Catalog Contents

• Temple Bulletins 2022-2023
  • Academic Programs
  • Archives
  • Catalog Contents (p. 1)
• Course Descriptions
  • Accounting (ACCT)
  • Actuarial Science (AS)
  • Adult & Organizational Development (AOD)
  • Advanced Core Medical Science (ACMS)
  • Advanced Education (ADVE)
  • Advertising (ADV)
  • Aerospace Studies - Air Force ROTC (AIRF)
  • Africology and African American Studies (AAAS)
  • American Studies (AMST)
  • Anatomy & Cell Biology (Medical School) (ANAT)
  • Anesthesiology (ANES)
  • Anthropology (ANTH)
  • Applied Behavior Analysis (ABA)
  • Arabic (ARBC)
  • Architecture (ARCH)
  • Art (ART)
  • Art - Japan Campus (ARTU)
  • Art Education (ARTE)
  • Art History (ARTH)
  • Art Therapy (ARTT)
  • Asian Studies (ASST)
  • Athletic Training (ATHT)
  • Basic Core Medical Science (BCMS)
  • Bioengineering (BIOE)
  • Biology (BIOL)
  • Biomedical Sciences (Medical) (BMSC)
  • Biomedical Studies (PBMS)
  • Botany (BOT)
  • Boyer College of Music & Dance (BCMD)
  • Business Administration (BA)
  • Business Education (BSED)
  • Career and Technical Education (CTE)
  • Center for the Performing and Cinematic Arts (CFA)
  • Chemistry (CHEM)
  • Chinese (CHI)
  • City and Regional Planning (CTRP)
  • Civil Engineering (CEE)
  • Clinical Sciences and Health Informatics (CSHI)
  • College of Education (COED)
  • College of Liberal Arts (CLA)
  • College of Public Health & School of Social Work (CHP)
  • College of Science and Technology (SCTC)
  • Communication and Social Influence (CSI)
  • Communication Management (CMGT)
  • Communication Sciences and Disorders (CSCD)
Catalog Contents

• Communication Studies (CMST)
• Communications and Theater (COMM)
• Community Arts (CART)
• Community Development (CDEV)
• Community Health and Aging (PCHA)
• Computer & Information Science (CIS)
• Conflict and Communication (CNCM)
• Construction Management Technology (CMT)
• Counseling Psychology (CPSY)
• Criminal Justice (CJ)
• Critical Languages Center (CRIT)
• Cultural Studies (CLST)
• Dance (DANC)
• Dental Public Health Sciences (DPHS)
• Dermatology (DERM)
• Disability Studies (DSST)
• Distributive Education (DSED)
• Early Childhood Education (ECED)
• Earth & Environmental Science (EES)
• Economics (ECON)
• Education (EDUC)
• Educational Administration (EDAD)
• Educational Psychology (EPSY)
• Electrical Engineering (ECE)
• Electrical Engineering Technology (EET)
• Elementary Education (ELED)
• Emergency Medicine (EMMD)
• Engineering (ENGR)
• Engineering (General) (ENGG)
• Engineering Management (EMGT)
• Engineering Technology (ENGT)
• English (ENG)
• English Education (Elementary) (ENEE)
• English Education (Secondary) (ENES)
• Environmental Engineering Technology (ENVT)
• Environmental Health (ENVH)
• Environmental Science (CST) (ENVS)
• Environmental Studies (CLA) (ENST)
• Epidemiology and Biostatistics (EPBI)
• Family & Community Medicine (FAMP)
• Film and Media Arts (FMA)
• Finance (FIN)
• Foreign Language Ed-Secondary (FLED)
• Foundation Program (FDPR)
• French (FREN)
• Gender, Sexuality and Women's Studies (GSWS)
• Geography and Urban Studies (GUS)
• German (GER)
• Global Studies (GBST)
• Globalization and Development Communication (GDC)
• Graduate Advanced Education and General Dentistry (ADVG)
• Graduate Endodontic (ENDG)
• Graduate Orthodontics (ORTG)
• Graduate Periodontics (PERG)
• Graphic Arts and Design (GAD)
• Greek (Ancient) (GRKA)
• Greek (Modern) (GRKM)
• Greek and Roman Classics (GRC)
• Health Information Management (HIM)
• Health Policy and Management (HPM)
• Health Related Professions (HRPR)
• Healthcare Management (HCM)
• Hebrew (HEBR)
• Higher Education (HIED)
• Hindi (HIN)
• History (HIST)
• Honors Program (HNRS)
• Horticulture (HORT)
• Human Development and Community Engagement (HDCE)
• Human Resource Management (HRM)
• Human Services (HS)
• Industrial and Systems Engineering (ISE)
• Instructional Learning Technology (ILT)
• Intellectual Heritage (IH)
• Internal Medicine (INTM)
• International Business Administration (IB)
• International Teaching Assistants (ITA)
• Italian (ITAL)
• Japanese (JPNS)
• Jewish Studies (JST)
• Journalism (JRN)
• Juridical Science (JUSI)
• Juris Doctor (JUDO)
• Kinesiology (KINS)
• Klein College of Media and Communication (KLN)
• Korean (KRN)
• Landscape Architecture (LARC)
• Latin (LAT)
• Latin American Studies (LAS)
• Law - Undergraduate Courses (LAWU)
• Legal Studies (LGLS)
• Lesbian, Gay, Bisexual and Transgender Studies (LGBT)
• LLM American & International (MLAI)
• LLM Freedman Fellows (MLFF)
• LLM Taxation (MLTX)
• LLM Trial Advocacy (MLTA)
• Management Information Systems (MIS)
• Management Science/Operations Management (MSOM)
• Marketing (MKTG)
• Master of Liberal Arts (MLA)
• Math Education (Elementary) (MAEE)
• Math Education (Secondary) (MAES)
• Mathematics (MATH)
• Mechanical Engineering (MEE)
Catalog Contents

- Mechanical Engineering Technology (MET)
- Media and Communication (MMC)
- Media Studies & Production (MSP)
- Medicine Undergraduate Courses (MEDU)
- Middle Grades & Secondary Education (MGSE)
- Middle Grades Education (MGRE)
- Military Science (MLSC)
- Music (MUSC)
- Music Education (MUED)
- Music Studies (MUST)
- Narrative Medicine (NMED)
- Naval Science - Navy ROTC (NAVS)
- Neurology (NEUR)
- Neuromotor Science (NMS)
- Neuroscience - CLA (NSCI)
- Neurosurgery (NESU)
- New Media Interdisciplinary (NMIC)
- Nursing (NURS)
- Nutrition (NUTR)
- Obstetrics, Gynecology & Reproduction (OBGY)
- Occupational Therapy (OTHR)
- Ophthalmology (OPHT)
- Oral Biology (ORBG)
- Oral Health Sciences (OHSC)
- Orthopedic Surgery (ORTS)
- Otorhinology (OTOR)
- Pathology & Lab Medicine (PATH)
- Pediatrics (PEDI)
- Pharmaceutical Sciences (PS)
- Pharmacy Practice (PP)
- Pharmacy Quality Assurance (QARA)
- Philosophy (PHIL)
- Physical Therapy (PHTH)
- Physician Assistant (PA)
- Physics (PHYS)
- Physiology-Biophysics (PHBI)
- Podiatric Clinical Education (PCED)
- Podiatric Interdepartmental (PDID)
- Podiatric Medicine (PDMD)
- Podiatric Orthopedics (PDOR)
- Podiatric Surgery (PDSR)
- Political Science (POLSC)
- Portuguese (PORT)
- ProRanger Program (PRAN)
- Psychiatry & Behavioral Science (PSYM)
- Psychology (PSY)
- Public Policy (PLCY)
- Public Relations (PR)
- Radiation Oncology (RAON)
- Radiology (RADI)
- Real Estate (RE)
- Recreational Therapy (RCTH)
• Rehabilitation Medicine (RHMD)
• Rehabilitation Sciences (REHB)
• Religion (REL)
• Restorative Dentistry (RDNT)
• Risk Management and Insurance (RMI)
• Russian (RUS)
• School of Business and Management (SBM)
• School of Dentistry (DENT)
• School of Medicine (MEDS)
• School of Sport, Tourism & Hospitality Management (STHA)
• School Psychology (SPSY)
• Science Education (Elementary) (SCEE)
• Science Education (Secondary) (SCES)
• Science, Secondary Education (SCSE)
• Secondary Education (SECE)
• Slavic Languages & Literature (SLVC)
• Social and Behavioral Sciences (SBS)
• Social Studies Education (Elementary) (SSEE)
• Social Studies Education (Secondary) (SSES)
• Social Work - Graduate (SSWG)
• Social Work - Undergraduate (SSWU)
• Sociology (SOC)
• Spanish (SPAN)
• Special Education (SPED)
• Sport and Recreation Management (SRM)
• Sport, Tourism and Hospitality Management (STHM)
• Statistics (STAT)
• Strategic Communication (STRC)
• Strategic Management (SGM)
• Study Away Non-TU Program (STAW)
• Supervisory Certification Prog (SUPV)
• Supply Chain Management (SCM)
• Surgery (SURG)
• Teaching English to Speakers of Other Languages (TESL)
• Temple University Japan (TUJ)
• Theater (THTR)
• Theater, Film and Media Arts (TFMA)
• Therapeutic Recreation (THRC)
• Topical Studies (TS)
• Tourism and Hospitality Management (THM)
• TUJ International Business Studies (JIBS)
• Tyler School of Art (TYLE)
• Undergraduate Studies Merit Scholar (USMS)
• University College (UC)
• University Seminar (UNVS)
• Upper Division Honors Program (HONS)
• Urban Bioethics (UBTH)
• Urban Education (URBE)
• Urology (UROL)
• Visual Studies (VS)

• Faculty
• Graduate and Professional
• About the Graduate and Professional Bulletin
• Academic Calendar
• Cost and Aid
• Course Descriptions
  • Accounting (ACCT)
  • Actuarial Science (AS)
  • Adult and Organizational Development (AOD)
  • Advanced Core Medical Science (ACMS)
  • Advanced Education (ADVE)
  • Advertising (ADV)
  • Africology and African American Studies (AAAS)
  • Anatomy & Cell Biology (Medical School) (ANAT)
  • Anesthesiology (ANES)
  • Anthropology (ANTH)
  • Applied Behavior Analysis (ABA)
  • Architecture (ARCH)
  • Art (ART)
  • Art - Japan Campus (ARTU)
  • Art Education (ARTE)
  • Art History (ARTH)
  • Art Therapy (ARTT)
  • Athletic Training (ATHT)
  • Basic Core Medical Science (BCMS)
  • Bioengineering (BIOE)
  • Biology (BIOL)
  • Biomedical Sciences (Medicine) (BMSC)
  • Biomedical Studies (PBMS)
  • Business Administration (BA)
  • Business Education (BSED)
  • Career and Technical Education (CTE)
  • Chemistry (CHEM)
  • City and Regional Planning (CTRP)
  • Civil Engineering (CEE)
  • Clinical Sciences and Health Informatics (CSHI)
  • College of Liberal Arts (CLA)
  • College of Public Health & School of Social Work (CHP)
  • College of Science and Technology (SCTC)
  • Communication Management (CMGT)
  • Communication Sciences and Disorders (CSCD)
  • Community Arts (CART)
  • Community Health and Aging (PCHA)
  • Computer and Information Science (CIS)
  • Conflict and Communication (CNCM)
  • Counseling Psychology (CPSY)
  • Criminal Justice (CJ)
  • Dance (DANC)
  • Dental Public Health Sciences (DPHS)
  • Dermatology (DERM)
  • Disability Studies (DSST)
  • Distributive Education (DSED)
  • Early Childhood Education (ECED)
  • Earth and Environmental Science (EES)
• Economics (ECON)
• Education (EDUC)
• Educational Administration (EDAD)
• Educational Psychology (EPSY)
• Electrical Engineering (ECE)
• Elementary Education (ELED)
• Emergency Medicine (EMMD)
• Engineering (ENGR)
• Engineering Management (EMGT)
• English (ENG)
• English Education (Elementary) (ENEE)
• English Education (Secondary) (ENES)
• Environmental Health (ENVH)
• Epidemiology and Biostatistics (EPBI)
• Family & Community Medicine (FAMP)
• Film and Media Arts (FMA)
• Finance (FIN)
• Foreign Language Education (Secondary) (FLED)
• Gender, Sexuality and Women’s Studies (GSWS)
• Geography and Urban Studies (GUS)
• Globalization and Development Communication (GDC)
• Graduate Advanced Education and General Dentistry (ADVG)
• Graduate Endodontic (ENDG)
• Graduate Orthodontics (ORTG)
• Graduate Periodontics (PERG)
• Graphic Arts and Design (GAD)
• Health Information Management (HIM)
• Health Policy and Management (HPM)
• Health Related Professions (HRPR)
• Healthcare Management (HCM)
• Higher Education (HIED)
• History (HIST)
• Horticulture (HORT)
• Human Resource Management (HRM)
• Human Services (HS)
• Instructional Learning Technology (ILT)
• Internal Medicine (INTM)
• International Business Administration (IB)
• International Teaching Assistants (ITA)
• Journalism (JRN)
• Juridical Science (JUSI)
• Juris Doctor (JUDO)
• Kinesiology (KINS)
• Landscape Architecture (LARC)
• Latin American Studies (LAS)
• Legal Studies (LGLS)
• LLM American & International (MLAI)
• LLM Freedman Fellows (MLFF)
• LLM Taxation (MLTX)
• LLM Trial Advocacy (MLTA)
• Management Information Systems (MIS)
• Management Science/Operations Management (MSOM)
• Marketing (MKTG)
• Master of Liberal Arts (MLA)
• Math Education (Elementary) (MAEE)
• Math Education (Secondary) (MAES)
• Mathematics (MATH)
• Mechanical Engineering (MEE)
• Media and Communication (MMC)
• Media Studies and Production (MSP)
• Middle Grades & Secondary Education (MGSE)
• Middle Grades Education (MGRE)
• Music (MUSC)
• Music Education (MUED)
• Music Studies (MUST)
• Narrative Medicine (NMED)
• Neurology (NEUR)
• Neuromotor Science (NMS)
• Neuroscience (CLA) (NSCI)
• Neurosurgery (NESU)
• Nursing (NURS)
• Nutrition (NUTR)
• Obstetrics, Gynecology & Reproduction (OBGY)
• Occupational Therapy (OTHR)
• Ophthalmology (OPHT)
• Oral Biology (ORBG)
• Oral Health Sciences (OHSC)
• Orthopedic Surgery (ORTS)
• Otorhinology (OTOR)
• Pathology & Lab Medicine (PATH)
• Pediatrics (PEDI)
• Pharmaceutical Sciences (PS)
• Pharmacy Practice (PP)
• Pharmacy Quality Assurance (QARA)
• Philosophy (PHIL)
• Physical Therapy (PHTH)
• Physician Assistant (PA)
• Physics (PHYS)
• Physiology-Biophysics (PHBI)
• Podiatric Clinical Education (PCED)
• Podiatric Interdepartmental (PDID)
• Podiatric Medicine (PDMD)
• Podiatric Orthopedics (PDOR)
• Podiatric Surgery (PDSR)
• Political Science (POLY)
• Portuguese (PORT)
• Psychiatry & Behavioral Science (PSYM)
• Psychology (PSY)
• Public Policy (PLCY)
• Radiation Oncology (RAON)
• Radiology (RADI)
• Real Estate (RE)
• Recreational Therapy (RCTH)
• Rehabilitation Medicine (RHMD)
• Rehabilitation Sciences (REHB)
• Religion (REL)
• Restorative Dentistry (RDNT)
• Risk Management and Insurance (RMI)
• School of Dentistry (DENT)
• School of Medicine (MEDS)
• School Psychology (SPSY)
• Science Education (Elementary) (SCEE)
• Science Education (Secondary) (SCES)
• Science, Secondary Education (SCSE)
• Secondary Education (SECE)
• Social and Behavioral Sciences (SBS)
• Social Studies Education (Elementary) (SSEE)
• Social Studies Education (Secondary) (SSES)
• Social Work (Graduate) (SSWG)
• Sociology (SOC)
• Spanish (SPAN)
• Special Education (SPED)
• Sport and Recreation Management (SRM)
• Sport, Tourism and Hospitality Management (STHM)
• Statistics (STAT)
• Strategic Communication (STRC)
• Strategic Management (SGM)
• Supervisory Certification Program (SUPV)
• Supply Chain Management (SCM)
• Surgery (SURG)
• Teaching English to Speakers of Other Languages (TESL)
• Theater (THTR)
• Therapeutic Recreation (THRC)
• Tourism and Hospitality Management (THM)
• Tyler School of Art (TYLE)
• Urban Bioethics (UBTH)
• Urban Education (URBE)
• Urology (UROL)
• Graduate School Policies
• Graduate Student Services
• Schools and Colleges
  • Beasley School of Law
    • Graduate Certificate: American Legal Studies
    • Graduate Certificate: Employee Benefits Law
    • Graduate Certificate: Estate Planning
    • Graduate Certificate: International Business and Compliance
    • Graduate Certificate: International Law
    • Juris Doctor Certificate: Business Law
    • Juris Doctor Certificate: Trial Advocacy and Litigation
    • Law JD
    • Legal Education LLM
    • Taxation LLM
    • Taxation MS
    • Transnational Law LLM
  • Center for the Performing and Cinematic Arts / Boyer College of Music and Dance
    • Choral Conducting MM
    • Collaborative Piano and Chamber Music MM
• Collaborative Piano and Opera Coaching MM
• Dance MA
• Dance MFA
• Dance PhD
• Graduate Certificate: Music Teaching
• Graduate Certificate: Professional Studies
• Instrumental Conducting: Wind-Band Emphasis MM
• Jazz Studies MM
• Music Composition MM
• Music Education MM
• Music Education PhD
• Music History MM
• Music MA
• Music MS
• Music Performance/Bassoon DMA
• Music Performance/Bassoon MM
• Music Performance/Cello DMA
• Music Performance/Cello MM
• Music Performance/Clarinet DMA
• Music Performance/Clarinet MM
• Music Performance/Classical Guitar MM
• Music Performance/Double Bass DMA
• Music Performance/Double Bass MM
• Music Performance/Euphonium DMA
• Music Performance/Euphonium MM
• Music Performance/Flute DMA
• Music Performance/Flute MM
• Music Performance/French Horn DMA
• Music Performance/French Horn MM
• Music Performance/Harp DMA
• Music Performance/Harp MM
• Music Performance/Harpichord MM
• Music Performance/Historical Keyboard DMA
• Music Performance/Oboe DMA
• Music Performance/Oboe MM
• Music Performance/Percussion DMA
• Music Performance/Percussion MM
• Music Performance/Piano DMA
• Music Performance/Piano MM
• Music Performance/Saxophone MM
• Music Performance/Trombone DMA
• Music Performance/Trombone MM
• Music Performance/Trumpet DMA
• Music Performance/Trumpet MM
• Music Performance/Tuba DMA
• Music Performance/Tuba MM
• Music Performance/Viola DMA
• Music Performance/Viola MM
• Music Performance/Violin DMA
• Music Performance/Violin MM
• Music Performance/Voice DMA
• Music Performance/Voice MM
• Music PhD
• Music Technology MS
• Music Theory MM
• Music Therapy MMT
• Music Therapy PhD
• Piano MM
• Piano Pedagogy MM
• Piano Performance and Music Theory MM
• Piano Performance/Collaborative Piano and Chamber Music MM
• Piano Performance/Piano Pedagogy MM
• String Pedagogy MM
• Vocal Arts MM

• Center for the Performing and Cinematic Arts / School of Theater, Film and Media Arts
  • Documentary Arts and Visual Research PhD
  • Film and Media Arts MFA
  • Graduate Certificate: Documentary Arts and Ethnographic Research
  • Graduate Certificate: Theater Instruction
  • mediaXarts: Cinema for New Technologies and Environments MA
  • Musical Theater Collaboration MFA
  • Theater Instruction MA
  • Theater/Acting MFA
  • Theater/Design MFA
  • Theater/Directing MFA
  • Theater/Playwriting MFA

• College of Education and Human Development
  • Accomplished Teaching MSEd
  • Advocacy and Organizational Development MEd
  • Applied Behavior Analysis MSEd
  • Applied Research and Evaluation PSM
  • Career and Technical Education MEd
  • Career and Technical Education MSEd
  • Counseling Psychology MEd
  • Counseling Psychology PhD
  • Early Childhood Education and Special Education MEd
  • Early Childhood Education MEd
  • Education/Applied Linguistics PhD
  • Education/Educational Psychology PhD
  • Education/Literacy and Learners PhD
  • Education/Science, Mathematics and Educational Technology PhD
  • Education/Special Education PhD
  • Educational Leadership and Policy MEd
  • Educational Leadership EdD
  • Educational Leadership MEd
  • Graduate Certificate: Applied Behavior Analysis
  • Graduate Certificate: Autism Endorsement
  • Graduate Certificate: College Access and Success
  • Graduate Certificate: Conflict Process
  • Graduate Certificate: Data-Driven Decision Making
  • Graduate Certificate: Disability Studies
  • Graduate Certificate: Diversity Leadership in Higher Education
  • Graduate Certificate: English as a Second Language
  • Graduate Certificate: English Language Teaching
Catalog Contents

- Graduate Certificate: Institutional Effectiveness
- Graduate Certificate: Instructional Learning Technology
- Graduate Certificate: Leadership in Instructional Technology for Higher Education
- Graduate Certificate: Professional Health Education
- Graduate Certificate: Student Affairs Leadership
- Graduate Certificate: Superintendency
- Graduate Certificate: Teaching in Higher Education
- Graduate Certificate: Teaching in Higher Education for the Creative Disciplines
- Graduate Certificate: Urban Education
- Higher Education EdD
- Higher Education MEd
- Middle Grades Education/Language Arts MEd
- Middle Grades Education/Mathematics and Language Arts MEd
- Middle Grades Education/Mathematics and Science MEd
- Middle Grades Education/Mathematics MEd
- Middle Grades Education/Science and Language Arts MEd
- Middle Grades Education/Science MEd
- Middle Grades Education/Social Studies and Language Arts MEd
- Middle Grades Education/Social Studies and Mathematics MEd
- Middle Grades Education/Social Studies and Science MEd
- Middle Grades Education/Social Studies MEd
- Policy and Organizational Studies PhD
- Professional Health Education MSEd
- School Psychology EdS
- School Psychology PhD
- Secondary Education / World/Foreign Languages Education MEd
- Secondary Education/English Education MEd
- Secondary Education/Mathematics Education MEd
- Secondary Education/Science Education MEd
- Secondary Education/Social Studies Education MEd
- Special Education MEd
- Teaching English to Speakers of Other Languages (TESOL) MSEd

- College of Engineering
  - Bioengineering MSBioe
  - Bioengineering PhD
  - Civil Engineering MSCE
  - Civil Engineering PhD
  - Computer and Systems Security PSM
  - Electrical Engineering MSEE
  - Electrical Engineering PhD
  - Engineering Management MS
  - Engineering MEng
  - Environmental Engineering MSEnvE
  - Environmental Engineering PhD
  - Graduate Certificate: Advanced Manufacturing and Robotics
  - Graduate Certificate: Engineering Project Management
  - Graduate Certificate: New Product Development
  - Mechanical Engineering MSME
  - Mechanical Engineering PhD

- College of Liberal Arts
  - Africology and African American Studies MA
  - Africology and African American Studies PhD
• Anthropology MA
• Anthropology PhD
• Applied Sociology PSM
• Creative Writing MFA
• Criminal Justice MA
• Criminal Justice PhD
• Decision Neuroscience PhD
• Economics MA
• Economics PhD
• English MA
• English PhD
• Geographic Information Systems PSM
• Geography and Urban Studies MA
• Geography and Urban Studies PhD
• Geospatial Data Science PSM
• Graduate Certificate: Crime Science
• Graduate Certificate: Gender, Sexuality and Women’s Studies
• Graduate Certificate: Geographic Information Systems
• Graduate Certificate: Geospatial Data Science
• Graduate Certificate: Neuroscience
• Graduate Certificate: Non-Profit Management
• Graduate Certificate: Police Leadership
• Graduate Certificate: Public Policy
• Graduate Certificate: Spanish for Health Professions
• History MA
• History PhD
• Liberal Arts MLA
• Neuroscience: Systems, Behavior and Plasticity MS
• Philosophy MA
• Philosophy PhD
• Political Science MA
• Political Science PhD
• Psychological Research MS
• Psychology PhD
• Public Policy MPP
• Religion MA
• Religion PhD
• Sociology MA
• Sociology PhD
• Spanish MA
• Spanish PhD
• College of Public Health
• Applied Biostatistics MPH
• Athletic Training DAT
• Athletic Training MSAT
• Communication Sciences and Disorders PhD
• Environmental Health MPH
• Environmental Health MS
• Epidemiology MPH
• Epidemiology MS
• Epidemiology PhD
• Graduate Certificate: Clinical Health Services Research
• Graduate Certificate: Global Health
• Graduate Certificate: Health Informatics
• Graduate Certificate: Interdisciplinary Health Communication
• Graduate Certificate: Maternal and Child Health
• Graduate Certificate: Nutrition
• Graduate Certificate: Public Health Law Research
• Graduate Certificate: Public Health Preparedness and Response
• Health Informatics MS
• Health Informatics PhD
• Health Policy and Health Services Research PhD
• Health Policy and Management MPH
• Neuromotor Science MS
• Neuromotor Science PhD
• Nursing DNP
• Nutrition MPH
• Occupational Therapy MOT
• Occupational Therapy OTD
• Occupational Therapy Transitional Program OTD
• Physical Therapy DPT
• Public Health Data Science MS
• Recreational Therapy MS
• Social and Behavioral Sciences MPH
• Social and Behavioral Sciences PhD
• Social Work MSW
• Speech, Language and Hearing Science MA

• College of Science and Technology
• Bioinformatics and Biological Data Science PSM
• Bioinformatics PhD
• Bioinformatics PSM
• Bioinnovation PSM
• Biology MA
• Biology MS
• Biology PhD
• Biotechnology PSM
• Chemistry MS
• Chemistry PhD
• Computational Data Science MS
• Computer and Information Science PhD
• Computer Science MS
• Cyber Defense and Information Assurance PSM
• Forensic Chemistry PSM
• Geology MS
• Geoscience PhD
• Graduate Certificate: Bioinformatics
• Graduate Certificate: Bioinnovation
• Graduate Certificate: Biotechnology
• Graduate Certificate: Computer Science
• Graduate Certificate: Computer Science Instruction
• Graduate Certificate: Cyber Defense and Information Assurance
• Graduate Certificate: Forensic Chemistry
• Graduate Certificate: High-Performance Computing for Scientific Applications
• Graduate Certificate: Information Science and Technology
• Graduate Certificate: Mathematics for Teaching
• Graduate Certificate: Scientific Writing
• High-Performance Computing for Scientific Applications PSM
• Information Science and Technology MS
• Mathematics MS
• Mathematics PhD
• Physics MS
• Physics PhD
• Scientific Writing PSM
• Fox School of Business and Management
  • Accountancy MAcc
  • Accounting and Financial Management MS
  • Actuarial Science MS
  • Business Administration Executive Program DBA
  • Business Administration Executive Program MBA
  • Business Administration MBA
  • Business Administration/Accounting PhD
  • Business Administration/Entrepreneurship PhD
  • Business Administration/Finance PhD
  • Business Administration/Human Resource Management and Organizational Behavior PhD
  • Business Administration/Interdisciplinary Study PhD
  • Business Administration/International Business Administration PhD
  • Business Administration/Management Information Systems PhD
  • Business Administration/Marketing PhD
  • Business Administration/Operations and Supply Chain Management PhD
  • Business Administration/Risk Management and Insurance PhD
  • Business Administration/Strategic Management PhD
  • Business Administration/Tourism and Sport PhD
  • Business Analytics MS
  • Corporate Compliance and Ethics MS
  • Decision Neuroscience PhD
  • Digital Marketing MS
  • Finance MS
  • Financial Analysis and Quantitative Risk Management MS
  • Financial Analysis MS
  • Global Finance DS
  • Graduate Certificate: Business Administration
  • Graduate Certificate: Business Analytics
  • Graduate Certificate: Corporate Instructional Design
  • Graduate Certificate: Diversity, Equity and Inclusive Leadership in Organizations
  • Graduate Certificate: Entrepreneurship and Technology Commercialization
  • Graduate Certificate: Healthcare Innovation Management
  • Graduate Certificate: Human Resource Management
  • Graduate Certificate: Information Technology Auditing and Cyber Security
  • Graduate Certificate: Innovation Strategy
  • Graduate Certificate: Management Consulting
  • Graduate Certificate: Organizational Leadership
  • Graduate Certificate: Real Estate
  • Health Administration MHA
  • Healthcare Financial Management MS
  • Human Resource Management MS
  • Information Technology Auditing and Cyber Security MS
• Innovation Management and Entrepreneurship MS
• Management Information Systems MS
• Management MiM
• Marketing Research and Analytics MS
• Quantitative Finance and Risk Management MS
• Real Estate MS
• Risk Management and Insurance MS
• Statistics and Data Science MS
• Statistics MS
• Statistics PhD

• Kornberg School of Dentistry
  • Dentistry Certificate: Advanced Education in General Dentistry
  • Dentistry Certificate: Dental Public Health
  • Dentistry Certificate: Endodontics
  • Dentistry Certificate: Oral and Maxillofacial Surgery
  • Dentistry Certificate: Orthodontics
  • Dentistry Certificate: Periodontics
  • Dentistry Certificate: Prosthodontics
  • Dentistry DMD
  • Dentistry/Advanced Standing Program for Internationally Trained Dentists DMD
  • Oral Health Sciences MS

• Lew Klein College of Media and Communication
  • Communication for Development and Social Change MS
  • Communication Management MS
  • Conflict and Communication MS
  • Graduate Certificate: Conflict Management and Dispute Resolution
  • Graduate Certificate: Cultural Analytics
  • Graduate Certificate: Public Relations
  • Graduate Certificate: Strategic Communication and Cross-Cultural Leadership
  • Journalism MJ
  • Media and Communication PhD
  • Media Studies and Production MA

• Lewis Katz School of Medicine
  • Biomedical Sciences MS
  • Biomedical Sciences PhD
  • Graduate Certificate: Narrative Medicine
  • Graduate Certificate: Urban Bioethics
  • Medicine MD
  • Physician Assistant MMS
  • Urban Bioethics MA

• School of Pharmacy
  • Advanced Biotherapeutics: Manufacturing and Regulatory Affairs MS
  • Global Clinical and Pharmacovigilance Regulations MS
  • Graduate Certificate: Basic Pharmaceutical Development
  • Graduate Certificate: Biologics and Biosimilars Manufacturing
  • Graduate Certificate: Biologics and Biosimilars: Regulatory Aspects
  • Graduate Certificate: Biopharmaceutical Manufacturing and Regulatory Affairs
  • Graduate Certificate: Clinical Trial Management
  • Graduate Certificate: Drug Development
  • Graduate Certificate: Food Regulatory Affairs and Quality Assurance
  • Graduate Certificate: Generic Drugs
  • Graduate Certificate: Global Pharmacovigilance/Benefit-Risk Management
  • Graduate Certificate: Medical Device
• Graduate Certificate: Pharmaceutical Labeling, Advertising and Promotions
• Graduate Certificate: Pharmaceutical Manufacturing: Process Development and Analysis
• Graduate Certificate: Sterile Process Manufacturing
• Graduate Certificate: Validation Sciences
• Pharmaceutical Regulatory Sciences MS
• Pharmaceutical Sciences/Medicinal Chemistry MS
• Pharmaceutical Sciences/Medicinal Chemistry PhD
• Pharmaceutical Sciences/Pharmaceutics MS
• Pharmaceutical Sciences/Pharmaceutics PhD
• Pharmaceutical Sciences/Pharmacodynamics MS
• Pharmaceutical Sciences/Pharmacodynamics PhD
• Pharmaceutical Sciences/Regulatory Affairs and Quality Assurance PhD
• Pharmacy PharmD
• Post-Master's Certificate: Advanced Regulatory Affairs and Quality Assurance
• Post-Master's Certificate: Biologics and Biosimilars Manufacturing
• Post-Master's Certificate: Biologics and Biosimilars: Regulatory Aspects
• Post-Master's Certificate: Biopharmaceutical Manufacturing and Regulatory Affairs
• Post-Master's Certificate: Clinical Trial Management
• Post-Master's Certificate: Food Regulatory Affairs and Quality Assurance
• Post-Master's Certificate: Generic Drugs
• Post-Master's Certificate: Global Pharmacovigilance/Benefit-Risk Management
• Post-Master's Certificate: Medical Device
• Post-Master's Certificate: Pharmaceutical Labeling, Advertising and Promotions
• Post-Master's Certificate: Pharmaceutical Manufacturing: Process Development and Analysis
• Post-Master's Certificate: Sterile Process Manufacturing
• Post-Master's Certificate: Validation Sciences
• Regulatory Affairs and Quality Assurance MS
• School of Podiatric Medicine
  • Podiatric Medicine DPM
• School of Sport, Tourism and Hospitality Management
  • Graduate Certificate: Destination Management
  • Graduate Certificate: Event Management
  • Graduate Certificate: Global Tourism
  • Graduate Certificate: Service Excellence
  • Graduate Certificate: Tourism Analytics
  • Hospitality Management MS
  • Sport Business Executive Program MS
  • Sport Business MS
  • Travel and Tourism MS
• Tyler School of Art and Architecture
  • Architecture MArch
  • Architecture MS
  • Art Education MED
  • Art History MA
  • Art History PhD
  • Ceramics MFA
  • City and Regional Planning MS
  • Facilities Planning MS
  • Fibers and Materials Studies MFA
  • Glass MFA
  • Graduate Certificate: Community Arts Practices
  • Graduate Certificate: Health Facilities Planning
  • Graduate Certificate: Sustainable Community Planning
Catalog Contents

- Graduate Certificate: Transportation Planning
- Graphic and Interactive Design MFA
- Landscape Architecture MLArch
- Metals/Jewelry/CAD-CAM MFA
- Painting MFA
- Photography MFA
- Post-Master's Certificate: Teaching Art Education
- Printmaking MFA
- Sculpture MFA

- Undergraduate
  - About Temple University
    - Academic Opportunities
    - Academic Support
    - Accelerated Degree Programs
  - General Admissions Information
    - First-Year
    - International Students
    - Special Admissions Programs
    - Transfer Students
  - Honor Societies
  - Registration
  - Special Programs
    - Credit-Bearing Certificate Programs
    - Non-Credit Programs
    - Off-Campus/Corporate Programs
    - Programs with Academic Credit
  - Student Leadership & Development Opportunities
  - Student Responsibilities
  - Student Rights
  - Student Services
    - University Housing & Dining Services
    - University Services
  - About This Bulletin
  - Academic Calendar
  - Academic Policies
    - Academic Course Load
    - Academic Forgiveness
    - Academic Progress for Undergraduate Courses
    - Academic Residency Requirements
    - Academic Rights and Responsibilities
    - Academic Standing
    - Assessment of Student Learning
    - Attendance
    - Audit
    - Continuing Degree Seeking Students
    - Course Numbering System
    - Courses Inapplicable to Graduation
    - Courses Over Ten Years Old
    - Credit for Prior Learning
    - Credit Hours
    - Credit/No Credit Courses
    - Dean's List
• Declaration of Major and/or Concentration
• Disciplinary Action
• Double Major Across Colleges
• Dropping or Withdrawing from Courses
• Family Educational Rights & Privacy Act (FERPA)
• Final Examinations
• Grade Change
• Grade Point Average (GPA)
• Grades and Grading
• Graduation Procedures
• Grievances
• Honors for Academic Achievement
• Incomplete Coursework
• Leave of Absence
• Non-Degree Seeking Students
• Permission to Complete a Course at another Institution after Matriculation
• Placement Assessments
• Plagiarism and Academic Cheating
• Prerequisites and Co-requisites
• Probation and Dismissal
• Registration
• Repeating a Course
• Reverse Transfer
• Satisfactory Academic Progress
• Second Degrees
• Simultaneous Enrollment
• Student Conduct Code
• Students Called to Military Service Obligation
• Study Abroad Approval Procedures for External Programs
• Transcripts
• Transfer Between Schools/Colleges Within the University (Change of Program)
• Transfer Credit
• Undergraduates Taking Graduate Level Courses

• Academic Programs
  • Writing Intensive Courses

• Boyer College of Music & Dance
  • Certificates
    • Certificate in Chamber Music
    • Certificate in Classical Piano
    • Certificate in Classical Voice
    • Certificate in Dance
    • Certificate in Jazz Arranging
    • Certificate in Jazz Improvisation
    • Certificate in Jazz Piano
    • Certificate in Jazz Studies Composition
    • Certificate in Jazz Voice
    • Certificate in Music
    • Certificate in Music Composition
    • Certificate in Music History
    • Certificate in Music Technology
    • Certificate in Music Theory (Jazz)
    • Certificate in Music Theory (Traditional)
Catalog Contents

- Certificate in Orchestral Music
- Certificate in Performing Arts

- Dance
  - Bachelor of Fine Arts in Dance
  - Minor in Dance
  - Minor in Hip Hop Dance and Culture

- Instrumental Studies
  - Bachelor of Music in Jazz Studies/Performance, Instrumental Concentration
  - Bachelor of Music in Performance, Classical Guitar Concentration
  - Bachelor of Music in Performance, Instrumental Concentration

- Keyboard Instruction
  - Bachelor of Music in Jazz Studies/Performance, Piano Concentration
  - Bachelor of Music in Performance, Harpsichord Concentration
  - Bachelor of Music in Performance, Piano Concentration
  - Bachelor of Music in Piano Pedagogy

- Music Education & Music Therapy
  - Bachelor of Music in Music Education
  - Bachelor of Music in Music Education/Jazz
  - Bachelor of Music in Music Therapy
  - Bachelor of Music in Music Therapy/Jazz

- Music Studies
  - Bachelor of Music in Composition
  - Bachelor of Music in Jazz Studies/Composition
  - Bachelor of Music in Music History
  - Bachelor of Music in Theory
  - Bachelor of Science in Music
  - Bachelor of Science in Music Technology
  - Bachelor of Science in Music Technology, Interdisciplinary Studies Concentration
  - Minor in Music

- Vocal Arts
  - Bachelor of Music in Jazz Studies/Performance, Voice Concentration
  - Bachelor of Music in Performance, Voice Concentration

- Campuses
  - Ambler Campus
  - Health Sciences Center
  - Main Campus
  - Temple University Center City
  - Temple University Harrisburg

- Center for the Performing and Cinematic Arts
- College of Education and Human Development
  - Adult & Organizational Development
    - Bachelor of Arts in Adult & Organizational Development

- All Minors & Certificates
  - Certificate in Applied Behavior Analysis
  - Certificate in Diversity and Inclusion
  - Certificate in English Language Teaching
  - Certificate in Leadership & Military Science
  - Minor in Adult & Organizational Development
  - Minor in Education
  - Minor in Human Development and Community Engagement

- Career & Technical Education
  - B.S.Ed. in Career & Technical Education
  - B.S.Ed. in Career & Technical Education with Business, Computer & Information Technology Education
• B.S.Ed. in Career & Technical Education with Marketing Education
  • Certification Programs
• Early Childhood-Elementary Education (PreK-4)
  • Bachelor of Science in Education in Early Childhood-Elementary Education (PreK-4)
  • Bachelor of Science in Education in Early Childhood-Elementary Education (PreK-4): Special Education
• Human Development and Community Engagement
  • Bachelor of Science in Human Development and Community Engagement
• Middle Grades Education
  • Middle Grades Education / Language Arts Concentration
  • Middle Grades Education / Mathematics and Language Arts Concentration
  • Middle Grades Education / Mathematics and Science Concentration
  • Middle Grades Education / Mathematics Concentration
  • Middle Grades Education / Science and Language Arts Concentration
  • Middle Grades Education / Science Concentration
  • Middle Grades Education / Social Studies Concentration
• Secondary Education
  • Secondary Education/English Education
  • Secondary Education/ Mathematics Education
  • Secondary Education/Social Studies Education
  • Secondary Education/World Languages Education
• Special Education (Pre-K-12)
  • Bachelor of Science in Education in Special Education (Pre-K-12)
• College of Engineering
  • Bioengineering
    • Bachelor of Science in Bioengineering - Cellular Engineering Concentration
    • Bachelor of Science in Bioengineering - Engineering Devices Concentration
    • Bachelor of Science in Bioengineering - Pre-Health Concentration
  • Civil & Environmental Engineering
    • Bachelor of Science in Civil Engineering
    • Bachelor of Science in Civil Engineering - Environmental Engineering Concentration
    • Bachelor of Science in Civil Engineering - Environmental Engineering Concentration with Co-op
    • Bachelor of Science in Civil Engineering with Co-op
    • Bachelor of Science in Environmental Engineering
    • Minor in Environmental Engineering
  • Construction Engineering Technology
    • B.S.C.E.T. in Construction Engineering Technology
    • B.S.C.E.T. in Construction Engineering Technology with Co-op
  • Electrical Engineering
    • Bachelor of Science in Electrical Engineering
    • Bachelor of Science in Electrical Engineering - Bioelectrical Engineering Concentration
    • Bachelor of Science in Electrical Engineering - Bioelectrical Engineering Concentration with Co-op
    • Bachelor of Science in Electrical Engineering - Computer Engineering Concentration
    • Bachelor of Science in Electrical Engineering - Computer Engineering Concentration with Co-op
    • Bachelor of Science in Electrical Engineering with Co-op
  • Engineering
    • Bachelor of Science in Engineering
    • Bachelor of Science in Engineering - Electromechanical Engineering Concentration
    • Bachelor of Science in Engineering - Energy and Power Engineering Concentration
    • Engineering (Undeclared)
  • Engineering Technology
    • Bachelor of Science in Engineering Technology
    • Bachelor of Science in Engineering Technology with Co-op
    • Bachelor of Science in Mechanical Engineering Technology
• Industrial and Systems Engineering
• Mechanical Engineering
  • Bachelor of Science in Mechanical Engineering
  • Bachelor of Science in Mechanical Engineering with Co-op

• College of Liberal Arts
  • Africology and African American Studies
    • Bachelor of Arts in Africology and African American Studies
    • Minor in Africology and African American Studies
  • American Studies
    • Bachelor of Arts in American Studies
    • Minor in American Studies
  • Anthropology
    • Bachelor of Arts in Anthropology
    • Minor in Anthropology
    • Minor in Biomedical Anthropology
    • Minor in Visual Anthropology
  • Arabic
    • Minor in Arabic
  • Asian & Middle Eastern Languages & Studies
  • Asian Studies
    • Bachelor of Arts in Asian Studies
    • Minor in Asian Studies
  • Certificate Programs
    • Certificate in Asian Business & Society
    • Certificate in Cybersecurity and Human Behavior
    • Certificate in Ethics
    • Certificate in French
    • Certificate in Gender, Sexuality and Women's Studies
    • Certificate in Geographic Information Systems
    • Certificate in German
    • Certificate in Health Research
    • Certificate in Italian
    • Certificate in Jewish Secular Studies
    • Certificate in Language and Cross-Cultural Communication
    • Certificate in Political Economy
    • Certificate in Professional Writing
    • Certificate in Social Science Research
    • Certificate in Sports and Society
    • Certificate of Specialization: Arabic
    • Certificate of Specialization: Chinese
    • Certificate of Specialization: Japanese
    • Certificate of Specialization: Spanish
    • Certificate of Specialization: Spanish & Latinx Studies for the Health & Human Services Professions
    • Certificate of Specialization: Spanish and Latin American Studies for Business
    • Latin American Studies Semester Certificate and Program
    • Management Career Certificate
  • Chinese
    • Bachelor of Arts in Chinese
    • Minor in Chinese
  • Classics
    • Bachelor of Arts in Classics with a Concentration in Classical Civilizations
    • Bachelor of Arts in Classics with a Concentration in Classical Languages and Literature
    • Minor in Ancient Mediterranean Studies
    • Minor in Classical Languages and Literature
• Criminal Justice
  • Bachelor of Arts in Criminal Justice
  • Minor in Criminal Justice

• Economics
  • Bachelor of Arts in Economics
  • Bachelor of Arts in Mathematical Economics
  • Minor in Economics

• English
  • Bachelor of Arts in English
  • Bachelor of Arts in English with a Concentration in Creative Writing
  • Minor in English

• Environmental Studies
  • Bachelor of Arts in Environmental Studies
  • Minor in Environmental Studies

• French
  • Bachelor of Arts in French
  • Minor in French

• Gender, Sexuality and Women's Studies
  • Bachelor of Arts in Gender, Sexuality and Women's Studies
  • Minor in Gender, Sexuality and Women's Studies
  • Minor in Lesbian, Gay, Bisexual & Transgender (LGBT) Studies

• Geography & Urban Studies
  • Bachelor of Arts in Geography and Urban Studies
  • Minor in Geography and Urban Studies

• German
  • Bachelor of Arts in German Language and Cultural Studies
  • Bachelor of Arts in Interdisciplinary German Studies
  • Minor in German Language and Cultural Studies
  • Minor in Interdisciplinary German Studies

• Global Studies
  • Bachelor of Arts in Global Studies
  • Minor in Global Studies

• History
  • Bachelor of Arts in History
  • Minor in History

• Italian
  • Bachelor of Arts in Italian
  • Bachelor of Arts in Italian Studies
  • Minor in Italian
  • Minor in Italian Studies

• Japanese
  • Minor in Japanese

• Jewish Studies
  • Bachelor of Arts in Jewish Studies
  • Minor in Jewish Studies

• Latin American Studies
  • Bachelor of Arts in Latin American Studies
  • Minor in Latin American Studies

• Liberal Studies
  • Bachelor of Arts in Liberal Studies

• Neuroscience: Systems, Behavior & Plasticity
  • Bachelor of Science in Neuroscience: Systems, Behavior & Plasticity
  • Minor in Neuroscience Research

• Philosophy
Catalog Contents

- Bachelor of Arts in Philosophy
  - Minor in Philosophy
- Political Science
  - Bachelor of Arts in Political Science
  - Minor in Political Science
  - Minor in Public Policy
- Psychology
  - Bachelor of Arts in Psychology
  - Minor in Clinical and Health Psychology
  - Minor in Cognitive Neuroscience
  - Minor in Psychology
- Religion
  - Bachelor of Arts in Religion
  - Minor in Religion
- Sociology
  - Bachelor of Arts in Sociology
  - Bachelor of Arts in Sociology: Health Track
  - Minor in Sociology
  - Minor in Sociology of Health
- Spanish & Portuguese
  - Bachelor of Arts in Spanish: Language & Professional Studies Option
  - Bachelor of Arts in Spanish: Language, Literature, Linguistics Option
  - Bachelor of Arts in Spanish: Spanish for Education Option
  - Minor in Portuguese
  - Minor in Spanish
- College of Public Health
  - All Health Minors & Certificates
    - Certificate in American Sign Language
    - Certificate in Emergency and Sports Injury Management
    - Certificate in Linguistics
    - Minor in Applied Epidemiology
    - Minor in Global Health
    - Minor in Health Information Management
    - Minor in Health Policy and Management
    - Minor in Nutrition
    - Minor in Public Health
- Communication Sciences & Disorders
  - Bachelor of Arts in Speech, Language & Hearing Science
- Health & Rehabilitation Sciences
  - Bachelor of Arts in Health Studies
  - Bachelor of Science in Health Professions
  - Bachelor of Science in Recreational Therapy
- Health Services Administration & Policy
  - Bachelor of Science in Health Information Management
- Kinesiology
  - Bachelor of Science in Exercise and Sport Science
  - Bachelor of Science in Kinesiology
- Nursing
  - Bachelor of Science in Nursing (B.S.N.)
- Social & Behavioral Sciences
  - Bachelor of Science in Public Health
• College of Science & Technology
  • Accelerated Programs in CST
    • Biology, B.A./M.Ed.
    • Biology, B.S./M.Ed.
    • Chemistry, B.A./M.Ed.
    • Chemistry, B.S./M.Ed.
    • Chemistry, B.S./M.S.
    • Computer Science, B.S./M.S.
    • Dental, 3+N Program
    • Geology, B.A./M.Ed.
    • Geology, B.S./M.Ed.
    • Information Science & Technology, B.S./M.S.
    • Mathematics, B.A./M.Ed.
    • Mathematics, B.A./M.S.
    • Mathematics, B.S./M.Ed.
    • Mathematics, B.S./M.S.
    • Medical, 3+N Program
    • Pharmaceutical Sciences, B.S.
    • Pharmacy, 3+N Program
    • Physical Therapy, 3+N Program
    • Physics, B.A./M.Ed.
    • Physics, B.A./M.S.
    • Physics, B.S./M.Ed.
    • Physics, B.S./M.S.
    • Podiatry, 3+N Program
  • All CST Minors & Certificates
    • Biology, Minor
    • Chemistry, Minor
    • Computer Science, Minor
    • Computer Security & Digital Forensics, Certificate
    • Data Science: Computational Analytics, Certificate
    • Data Science: Computational Analytics, Minor
    • Environmental Professional Training, Certificate
    • Fundamentals of Programming, Certificate
    • Genomic Medicine, Certificate
    • Geology, Minor
    • Information Science & Technology, Minor
    • Mathematics, Minor
    • Mobile Application Development, Certificate
    • Natural Sciences, Minor
    • Physics, Minor
    • Science and Technology Writing, Certificate
  • Biology
    • Biology, B.A.
    • Biology, B.S.
    • Ecology, Evolution & Biodiversity, B.S.
    • Genomic Medicine, B.S.
    • Genomic Medicine: Pre-Medicine Track, B.S.
    • Natural Sciences with Concentration in Biology, B.A.
    • Natural Sciences with Concentration in Biology, B.S.
    • Neuroscience: Cellular & Molecular, B.S.
  • Chemistry
• Biochemistry, B.S.
• Chemistry, B.A.
• Chemistry, B.S.
• Natural Sciences with Concentration in Chemistry, B.A.
• Natural Sciences with Concentration in Chemistry, B.S.

• Computer & Information Sciences
  • Computer Science, B.A.
  • Computer Science, B.S.
  • Data Science with Concentration in Computation and Modeling, B.S.
  • Data Science with Concentration in Computational Analytics, B.S.
  • Data Science with Concentration in Genomics and Bioinformatics, B.S.
  • Information Science & Technology, B.A.
  • Information Science & Technology, B.S.
  • Mathematics & Computer Science, B.S.

• Earth & Environmental Science
  • Environmental Science with Concentration in Applied Ecology, B.S.
  • Environmental Science with Concentration in Climate, B.S.
  • Environmental Science with Concentration in Environmental Geochemistry, B.S.
  • Environmental Science with Concentration in Hydrology, B.S.
  • Geology, B.A.
  • Geology, B.S.
  • Natural Sciences with Concentration in Earth and Environmental Sciences, B.A.
  • Natural Sciences with Concentration in Earth and Environmental Sciences, B.S.

• Mathematics
  • Applied Mathematics, B.S.
  • Mathematical Economics, B.A.
  • Mathematics, B.A.
  • Mathematics, B.S.

• Physics
  • Biophysics, B.S.
  • Computer Science & Physics, B.S.
  • Materials Science, B.S.
  • Mathematics & Physics, B.S.
  • Natural Sciences with Concentration in Physics, B.A.
  • Natural Sciences with Concentration in Physics, B.S.
  • Physics, B.A.
  • Physics, B.S.

• Postbaccalaureate Programs
  • Advanced Core Science Studies, Certificate
  • Basic Core Science Studies, Certificate

• TUTeach Programs
  • Biology with Teaching, B.S.
  • Chemistry with Teaching, B.S.
  • Earth & Space Science with Teaching, B.S.
  • General Science & Technology with Teaching, B.S.
  • General Science with Teaching, B.S.
  • Mathematics & Computer Science with Teaching, B.S.
  • Mathematics & Technology with Teaching, B.S.
  • Mathematics with Teaching, B.S.
  • Physics with Teaching, B.S.

• Cost and Aid
• Course Descriptions
• Accounting (ACCT)
• Actuarial Science (AS)
• Adult & Organizational Development (AOD)
• Advanced Core Medical Science (ACMS)
• Advertising (ADV)
• Aerospace Studies - Air Force ROTC (AIRF)
• Africology and African American Studies (AAAS)
• American Studies (AMST)
• Anthropology (ANTH)
• Applied Behavior Analysis (ABA)
• Arabic (ARBC)
• Architecture (ARCH)
• Art (ART)
• Art - Japan Campus (ARTU)
• Art Education (ARTE)
• Art History (ARTH)
• Art Therapy (ARTT)
• Asian Studies (ASST)
• Basic Core Medical Science (BCMS)
• Bioengineering (BIOE)
• Biology (BIOL)
• Botany (BOT)
• Boyer College of Music & Dance (BCMD)
• Business Administration (BA)
• Business Education (BSED)
• Career and Technical Education (CTE)
• Center for the Performing and Cinematic Arts (CFA)
• Chemistry (CHEM)
• Chinese (CHI)
• City and Regional Planning (CTRP)
• Civil Engineering (CEE)
• College of Education (COED)
• College of Liberal Arts (CLA)
• College of Public Health & School of Social Work (CHP)
• College of Science and Technology (SCTC)
• Communication and Social Influence (CSI)
• Communication Sciences and Disorders (CSCD)
• Communication Studies (CMST)
• Communications and Theater (COMM)
• Community Arts (CART)
• Community Development (CDEV)
• Computer & Information Science (CIS)
• Construction Management Technology (CMT)
• Counseling Psychology (CPSY)
• Criminal Justice (CJ)
• Critical Languages Center (CRIT)
• Cultural Studies (CLST)
• Dance (DANC)
• Early Childhood Education (ECED)
• Earth & Environmental Science (EES)
• Economics (ECON)
• Education (EDUC)
• Educational Administration (EDAD)
• Educational Psychology (EPSY)
• Electrical Engineering (ECE)
• Electrical Engineering Technology (EET)
• Elementary Education (ELED)
• Engineering (ENGR)
• Engineering (General) (ENGG)
• Engineering Technology (ENGT)
• English (ENG)
• English Education (Elementary) (ENEE)
• English Education (Secondary) (ENES)
• Environmental Engineering Technology (ENVT)
• Environmental Health (ENVH)
• Environmental Science (CST) (ENVS)
• Environmental Studies (CLA) (ENST)
• Epidemiology and Biostatistics (EPBI)
• Film and Media Arts (FMA)
• Finance (FIN)
• Foundation Program (FDPR)
• French (FREN)
• Gender, Sexuality and Women's Studies (GSWS)
• Geography and Urban Studies (GUS)
• German (GER)
• Global Studies (GBST)
• Graphic Arts and Design (GAD)
• Greek (Ancient) (GRKA)
• Greek (Modern) (GRKM)
• Greek and Roman Classics (GRC)
• Health Information Management (HIM)
• Health Policy and Management (HPM)
• Health Related Professions (HRPR)
• Healthcare Management (HCM)
• Hebrew (HEBR)
• Hindi (HIN)
• History (HIST)
• Honors Program (HNRS)
• Horticulture (HORT)
• Human Development and Community Engagement (HDCE)
• Human Resource Management (HRM)
• Human Services (HS)
• Industrial and Systems Engineering (ISE)
• Intellectual Heritage (IH)
• International Business Administration (IB)
• Italian (ITAL)
• Japanese (JPNS)
• Jewish Studies (JST)
• Journalism (JRN)
• Kinesiology (KINS)
• Klein College of Media and Communication (KLN)
• Korean (KRN)
• Landscape Architecture (LARC)
• Latin (LAT)
• Latin American Studies (LAS)
• Law - Undergraduate Courses (LAWU)
• Legal Studies (LGLS)
• Lesbian, Gay, Bisexual and Transgender Studies (LGBT)
• Management Information Systems (MIS)
• Management Science/Operations Management (MSOM)
• Marketing (MKTG)
• Math Education (Elementary) (MAEE)
• Math Education (Secondary) (MAES)
• Mathematics (MATH)
• Mechanical Engineering (MEE)
• Mechanical Engineering Technology (MET)
• Media Studies & Production (MSP)
• Medicine Undergraduate Courses (MEDU)
• Middle Grades & Secondary Education (MGSE)
• Middle Grades Education (MGRE)
• Military Science (MLSC)
• Music (MUSC)
• Music Education (MUED)
• Music Studies (MUST)
• Naval Science - Navy ROTC (NAVS)
• Neuroscience - CLA (NSCI)
• New Media Interdisciplinary (NMIC)
• Nursing (NURS)
• Nutrition (NUTR)
• Occupational Therapy (OTHR)
• Philosophy (PHIL)
• Physics (PHYS)
• Political Science (POLS)
• Portuguese (PORT)
• ProRanger Program (PRAN)
• Psychology (PSY)
• Public Policy (PLCY)
• Public Relations (PR)
• Real Estate (RE)
• Recreational Therapy (RCTH)
• Religion (REL)
• Risk Management and Insurance (RMI)
• Russian (RUS)
• School of Business and Management (SBM)
• School of Sport, Tourism & Hospitality Management (STHA)
• School Psychology (SPSY)
• Science Education (Elementary) (SCEE)
• Science Education (Secondary) (SCES)
• Science, Secondary Education (SCSE)
• Secondary Education (SECE)
• Slavic Languages & Literature (SLVC)
• Social and Behavioral Sciences (SBS)
• Social Studies Education (Elementary) (SSEE)
• Social Studies Education (Secondary) (SSES)
• Social Work - Undergraduate (SSWU)
• Sociology (SOC)
• Spanish (SPAN)
• Special Education (SPED)
• Sport and Recreation Management (SRM)
• Sport, Tourism and Hospitality Management (STHM)
• Statistics (STAT)
• Strategic Management (SGM)
• Study Away Non-TU Program (STAW)
• Supply Chain Management (SCM)
• Teaching English to Speakers of Other Languages (TESL)
• Temple University Japan (TUJ)
• Theater (THTR)
• Theater, Film and Media Arts (TFMA)
• Therapeutic Recreation (THRC)
• Topical Studies (TS)
• Tourism and Hospitality Management (THM)
• TUJ International Business Studies (JIBS)
• Tyler School of Art (TYLE)
• Undergraduate Studies Merit Scholar (USMS)
• University College (UC)
• University Seminar (UNVS)
• Upper Division Honors Program (HONS)
• Urban Education (URBE)
• Visual Studies (VS)
• Division of University Studies
• Fox School of Business & Management
  • Accounting
    • Accounting with Optional Concentration in Data Analytics, BBA
    • Accounting, BBA
  • Actuarial Science
  • All Business Minors & Certificates
    • Accounting Minor
    • Business Analytics Minor
    • Business Basics Certificate
    • Business Minor
    • Business Plus Certificate
    • Corporate Compliance & Regulatory Policy Minor
    • Corporate Social Responsibility Minor
    • Digital Marketing Minor
    • Economics Minor
    • Entrepreneurship & Innovation Management Certificate
    • Entrepreneurship & Innovation Management Minor
    • Finance Minor
    • General Business Studies Minor
    • Healthcare Management Minor
    • Human Resource Minor for Legal Studies
    • Information Technology Innovation & Entrepreneurship Minor
    • International Business Administration Minor
    • Legal Studies Minor
    • Legal Studies Minor for Human Resource Managers
    • Legal Studies Minor for Real Estate Majors
    • Management Consulting Minor
    • Management Information Systems Certificate
    • Management Information Systems Minor
• Marketing Minor
• Organizational Leadership Minor
• Real Estate Minor
• Sales Minor
• Statistics and Data Science Minor
• Supply Chain Management Minor
• Business Management
• Economics
• Entrepreneurship & Innovation Management
• Finance
• Financial Planning
• Human Resource Management
• International Business
  • International Economics Concentration
  • International Entrepreneurship Concentration
  • International Finance Concentration
  • International Marketing Concentration
  • International Sales & Business Development Concentration
  • International Supply Chain Management, Transportation & Logistics Concentration
• Legal Studies
• Management Information Systems
• Marketing
• Real Estate
• Risk Management & Insurance
  • Employee Benefits Track
  • Healthcare Risk Management Track
  • Property-Liability/Corporate Risk Management Track
• Statistical Science and Data Analytics
• Supply Chain Management
• General Education
  • Analytical Reading & Writing (GW)
  • Arts (GA)
  • Global/World Society (GG)
  • Human Behavior (GB)
  • Intellectual Heritage (GY & GZ)
  • Quantitative Literacy (GQ)
  • Race & Diversity (GD)
  • Science & Technology (GS)
  • U.S. Society (GU)
• Intercollegial Programs
  • Digital Media Technologies, Minor
  • Environmental Programs
  • Mathematical Economics
• Lew Klein College of Media and Communication
• Advertising and Public Relations
  • Bachelor of Arts in Advertising: Account Management Concentration
  • Bachelor of Arts in Advertising: Art Direction Concentration
  • Bachelor of Arts in Advertising: Brand Strategy & Research Concentration
  • Bachelor of Arts in Advertising: Copywriting Concentration
  • Bachelor of Arts in Advertising: Media Planning Concentration
  • Bachelor of Arts in Public Relations
  • Minor in Content Creation
  • Minor in Digital Media Engagement
Catalog Contents

• Minor in Leadership
• Minor in Public Relations

• Communication & Social Influence
  • Bachelor of Arts in Communication and Social Influence
  • Minor in Communication and Activism

• Communication Studies
  • Bachelor of Arts in Communication Studies: Communication and Entrepreneurship Track
  • Bachelor of Arts in Communication Studies: Contemporary Media Environments Track
  • Bachelor of Arts in Communication Studies: Global Civil Society Track
  • Bachelor of Arts in Communication Studies: Major of Distinction (Thesis Track)
  • Bachelor of Arts in Communication Studies: Policy, Regulation and Advocacy Track
  • Minor in Communication Studies

• International Communication Concentration
• International Communication Minor

• Journalism
  • Bachelor of Arts in Journalism
  • Minor in Journalism, Society and Culture

• Media Studies and Production
  • Bachelor of Arts in Media Studies and Production: Media Analysis Track
  • Bachelor of Arts in Media Studies and Production: Media Business Track
  • Bachelor of Arts in Media Studies and Production: Media Production Track

• Sports Media Certificate

• School of Social Work
  • Bachelor of Social Work (B.S.W.)

• School of Sport, Tourism & Hospitality Management
  • Bachelor of Science in Event & Entertainment Management
  • Bachelor of Science in Sport & Recreation Management
  • Bachelor of Science in Tourism & Hospitality Management
  • Certificate in Esports
  • Certificate in Event & Entertainment Management
  • Certificate in Sport Management
  • Certificate in Sport Marketing
  • Certificate in Tourism & Hospitality Management
  • Minor in Event & Entertainment Management
  • Minor in Sport Management
  • Minor in Tourism & Hospitality Management

• School of Theater, Film and Media Arts
  • Film & Media Arts
    • Bachelor of Arts in Film and Media Arts
    • Bachelor of Arts in Film and Media Arts: Concentration in Cinematography
    • Bachelor of Arts in Film and Media Arts: Concentration in Post Production
    • Bachelor of Arts in Film and Media Arts: Concentration in Producing
    • Bachelor of Arts in Film and Media Arts: Concentration in Screen Studies
    • Bachelor of Fine Arts in Film and Media Arts: Concentration in Directing
    • Bachelor of Fine Arts in Film and Media Arts: Concentration in Media Arts
    • Bachelor of Fine Arts in Film and Media Arts: Concentration in Screenwriting
    • Certificate in Entertainment Industry Studies
    • Certificate in Film
    • Certificate in Media Arts
    • Certificate in Screen Studies
    • Screen Studies Minor

• Theater
  • Bachelor of Arts in Theater
  • Bachelor of Fine Arts in Musical Theater
• Bachelor of Fine Arts in Technical Production and Management
• Certificate in Acting
• Certificate in Stage Management
• Certificate in Theater and Community Engagement
• Certificate in Theater Education
• Certificate in Voice and Speech for the Actor
• Theater Minor

• Schools, Colleges, and Divisions
• Temple University, Japan Campus
  • Associate in Arts in General Program
  • Bachelor of Arts in Communication Studies: Production Track
  • Bachelor of Arts in General Program
  • Bachelor of Arts in International Affairs
  • Bachelor of Arts in Japanese
  • Bachelor of Arts in Psychological Studies
  • Bachelor of Science in International Business Studies
• Tyler School of Art & Architecture
  • Architecture
    • Bachelor of Science in Architecture
    • Bachelor of Science in Facilities Management
    • Bachelor of Science in Historic Preservation
  • Art
    • Bachelor of Arts in Art (TUJ)
    • Bachelor of Fine Arts in Ceramics
    • Bachelor of Fine Arts in Ceramics with Entrepreneurial Studies
    • Bachelor of Fine Arts in Fibers & Material Studies with Entrepreneurial Studies
    • Bachelor of Fine Arts in Fibers & Materials Studies
    • Bachelor of Fine Arts in Glass
    • Bachelor of Fine Arts in Glass with Entrepreneurial Studies
    • Bachelor of Fine Arts in Metals/Jewelry/CAD-CAM
    • Bachelor of Fine Arts in Metals/Jewelry/CAD-CAM with Entrepreneurial Studies
    • Bachelor of Fine Arts in Painting
    • Bachelor of Fine Arts in Painting with Entrepreneurial Studies
    • Bachelor of Fine Arts in Photography
    • Bachelor of Fine Arts in Photography with Entrepreneurial Studies
    • Bachelor of Fine Arts in Printmaking
    • Bachelor of Fine Arts in Printmaking with Entrepreneurial Studies
    • Bachelor of Fine Arts in Sculpture
    • Bachelor of Fine Arts in Sculpture with Entrepreneurial Studies
    • Bachelor of Fine Arts Overview
    • Bachelor of Fine Arts with Art Education Concentration
  • Art Education
    • Bachelor of Science in Education in Art Education
  • Art History
    • Bachelor of Arts in Art History
  • Art Therapy
    • Bachelor of Arts in Art Therapy
  • Graphic & Interactive Design
    • Bachelor of Fine Arts in Graphic & Interactive Design
    • Bachelor of Fine Arts in Graphic & Interactive Design with Entrepreneurial Studies
  • GAID Bachelor of Fine Arts Overview
• Landscape Architecture & Horticulture
• Associate in Science in Horticulture
• Bachelor of Science in Horticulture
• Bachelor of Science in Landscape Architecture
• Bachelor of Science in Landscape Architecture with Concentration in Horticulture

• Minors & Certificates
  • Certificate in Community Arts Practices
  • Certificate in Creative Entrepreneurship
  • Certificate in Environmental Sustainability
  • Certificate in Historic Preservation
  • Certificate in Horticultural Therapy
  • Certificate in Landscape Plants
  • Certificate in Native Perennial Garden Design
  • Certificate in Sustainable Food Systems
  • Minor in Art
  • Minor in Art History
  • Minor in City & Regional Planning
  • Minor in Community Development
  • Minor in Ecological Planning & Design
  • Minor in Environmental Horticulture
  • Minor in Landscape Studies
  • Minor in Sustainable Food Systems

• Planning & Community Development
  • Bachelor of Science in Community Development

• Visual Studies
  • Bachelor of Arts in Visual Studies

• University College
  • Bachelor of General Studies in General Studies
  • Certificate in National Park Service Management
  • Certificate in Specialized Studies in Science and Mathematics
  • Certificate in Sustainability
  • Postbaccalaureate Certificate in National Park Service Management
  • ProRanger Philadelphia Program