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 discipline. 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/#courserequirementsfortheadditionalmajorstext)
- M.S. in Biomedical Engineering
- M.S. in Biomedical Engineering and Integrated Study in Computer Science
- Ph.D. in Biomedical Engineering
- Ph.D. 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
- M.S. in Colloids, Polymers and Surfaces
- 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 Advanced Infrastructure Systems
- 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 School of Computer Science)
- 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 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/#doublesmajorssttext)
- B.S. in CFA, DC, MCS, or SCS and an additional major in Science, Technology and Policy (http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofengineeringandpublicpolicy/#additionalmajorsjointstppcurriculumtext)
- 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 Additive Manufacturing
- M.S. in Computational 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.S. in Tangible Interaction Design
- 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

Art
- B.F.A. in Art (http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofart/#bfacurriculumtext)
- M.F.A. in Art

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 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/#bismusicandtechnologytext) (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)
- M.S. in Music Technology (jointly with the Department of Electrical and Computer Engineering 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)
- M.F.A. in Directing
- M.S. in Architecture
- M.F.A. in Lighting Design
- Ph.D. in Economics (Tepper only)
- Ph.D. in Economics and Public Policy (Tepper only, jointly with Heinz College)

Dietrich College of Humanities and Social Sciences

Interdepartmental
- B.S. in Economics and Mathematical Sciences (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/interdepartmentalmajors/#majorineconomicsandmathematicalsciencetext) (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/#bsineconomicsandpoliticstext) (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/#majorineconomicsandstatistics) (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/#majorinlinguistics) (jointly offered by the Departments of English, Modern Languages, Philosophy, and Psychology)
- B.S. in Neuroscience (http://coursecatalog.web.cmu.edu/intercollegeprograms/#bachelorofscienceinneurosciencetext) (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/#majorinpsychologyandbiologicsciencetext) (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/departmentsofstatistics/#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/#baeconomicscurriculumtext)
- B.S. in Economics (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/undergraduateeconomicsprogram/#bsineconomicscurriculumtext)

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)
• B.A. in Literature and Culture
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofenglish/bainenglishtext)
• B.A. in Professional Writing
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofenglish/bainprofessionalwritingtext)
• B.S. in Technical Writing and Communication
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofenglish/ bistintechnicalwritingandcommunicationtext)
• 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

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

Modern Languages
• B.A. in Chinese Studies
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/bachinesestudiesystext)
• B.A. in French and Francophone Studies
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/bafrenchandfrancophonestudiesystext)
• B.A. in German Studies
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/bagermanstudiesystext)
• B.A. in Hispanic Studies
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/bahispanicstudiesystext)
• B.A. in Japanese Studies
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/bajapansestudiesystext)
• B.A. in Russian Studies
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/barussianstudiesystext)
• 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/ bainphilosophystext)
• B.S. in Logic and Computation
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofphilosophy/bainlogicandcomputationtext)
• 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

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

Degrees Offered

Psychology
• B.A./B.S. in Psychology
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofpsychology/bainpsychmajortext)
• B.S. in Cognitive Science
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofpsychology/baincognitivestnicetext)
• 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/bainbehavioraleconomicspolicyandorganizationstext)
• B.S. in Decision Science
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofsocialanddecisionsciences/baindecisionsciencestext)
• B.S. in Policy and Management
  (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofsocialanddecisionsciences/bainpolicyandmanagementtext)
• 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/ bainstatisticstext)
• 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/ bainstatisticcontainer)
• 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)
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/departmentofbiologicalsciences/#bainbiologicalsciencetext](http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bainbiologicalsciencetext))
- B.S. in Biological Sciences ([http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bsinbiologicalsciencetext](http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bsinbiologicalsciencetext))
- B.S. in Biological Sciences/Neuroscience Track ([http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bsinbiologicalsciencenesneurosciencetracktext](http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bsinbiologicalsciencenesneurosciencetracktext))
- B.S. in Biological Sciences and Psychology ([http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bsinbiologicalsciencesandpsychologystext](http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bsinbiologicalsciencesandpsychologystext)) (jointly with the Department of Psychology)
- B.S. in Neuroscience ([http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bsinnerviologystext](http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bsinnerviologystext)) (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/#batext](http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofchemistry/#batext))
- B.S. in Chemistry ([http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofchemistry/#bsatext](http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofchemistry/#bsatext))
- B.S. in Chemistry/Biological Chemistry Track ([http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofchemistry/#bsinchemistrybiologicalchemistrytracktext](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/#curriculatext](http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofmathematicalsciences/#curriculatext))
- 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/#bainphysicstext](http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofphysics/#bainphysicstext))
- B.S. in Physics ([http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofphysics/#bsinphysicstext](http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofphysics/#bsinphysicstext))
- 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](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/#bcurriculumtext) (jointly with the Institute for Software Research)
- B.S. in Music and Technology (http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/collegeofmusic/#bsinmusicandtechnologytext) (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/#bcurriculumtext)
- 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.A. in Economics (http://coursecatalog.web.cmu.edu/schools-colleges/tepper/undergraduatebusinessadministrationprogram/#bsineconomicsandmathematicalsciencetext)
- B.S. in Economics and Mathematical Sciences (http://coursecatalog.web.cmu.edu/schools-colleges/tepper/undergraduatebusinessadministrationprogram/#bsineconomicsandmathematicalsciencetext)

Economics (jointly with Dietrich College of Humanities and Social Sciences)
- B.A. in Economics (http://coursecatalog.web.cmu.edu/schools-colleges/tepper/undergraduatebusinessadministrationprogram/#bsineconomicsandmathematicalsciencetext)

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/#bcsa_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/#majorminorcomputationalfinancetext) (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