Degrees Offered

With cutting-edge brain science, path-breaking performances, innovative start-ups, driverless cars, big data, big ambitions, Nobel and Turing prizes, hands-on learning, and a whole lot of robots, CMU doesn’t imagine the future, we create it. Carnegie Mellon offers a wide range of programs in seven schools and colleges, and has consistently ranked high in a number of disciplines (https://www.cmu.edu/about/).

To browse the primary degrees offered, select a school or college below. For a list of minors, please see Undergraduate Options (http://coursecatalog.web.cmu.edu/aboutcmu/undergraduateoptions/#minorstext).

College of Engineering

Interdepartmental

• M.S. in Energy Science, Technology and Policy
• M.S. in Energy Science, Technology and Policy (Applied Studies)
• M.S. in Energy Science, Technology and Policy and Integrated Study in Computer Science
• M.S. in Engineering and Technology Innovation Management

Biomedical Engineering

• B.S. in an engineering discipline with an additional major in Biomedical Engineering (http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofbiomedicalengineering/#curriculumtext)
• M.S. in Biomedical Engineering
• M.S. in Biomedical Engineering and Integrated Study in Computer Science
• M.S. in Biomedical Engineering and Computer Science
• M.S. in Biomedical Engineering and Engineering and Public Policy

Chemical Engineering

• B.S. in Chemical Engineering (http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofchemicalengineering/#curriculumtext)
• M. of Chemical Engineering
• M. of Chemical Engineering & Colloids, Polymers and Surfaces
• M.S. in Chemical Engineering
• M.S. in Chemical Engineering and Colloids, Polymers and Surfaces
• M.S. in Chemical Engineering and Integrated Study in Computer Science
• Ph.D. in Chemical Engineering

Civil and Environmental Engineering

• B.S. in Civil Engineering (http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofcivilandenvironmentalengineering/#curriculumtext)
• M.S. in Advanced Infrastructure Systems
• M.S. in Civil Engineering
• M.S. in Civil and Environmental Engineering
• M.S. in Civil & Environmental Engineering and Integrated Study in Computer Science
• M.S. in Civil and Environmental Engineering/M. of Business Administration (jointly with the Tepper School of Business)
• M.S. in Computational Mechanics
• M.S. in Environmental Engineering
• M.S. in Environmental Management and Science
• Ph.D. in Civil Engineering
• Ph.D. in Civil and Environmental Engineering
• Ph.D. in Civil and Environmental Engineering and Engineering and Public Policy (jointly with the Department of Engineering and Public Policy)
• Ph.D. in Computational Mechanics
• Ph.D. in Environmental Engineering
• Ph.D. in Environmental Management and Science

Electrical and Computer Engineering

• B.S. in Electrical and Computer Engineering (http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofelectricalandcomputerengineering/#curriculumoverviewtext)
• B.S. in Music and Technology (jointly with the Department of Music and the School of Computer Science)
• M.S. in Electrical and Computer Engineering
• M.S. in Electrical & Computer Engineering and Integrated Study in Computer Science
• M.S. in Electrical Engineering
• M.S. in Electrical and Computer Engineering and Integrated Study in Computer Science
• M.S. in Software Engineering (Silicon Valley Campus)
• Master of Science in Software Engineering - Development Management (Silicon Valley Campus)
• Ph.D. in Electrical and Computer Engineering

Engineering and Public Policy

• B.S. in an engineering discipline with an additional major in Engineering and Public Policy (http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofengineeringandpublicpolicy/#additionalmajorstext)
• B.S. in Computer Science, Technology and Policy (jointly with the Department of Computer Science)
• M.S. in Engineering and Public Policy
• Ph.D. in Engineering and Public Policy
• Ph.D. in Engineering and Public Policy and an engineering discipline
• Ph.D. in Engineering & Public Policy and Language & Information Technologies
• Ph.D. in Engineering and Public Policy and Statistics (jointly with the Department of Statistics)

Information and Communication Technology

• M.S. in Information Technology (CMU Africa campus only)

Information Networking Institute

• M.S. in Information Networking
• M.S. in Information Security
• M.S. in Information Technology - Information Security
• M.S. in Information Technology - Mobility
• M.S. in Information Technology - Software Management

Materials Science and Engineering

• B.S. in Materials Science and Engineering (http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/materialsscienceandengineering/#curriculumtext)
• M.S. in Additive Manufacturing
• M.S. in Computational Materials Science and Engineering
• M.S. in Materials Science
• M.S. in Materials Science and Engineering
• M.S. in Materials Science & Engineering and Integrated Study in Computer Science
• Ph.D. in Materials Science
• Ph.D. in Materials Science and Engineering

Mechanical Engineering

• B.S. in Mechanical Engineering (http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofmechanicalengineering/#curriculumtext)
• M.S. in Mechanical Design and Manufacturing
• M.S. in Mechanical Engineering
• M.S. in Mechanical Engineering - Advanced Study
• M.S. in Mechanical Engineering - Research
• Ph.D. in Mechanical Engineering
College of Fine Arts

Architecture
• B. of Architecture (http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofarchitecture/#curriculumtext) (5-year program)
• B.A. in Architecture
• M. of Advanced Architectural Design
• M. of Architecture
• M.S. in Architecture
• M.S. in Building Performance and Diagnostics
• M.S. in Computational Design
• M.S. in Sustainable Design
• M.S. in Sustainable Design (Advanced Studies)
• M. of Urban Design
• D. of Professional Practice in Advanced Architectural Design
• D. of Professional Practice in Architecture
• Ph.D. in Architecture
• Ph.D. in Building Performance and Diagnostics
• Ph.D. in Computational Design

Design
• B. of Design (http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofdesign/#first_yeartext)
• M.A. in Design
• M. of Design in Design for Interactions
• M. of Design in Interaction Design
• M. of Professional Studies in Design for Interactions
• D. of Design
• Ph.D. in Communication De
• Ph.D. in Design

Drama
• B.F.A. in Drama (http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofdrama/#curriculumtext)
• M.F.A. in Drama
• M.F.A. in Costume Design
• M.F.A. in Costume Production
• M.F.A. in Directing
• M.F.A. in Dramatic Writing
• M.F.A. in Lighting Design
• M.F.A. in Scene Design
• M.F.A. in Sound Design
• M.F.A. in Stage and Production Management
• M.F.A. in Technical Direction
• M.F.A. in Video and Media Design

Music
• B.F.A. in Music (Composition) (http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofmusic/#musiccurriculumtext)
• B.F.A. in Music Performance (http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofmusic/#musiccurriculumtext) (various disciplines)
• B.S. in Music and Technology (http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofmusic/#bsinmusicandtechnologytext) (jointly with the Department of Electrical and Computer Engineering and the School of Computer Science)
• M. Music in Composition
• M. Music in Music Education
• M. Music in Performance (various disciplines)

Dietrich College of Humanities and Social Sciences

Interdepartmental
• B.S. in Economics and Mathematical Sciences (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/interdepartmentalmajors/#majorineconomicsandmathematicalsciencestext) (jointly offered by the Undergraduate Economics Program and the Department of Mathematical Sciences)
• B.S. in Economics and Politics (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/undergraduateeconomicsprogram/#bseconomicsandpoliticstext) (jointly offered by the Undergraduate Economics Program and Institute for Politics and Strategy)
• B.S. in Economics and Statistics (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/interdepartmentalmajors/#majorineconomicsandstatisticstext) (jointly offered by the Department of Statistics and Data Science and the Undergraduate Economics Program)
• B.A./B.S.in Ethics, History, and Public Policy (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/interdepartmentalmajors/#majorinethicshistoryandpublicpolicytext) (jointly offered by the Departments of History and Philosophy)
• B.S. in Information Systems (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/informationsystems/#curriculumtext)
• B.A. in Linguistics (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/interdepartmentalmajors/#majorinlinguistictext) (jointly offered by the Departments of English, Modern Languages, Philosophy, and Psychology)
• B.S. in Neuroscience (http://coursecatalog.web.cmu.edu/intercollegeprograms/#bachelorofscienceneurosciencetext) (jointly offered by the Department of Biological Sciences and the Center for the Neural Basis of Cognition)
• B.S. in Psychology and Biological Sciences (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/interdepartmentalmajors/#majorinpsychologyandbiologicalsciencetext) (jointly offered by the Departments of Psychology and Biological Sciences)
• B.S. in Statistics and Machine Learning (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofstatistics/#statsmtext) (jointly offered by the Department of Statistics and Data Science and the School of Computer Science)

Center for the Neural Basis of Cognition
• Ph.D. in Neural Computation
• Ph.D. in Neural Computation and Machine Learning
• Ph.D. in Neural Computation and Statistics

Economics
(jointly offered by Dietrich College and Tepper School of Business unless otherwise noted)
• B.A. in Economics (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/undergraduateeconomicsprogram/#bseconomicscurriculumtext)
• B.S. in Economics (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/undergraduateeconomicsprogram/#bseconomicscurriculumtext)
• Ph.D. in Economics (Tepper only)
• Ph.D. in Economics and Public Policy (Tepper only, jointly with Heinz College)

English
• B.A. in Creative Writing (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofenglish/#baincreativewritingtext)
• B.A. in Film and Visual Media (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofenglish/#bainfilmandvisualmediatext)

Science and the School of Computer Science)

• M.S. in Music and Technology (jointly with the Department of Electrical and Computer Engineering and the School of Computer Science)
Degrees Offered

Psychology
- B.A./B.S. in Psychology (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofpsychology/#psych_majortext)
- B.S. in Cognitive Science (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofpsychology/#cognitive_sciencetext)
- Ph.D. in Cognitive Neuroscience
- Ph.D. in Psychology
- Ph.D. in Psychology and Behavioral Decision Research (jointly with the Department of Social and Decision Sciences)

Social and Decision Sciences
- B.A. in Behavioral Economics, Policy, and Organizations (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofsocialanddecisionsciences/#majorinbehavioraleconomicspolicyandorganizationstext)
- B.S. in Decision Science (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofsocialanddecisionsciences/#majorstext)
- B.S. in Policy and Management (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofsocialanddecisionsciences/#majorpolicyandmanagementtext)
- M.S. in Behavioral Decision Research
- M.S. in Social and Decision Sciences
- Ph.D. in Behavioral Decision Research
- Ph.D. in Behavioral Economics (jointly with Tepper School of Business)
- Ph.D. in Behavioral Marketing and Decision Research (jointly with Tepper School of Business)
- Ph.D. in Psychology and Behavioral Decision Research (jointly with the Department of Psychology)
- Ph.D. in Social and Decision Sciences

Statistics and Data Science
- B.S. in Statistics (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofstatistics/#binstatisticstext)
- B.S. in Statistics (Mathematical Sciences Track)
- B.S. in Statistics (Statistics and Neuroscience Track)
- B.S. in Statistics and Machine Learning (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofstatistics/#statsmltextcontainer)
- M. of Statistical Practices
- Ph.D. in Neural Cognition and Statistics (jointly with the Center for the Neural Basis of Cognition)
- Ph.D. in Statistics
- Ph.D. in Statistics and Engineering and Public Policy (jointly with the Department of Engineering and Public Policy)
- Ph.D. in Statistics and Machine Learning (jointly with the Department of Machine Learning)
- Ph.D. in Statistics and Public Policy (jointly with the Heinz College)

Politics and Strategy
- B.S. in International Relations and Politics (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/instituteforpoliticsandstrategy/#majorinternationalrelationsandpoliticstext)
- M.S. in International Relations and Politics

Modern Languages
- B.A. in Chinese Studies (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#chinesestudiestext)
- B.A. in French and Francophone Studies (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#frenchandfrancophonestudiestext)
- B.A. in German Studies (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#germanstudiestext)
- B.A. in Hispanic Studies (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#hispanicstudiestext)
- B.A. in Japanese Studies (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#japanesestudiestext)
- B.A. in Russian Studies (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#russianstudiestext)
- M.A. in Applied Second Language Acquisition
- M.A. in Second Language Acquisition
- Ph.D. in Second Language Acquisition

Philosophy
- B.A. in Philosophy (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofphilosophy/#majorinphilosophytext)
- B.S. in Logic and Computation (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofphilosophy/#majorinlogicandcomputationstext)
- M.A. in Philosophy
- M.S. in Logic, Computation and Methodology
- Ph.D. in Logic, Computation and Methodology
- Ph.D. in Philosophy
- Ph.D. in Pure and Applied Logic

History
- B.A. in Global Studies (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofhistory/#baglobalsudiestext)
- B.A./B.S. in Social and Political History (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofhistory/#babinsocialandpoliticalhistorytext)
- M.A. in History
- Ph.D. in History

B.A in Literature and Culture (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departamentofenglish/#bainenglishtext)
B.A. in Professional Writing (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departamentofenglish/#bainprofesionalwritingstext)
B.S. in Technical Writing and Communication (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofenglish/#bistenwritingcommunicationstext)
M.A. in Global Communication and Applied Translation
M.A. in Literary and Cultural Studies
M.A. in Professional Writing
M.A. in Rhetoric
Ph.D. in Literary and Cultural Studies
Ph.D. in Rhetoric

B.A. in Chinese Studies (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#chinesestudiestext)
B.A. in French and Francophone Studies (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#frenchandfrancophonestudiestext)
B.A. in German Studies (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#germanstudiestext)
B.A. in Hispanic Studies (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#hispanicstudiestext)
B.A. in Japanese Studies (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#japanesestudiestext)
B.A. in Russian Studies (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#russianstudiestext)
M.A. in Applied Second Language Acquisition
M.A. in Second Language Acquisition
Ph.D. in Second Language Acquisition

B.A. in Philosophy (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofphilosophy/#majorinphilosophytext)
B.S. in Logic and Computation (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofphilosophy/#majorinlogicandcomputationstext)
M.A. in Philosophy
M.S. in Logic, Computation and Methodology
Ph.D. in Logic, Computation and Methodology
Ph.D. in Philosophy
Ph.D. in Pure and Applied Logic

B.A. in International Relations and Politics (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/instituteforpoliticsandstrategy/#majorinternationalrelationsandpoliticstext)
M.S. in International Relations and Politics
H. John Heinz III College

School of Information Systems & Management

Information Security
• M.S. in Information Security Policy and Management

Information Systems
• M. of Information Systems Management
• M. of Information Systems Management in Business Intelligence and Data Analytics
• Ph.D. in Information Systems and Management

Information Technology
• M.S. in Information Technology (Business Intelligence and Data Analytics)
• M.S. in Information Technology (IT Management)
• M.S. in Information Technology (Information Security and Assurance)
• M.S. in Information Technology (Software Design and Management)

School of Public Policy & Management

Arts Management
• M. of Arts Management (jointly with the College of Fine Arts)
• M. of Arts Management (jointly with the College of Fine Arts) and Graduate Degree in Innovation and Organization of Culture and the Arts (jointly with the University of Bologna’s School of Economics)
• M. of Arts Management (jointly with the College of Fine Arts) and J.D. (jointly with the University of Pittsburgh School of Law)

Health Care Policy and Management
• M.S. in Health Care Analytics and Information Technology
• M.S. in Health Care Policy and Management
• M.S. in Health Care Policy and Management and M.B.A. (jointly with Tepper School of Business)

Medical Management
• M. of Medical Management

Public Management
• M. of Public Management

Public Policy and Management
• M.S. in Public Policy and Management
• M.S. in Public Policy and Management (Data Analytics)
• M.S. in Public Policy and Management and M.B.A. (jointly with Tepper School of Business)
• M.S. in Public Policy and Management and J.D. (jointly with the University of Pittsburgh School of Law)
• M.S. in Public Policy and Management and M. of Divinity (jointly with the Pittsburgh Theological Seminary)
• Ph.D. in Economics and Public Policy (jointly with the Tepper School of Business)
• Ph.D. in Machine Learning and Public Policy (jointly with the School of Computer Science)
• Ph.D. in Public Policy and Management
• Ph.D. in Statistics and Public Policy (jointly with Dietrich College of Humanities and Social Sciences)

Adelaide, South Australia Campus
• M.S. in Information Technology
• M.S. in Public Policy and Management

Mellon College of Science

Interdepartmental
• Ph.D. in Molecular Biophysics and Structural Biology

Biological Sciences
• B.A. in Biological Sciences (http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departamentofbiologicalsciences/#bainbiologicalsciencetext)
• B.S. in Biological Sciences (http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departamentofbiologicalsciences/#bsinbiologicalsciencetext)
• B.S. in Biological Sciences/Neuroscience Track (http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departamentofbiologicalsciences/#bsinbiologicalsciencesneurosciencetracktext)
• B.S. in Biological Sciences and Psychology (http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departamentofbiologicalsciences/#bsinbiologicalsciencesandpsychologytext) (jointly with the Department of Psychology)
• B.S. in Neuroscience (http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departamentofbiologicalsciences/#bsinneuroscientext) (jointly with the Department of Psychology)
• M.S. in Biological Sciences
• Ph.D. in Biological Sciences

Chemistry
• B.A. in Chemistry (http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofchemistry/#batestext)
• B.S. in Chemistry (http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofchemistry/#bstext)
• B.S. in Chemistry/Biological Chemistry Track (http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofchemistry/#bsinchemistrybiologicalchemistrytracktext)
• M.S. in Chemistry
• M.S. in Colloids, Polymers, and Surfaces (jointly with the Department of Chemical Engineering)
• Ph.D. in Chemistry

Mathematical Sciences
• B.S. in Mathematical Sciences (http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofmathematicalsciences/#curriculumtext)
• M.S. in Algorithms, Combinatorics, and Optimization
• M.S. in Mathematical Sciences
• M.S. in Computational Finance (jointly with the Department of Statistics, the H. John Heinz III College, and the Tepper School of Business)
• D.A. in Mathematical Sciences
• Ph.D. in Algorithms, Combinatorics, and Optimization
• Ph.D. in Mathematical Finance
• Ph.D. in Mathematical Sciences
• Ph.D. in Pure and Applied Logic (jointly with the Department of Philosophy and the School of Computer Science)

Physics
• B.A. in Physics (http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofphysics/#physicstext)
• B.S. in Physics (http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofphysics/#bsinphysicalsciencetext)
• M.S. in Physics
• Ph.D. in Applied Physics
• Ph.D. in Physics

School of Computer Science

SCS College-Wide
• B.S. in Artificial Intelligence (http://coursecatalog.web.cmu.edu/schools-colleges/schoolofcomputerscience/artificialintelligence/#curriculumtext)
Computer Science
- B.S. in Computer Science (http://coursecatalog.web.cmu.edu/schools-colleges/schoolofcomputerscience/undergraduatecomputerscience/bscurriculumtext (jointly with the Institute for Software Research))
- B.S. in Music and Technology (http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofmusic/#bsinmusicandtechnologystext (jointly with the Departments of Electrical and Computer Engineering and Music))
- M.S. in Computer Science
- M.S. in Computer Science - Foundational Studies
- M.S. in Computer Science - Research
- M.S. in Computer Science - Research Thesis
- M.S. in Computer Science (5th Year Scholars Program only)
- Ph.D. in Algorithms, Combinatorics and Optimization (jointly with the Department of Mathematical Sciences and Tepper School of Business)
- Ph.D. in Computer Science
- Ph.D. in Pure and Applied Logic (jointly with the Department of Mathematical Sciences and the Department of Philosophy)

Computational Biology Department
- B.S. in Computational Biology (http://coursecatalog.web.cmu.edu/schools-colleges/schoolofcomputerscience/undergraduatecomputationalbiology/bscurriculumtext)
- M.S. in Automated Science - Biological Experimentation
- M.S. in Computational Biology
- Ph.D. in Computational Biology

Human-Computer Interaction
- M. of Human-Computer Interaction
- M. of Human-Computer Interaction (5th Year Scholars Program only)
- M. of Educational Technology & Applied Learning Sciences (jointly with the Dietrich College of Humanities and Social Sciences)
- M.S. in Product Management (jointly with Tepper School of Business)
- Ph.D. in Human-Computer Interaction

Institute for Software Research
- M. of Software Engineering in Embedded Systems
- M. of Software Engineering in Scalable Systems
- M. of Software Engineering in Software Engineering
- M.S. in Information Technology - Privacy Engineering
- Ph.D. in Societal Computing
- Ph.D. in Software Engineering

Language Technologies Institute
- M.S. in Artificial Intelligence and Innovation
- M.S. in Intelligent Information Systems
- M.S. in Intelligent Information Systems - Advanced Study
- M.S. in Language Technologies
- M. of Computational Data Science
- Ph.D. in Language and Information Technologies

Machine Learning
- M.S. in Machine Learning
- M.S. in Machine Learning (5th Year Scholars Program only)
- Ph.D. in Machine Learning
- Ph.D. in Machine Learning & Public Policy (jointly with the Heinz College)
- Ph.D. in Neural Computation and Machine Learning (jointly with Center for Neural Basis of Cognition)
- Ph.D. in Statistics and Machine Learning (jointly with the Dietrich College of Humanities and Social Sciences)

Robotics Institute
- M.S. in Computer Vision
- M.S. in Robotics
- M.S. in Robotics (5th Year Scholars Program only)
- M.S. in Robotic Systems Development
- Ph.D. in Robotics

David A. Tepper School of Business

Business Administration
- B.S. in Business Administration (http://coursecatalog.web.cmu.edu/schools-colleges/tepper/undergraduatebusinessadministrationprogram/#bsinbusinessadministrationtext)
- B.S. in Economics (http://coursecatalog.web.cmu.edu/schools-colleges/tepper/undergraduateeconomicstext)
- B.S. in Economics and Mathematical Sciences (http://coursecatalog.web.cmu.edu/schools-colleges/tepper/undergraduateeconomicstext)
- B.S. in Economics and Statistics (http://coursecatalog.web.cmu.edu/schools-colleges/tepper/undergraduateeconomicstext)
- B.S. in Economics and Statistics (jointly offered by Dietrich College, the Department of Mathematical Sciences, and Tepper School of Business)
- B.S. in Economics and Politics (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/undergraduateeconomicstext)
- B.S. in Economics and Politics (jointly offered by the Undergraduate Economics Program and Institute for Politics and Strategy)
- B.S. in Economics and Psychology (http://coursecatalog.web.cmu.edu/schools-colleges/tepper/undergraduateeconomicstext)
- B.S. in Economics and Psychology (jointly offered by the Tepper School of Business and the Department of Statistics and Data Science)

Industrial Administration
- M. of Business Administration (M.B.A.)
- M.B.A./M.S. in Public Policy Management (jointly with Heinz College)
- M.B.A./M.S. in Civil and Environmental Engineering (in association with Carnegie Institute of Technology)
- M.B.A. and J.D. in Law (jointly with the University of Pittsburgh Law School)
- M.B.A./M.S. in Health Care Policy Management (jointly with Heinz College)
- M.B.A./M.S. in Software Engineering (jointly with the School of Computer Science)
- M.S. in Business Analytics
- M.S. in Computational Finance (jointly with Dietrich College, the Mellon College of Science, and Heinz College)
- M.S. in Product Management
- Ph.D. in Accounting
- Ph.D. in Algorithms, Combinatorics, and Optimization (jointly with the School of Computer Science and Department of Mathematical Sciences)
- Ph.D. in Economics
- Ph.D. in Finance
- Ph.D. in Information Systems
- Ph.D. in Management of Manufacturing and Automation (with Robotics Institute)
- Ph.D. in Marketing
- Ph.D. in Operations Management and Manufacturing
- Ph.D. in Operations Research
- Ph.D. in Organizational Behavior and Theory
- Ph.D. in Economics and Public Policy (jointly with Heinz College)
- Ph.D. in Strategy, Entrepreneurship, and Technological Change (jointly with the Department of Social and Decision Sciences, Heinz College, and the Department of Engineering and Public Policy)

University-Wide, Interdisciplinary, and Joint Degree Programs

Architecture-Engineering-Construction Management Program
- M.S. in Architecture-Engineering-Construction Management (jointly with the Department of Civil and Environmental Engineering and the School of Architecture)
• Ph.D. in Architecture-Engineering-Construction Management (jointly
with the Department of Civil and Environmental Engineering and the
School of Architecture)

BXA Intercollege Degree Programs
• B. of Computer Science and Arts (http://coursecatalog.web.cmu.edu/intercollegeprograms/bxaintercollege/#bcasa_programtext) (jointly with the School of Computer Science and the College of Fine Arts)
• B. of Humanities and Arts (http://coursecatalog.web.cmu.edu/intercollegeprograms/bxaintercollege/#bha_programtext) (jointly with the Dietrich College of Humanities and Social Sciences and the College of Fine Arts)
• B. of Science and Arts (http://coursecatalog.web.cmu.edu/intercollegeprograms/bxaintercollege/#bsa_programtext) (jointly with the Mellon College of Science and the College of Fine Arts)
• B.S. in an engineering discipline with an additional major in Engineering and Arts (http://coursecatalog.web.cmu.edu/intercollegeprograms/bxaintercollege/#additionalmajortext) (jointly with the College of Engineering and College of Fine Arts)

Communication Planning and Information Design Program
• M. Design in Communication Planning and Information Design (jointly with the School of Design and the Department of English)

Computational Finance Program
• B.S. in Computational Finance (http://coursecatalog.web.cmu.edu/intercollegeprograms/#majorminorincomputationalfinancetext) (jointly with the Dietrich College of Humanities and Social Sciences, Heinz College, Mellon College of Science and Tepper School of Business)
• M.S. in Computational Finance (jointly with the Dietrich College of Humanities and Social Sciences, Heinz College, Mellon College of Science and Tepper School of Business)

Entertainment Technology Center
• M. of Entertainment Technology

Integrated Innovation Institute
• M. of Integrated Innovation for Products and Services
• M. of Integrated Innovation for Products and Services - Advanced Study
• M.S. in Software Management (Silicon Valley campus)
• M.S. in Technology Ventures

Science and Humanities Scholars Program
• B.A./B.S. in various disciplines (http://coursecatalog.web.cmu.edu/intercollegeprograms/#scienceandhumanitiesscholarsprogramtext) (jointly with the Dietrich College of Humanities and Social Sciences and the Mellon College of Science)

Carnegie Mellon University in Qatar

Qatar Biological Sciences
• B.S. in Biological Sciences

Qatar Business Administration
• B.S. in Business Administration

Qatar Computer Science
• B.S. in Computer Science
• B.S. in Computational Biology

Qatar Information Systems
• B.S. in Information Systems