/afst)
- Africana Studies (AFRC) (http://catalog.upenn.edu/courses/afrc)
- Anatomy (ANAT) (http://catalog.upenn.edu/courses/anat)
- Ancient History (ANCH) (http://catalog.upenn.edu/courses/anch)
- Ancient Near East Languages (ANEL) (http://catalog.upenn.edu/courses/anel)
- Anthropology (ANTH) (http://catalog.upenn.edu/courses/anth)
- Applied Math & Computational Science (AMCS) (http://catalog.upenn.edu/courses/amcs)
- Arabic (ARAB) (http://catalog.upenn.edu/courses/arab)
- Architecture (ARCH) (http://catalog.upenn.edu/courses/arch)
- Art & Archaeology of Mediterranean World (AAMW) (http://catalog.upenn.edu/courses/aamw)
- Art History (ARTH) (http://catalog.upenn.edu/courses/arth)
- Asian American Studies (ASAM) (http://catalog.upenn.edu/courses/asam)
- Asian Languages (ALAN) (http://catalog.upenn.edu/courses/alan)
- Astronomy (ASTR) (http://catalog.upenn.edu/courses/astr)

### B
- Behavioral & Decision Sciences (BDS) (http://catalog.upenn.edu/courses/bds)
- Bengali (BENG) (http://catalog.upenn.edu/courses/beng)
- Biochemistry & Molecular Biophysics (BMB) (http://catalog.upenn.edu/courses/bmb)
- Biochemistry (BCHE) (http://catalog.upenn.edu/courses/bche)
- Bioengineering (BE) (http://catalog.upenn.edu/courses/be)
- Bioethics (BIOE) (http://catalog.upenn.edu/courses/bioe)
- Biological Basis of Behavior (BIBB) (http://catalog.upenn.edu/courses/bibb)
- Biology (BIOL) (http://catalog.upenn.edu/courses/biol)
- Biomedical Graduate Studies (BIOM) (http://catalog.upenn.edu/courses/biom)
- Biomedical Informatics (BMIN) (http://catalog.upenn.edu/courses/bmin)
- Biostatistics (BSTA) (http://catalog.upenn.edu/courses/bsta)
- Biotechnology (BIOT) (http://catalog.upenn.edu/courses/biot)
- Business Economics & Public Policy (BEPP) (http://catalog.upenn.edu/courses/bepp)

### C
- Cell and Molecular Biology (CAMB) (http://catalog.upenn.edu/courses/camb)
- Chemical & Biomolecular Engineering (CBE) (http://catalog.upenn.edu/courses/cbe)
- Chemistry (CHEM) (http://catalog.upenn.edu/courses/chem)
- Chinese (CHIN) (http://catalog.upenn.edu/courses/chin)
- Cinema and Media Studies (CIMS) (http://catalog.upenn.edu/courses/cims)
- City and Regional Planning (CPLN) (http://catalog.upenn.edu/courses/cpln)
- Classical Studies (CLST) (http://catalog.upenn.edu/courses/clst)
- Cognitive Science (COGS) (http://catalog.upenn.edu/courses/cogs)
- College (COLL) (http://catalog.upenn.edu/courses/coll)
- Communications (COMM) (http://catalog.upenn.edu/courses/comm)
- Comparative Literature (COML) (http://catalog.upenn.edu/courses/coml)
- Computer and Information Science (CIS) (http://catalog.upenn.edu/courses/cis)
- Computer and Information Technology (CIT) (http://catalog.upenn.edu/courses/cit)
- Creative Writing (CRWR) (http://catalog.upenn.edu/courses/crwr)
- Criminology (CRIM) (http://catalog.upenn.edu/courses/crim)

### D
- Demography (DEMG) (http://catalog.upenn.edu/courses/demg)
- Dutch (DTCH) (http://catalog.upenn.edu/courses/dtch)

### E
- East Asian Languages & Civilization (EALC) (http://catalog.upenn.edu/courses/ealc)
- East European (EEUR) (http://catalog.upenn.edu/courses/eeur)
- Economics (ECON) (http://catalog.upenn.edu/courses/econ)
- Education (EDUC) (http://catalog.upenn.edu/courses/educ)
- Electrical & Systems Engineering (ESE) (http://catalog.upenn.edu/courses/ese)
- Energy Management and Policy (ENMG) (http://catalog.upenn.edu/courses/enmg)
- Engineering & Applied Science (EAS) (http://catalog.upenn.edu/courses/eas)
- Engineering (ENGR) (http://catalog.upenn.edu/courses/engr)
- Engineering Mathematics (ENM) (http://catalog.upenn.edu/courses/enm)
- English (ENGL) (http://catalog.upenn.edu/courses/engl)
- Environmental Studies (ENVS) (http://catalog.upenn.edu/courses/envs)
- Epidemiology (EPID) (http://catalog.upenn.edu/courses/epid)

### F
- Finance (FNCE) (http://catalog.upenn.edu/courses/fnce)
- Fine Arts (FNAR) (http://catalog.upenn.edu/courses/fnar)
- Folklore (FOLK) (http://catalog.upenn.edu/courses/folk)
- French (FREN) (http://catalog.upenn.edu/courses/fren)
G
- Gender, Sexuality & Women's Studies (GSWS) (http://catalog.upenn.edu/courses/gsws)
- Genomics & Comp. Biology (GCB) (http://catalog.upenn.edu/courses/gcb)
- Geology (GEOG) (http://catalog.upenn.edu/courses/geol)
- Germanic Languages (GRMN) (http://catalog.upenn.edu/courses/grmn)
- Government Administration (GAFL) (http://catalog.upenn.edu/courses/gafl)
- Graduate Arts & Sciences (GAS) (http://catalog.upenn.edu/courses/gas)
- Gujarati (GUJR) (http://catalog.upenn.edu/courses/gujr)
- Hebrew (HEBR) (http://catalog.upenn.edu/courses/hebr)
- Hindi (HIND) (http://catalog.upenn.edu/courses/hind)
- German (GERK) (http://catalog.upenn.edu/courses/gerk)
- Hungarian (HUNA) (http://catalog.upenn.edu/courses/huna)
- Latin (LATN) (http://catalog.upenn.edu/courses/latn)
- Japanese (JPAN) (http://catalog.upenn.edu/courses/jpan)
- Jewish Studies Program (JWST) (http://catalog.upenn.edu/courses/jwst)
- Korean (KORN) (http://catalog.upenn.edu/courses/korn)
- Kurdish (KURD) (http://catalog.upenn.edu/courses/kurd)

H
- Health & Societies (HSOC) (http://catalog.upenn.edu/courses/hsoc)
- Health Care Innovation (HCIN) (http://catalog.upenn.edu/courses/hcin)
- Health Care Management (HCMG) (http://catalog.upenn.edu/courses/hcmg)
- Health Policy Research (HPR) (http://catalog.upenn.edu/courses/hpr)
- Hebrew (HEBR) (http://catalog.upenn.edu/courses/hebr)
- Hindi (HIND) (http://catalog.upenn.edu/courses/hind)
- Historic Preservation (HSPV) (http://catalog.upenn.edu/courses/hspv)
- History & Sociology of Science (HSSC) (http://catalog.upenn.edu/courses/hssc)
- History (HIST) (http://catalog.upenn.edu/courses/hist)
- Hebrew (HEBR) (http://catalog.upenn.edu/courses/hebr)

I
- Immunology (IMUN) (http://catalog.upenn.edu/courses/imun)
- Integrated Product Design (IPD) (http://catalog.upenn.edu/courses/ipd)
- Integrated Studies (INTG) (http://catalog.upenn.edu/courses/intg)
- International MPA (IMPA) (http://catalog.upenn.edu/courses/imp)
- International Relations (INTR) (http://catalog.upenn.edu/courses/intr)
- Italian (ITAL) (http://catalog.upenn.edu/courses/ital)
- Indonesian (INDO) (http://catalog.upenn.edu/courses/indo)

J
- Japanese (JPAN) (http://catalog.upenn.edu/courses/jpan)
- Jewish Studies Program (JWST) (http://catalog.upenn.edu/courses/jwst)
- Hebrew (HEBR) (http://catalog.upenn.edu/courses/hebr)

K
- Korean (KORN) (http://catalog.upenn.edu/courses/korn)
- Kurdish (KURD) (http://catalog.upenn.edu/courses/kurd)

L
- Landscape Architecture & Regional Planning (LARP) (http://catalog.upenn.edu/courses/larp)
- Latin (LATN) (http://catalog.upenn.edu/courses/latn)
- Logic, Information and Computation (LGIC) (http://catalog.upenn.edu/courses/lgic)

M
- Malayalam (MLYM) (http://catalog.upenn.edu/courses/mlym)
- Management (MGMT) (http://catalog.upenn.edu/courses/mgmt)
- Management of Economics (MGEC) (http://catalog.upenn.edu/courses/mgec)
- Marketing (MKTG) (http://catalog.upenn.edu/courses/mktg)
- Master of Chemical Sciences (MCS) (http://catalog.upenn.edu/courses/mcs)
- Master of Science in Social Policy (MSSP) (http://catalog.upenn.edu/courses/mssp)
- Master of Science in Translational Research (MTR) (http://catalog.upenn.edu/courses/mtr)
- Master of Urban Spatial Analytics (MUSA) (http://catalog.upenn.edu/courses/musa)
- Materials Science and Engineering (MUSA) (http://catalog.upenn.edu/courses/musa)
- Mathematics (MATH) (http://catalog.upenn.edu/courses/math)
- Mechanical Engineering and Applied Mechanics (MEAM) (http://catalog.upenn.edu/courses/meam)
- Military Science (MSCI) (http://catalog.upenn.edu/courses/msci)
- Music (MUSC) (http://catalog.upenn.edu/courses/musc)

N
- Nanotechnology (NANO) (http://catalog.upenn.edu/courses/nano)
- Naval Science (NSCI) (http://catalog.upenn.edu/courses/nsce)
- Near Eastern Languages & Civilization (NELC) (http://catalog.upenn.edu/courses/nelc)
- Network and Social Systems Engineering (NETS) (http://catalog.upenn.edu/courses/nets)
- Neuroscience (NGG) (http://catalog.upenn.edu/courses/ngg)
- Nonprofit Leadership (NPLD) (http://catalog.upenn.edu/courses/npld)
- Nursing (NURS) (http://catalog.upenn.edu/courses/nurs)

O
- Operations, Information and Decisions (OIDD) (http://catalog.upenn.edu/courses/oidd)
- Organizational Dynamics (DYNM) (http://catalog.upenn.edu/courses/dynm)

P
- Persian (PERS) (http://catalog.upenn.edu/courses/pers)
- Pharmacology (PHRM) (http://catalog.upenn.edu/courses/phrm)
- Philosophy (PHIL) (http://catalog.upenn.edu/courses/phil)
• Philosophy, Politics, Economics (PPE) (http://catalog.upenn.edu/courses/ppe)
• Physics (PHYS) (http://catalog.upenn.edu/courses/phys)
• Political Science (PSCI) (http://catalog.upenn.edu/courses/psci)
• Portuguese (PRTG) (http://catalog.upenn.edu/courses/prtg)
• Professional Writing (PROW) (http://catalog.upenn.edu/courses/prow)
• Psychology (PSYC) (http://catalog.upenn.edu/courses/psyc)
• Public Health Studies (PUBH) (http://catalog.upenn.edu/courses/pubh)
• Punjabi (PUNJ) (http://catalog.upenn.edu/courses/punj)

Q
• Quechua (QUEC) (http://catalog.upenn.edu/courses/quec)

R
• Real Estate (REAL) (http://catalog.upenn.edu/courses/real)
• Regulation (REG) (http://catalog.upenn.edu/courses/reg)
• Religious Studies (RELS) (http://catalog.upenn.edu/courses/rel)
• Robotics (ROBO) (http://catalog.upenn.edu/courses/robo)
• Romance Languages (ROML) (http://catalog.upenn.edu/courses/roml)
• Russian (RUSS) (http://catalog.upenn.edu/courses/russ)

S
• Sanskrit (SKRT) (http://catalog.upenn.edu/courses/skrt)
• Scandinavian (SCND) (http://catalog.upenn.edu/courses/scnd)
• Science, Technology & Society (STSC) (http://catalog.upenn.edu/courses/stsc)
• Scientific Computing (SCMP) (http://catalog.upenn.edu/courses/scmp)
• Slavic (SLAV) (http://catalog.upenn.edu/courses/slav)
• Social Work (SWRK) (http://catalog.upenn.edu/courses/swrk)
• Sociology (SOCI) (http://catalog.upenn.edu/courses/soci)
• South Asia Studies (SAST) (http://catalog.upenn.edu/courses/sast)
• Spanish (SPAN) (http://catalog.upenn.edu/courses/span)
• Statistics (STAT) (http://catalog.upenn.edu/courses/stat)

T
• Tamil (TAML) (http://catalog.upenn.edu/courses/tamil)
• Telugu (TELU) (http://catalog.upenn.edu/courses/telu)
• Theatre Arts (THAR) (http://catalog.upenn.edu/courses/thar)
• Turkish (TURK) (http://catalog.upenn.edu/courses/turk)

U
• Urban Studies (URBS) (http://catalog.upenn.edu/courses/urbs)
• Urdu (URDU) (http://catalog.upenn.edu/courses/urdu)

V
• Veterinary & Biomedical Sciences (VBMS) (http://catalog.upenn.edu/courses/vbms)
• Veterinary Clinical Studies - Medicine Courses (VMED) (http://catalog.upenn.edu/courses/vmed)