Degrees Offered

The following list shows all primary degrees offered for both undergraduate and graduate students at Carnegie Mellon University.

Carnegie Institute of Technology

Interdepartmental
- M.S. in Engineering and Technology Innovation Management
- M.S. in Energy Science, Technology and Policy (jointly offered by Civil and Environmental Engineering and Materials Science and Engineering)

Biomedical Engineering
- B.S. in an engineering discipline and Biomedical Engineering (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/carnegieinstituteoftechnology/departmentofbiomedicalengineering)
- M.S. in Biomedical Engineering
- Ph.D. in Biomedical Engineering

Chemical Engineering
- B.S. in Chemical Engineering (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/carnegieinstituteoftechnology/departmentofchemicalengineering)
- M. Chemical Engineering
- M. Chemical Engineering and Colloids, Polymers and Surfaces
- M.S. in Chemical Engineering
- M.S. in Chemical Engineering and Colloids, Polymers and Surfaces
- M.S. in Colloids, Polymers and Surfaces (jointly with Mellon College of Science)
- Ph.D. in Chemical Engineering

Civil and Environmental Engineering
- B.S. in Civil Engineering (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/carnegieinstituteoftechnology/departmentofcivilandenvironmentalengineering)
- M.S. in Advanced Infrastructure Systems
- M.S. in Civil and Environmental Engineering
- M.S. in Civil Engineering
- M.S. in Civil and Environmental Engineering and Management (jointly with the Tepper School of Business)
- M.S. in Computational Mechanics
- M.S. in Energy Science, Technology and Policy (jointly with Materials Science and Engineering)
- M.S. in Environmental Engineering
- M.S. in Environmental Management and Science
- Ph.D. in Advanced Infrastructure Systems
- Ph.D. in Civil and Environmental Engineering
- Ph.D. in Civil and Environmental Engineering/Engineering and Public Policy (dual degree offered with Engineering and Public Policy)
- Ph.D. in Civil Engineering
- 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 (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/carnegieinstituteoftechnology/departmentofelectricalandcomputerengineering)
- 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 Music and Technology (jointly with the Department of Music and the School of Computer Science)
- Ph.D. in Electrical and Computer Engineering

Engineering and Public Policy
- B.S. in an engineering discipline and Engineering and Public Policy (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/carnegieinstituteoftechnology/departmentofengineeringandpublicpolicy/#overviewoftheepp doublemajor)
- 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 and Public Policy and Statistics (jointly with the Department of Statistics)

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

Mechanical Engineering
- B.S. in Mechanical Engineering (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/carnegieinstituteoftechnology/departmentofmechanicalengineering/#curriculum)
- M.S. in Computational Design and Manufacturing
- M.S. in Mechanical Engineering
- Ph.D. in Mechanical Engineering

Materials Science and Engineering
- B.S. in Materials Science and Engineering (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/carnegieinstituteoftechnology/materialsscienceandengineering)
- M.S. in Materials Science
- M.S. in Materials Science and Engineering
- Ph.D. in Materials Science and Engineering

Silicon Valley Campus
- M.S. in Software Engineering
- M.S. in Software Engineering - Development Management
- M.S. in Software Management

College of Fine Arts

Architecture
- B. of Architecture (5-year program) (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/collegeoffinearts/schoolofarchitecture/#bachelorofarchitectureprogram)
- M.S. in Architecture
- M.S. in Building Performance and Diagnostics
- M.S. in Computational Design
- M.S. in Sustainable Design
- M. of Tangible Interaction Design
- M. of Urban Design
- D. of Professional Practice in Architecture
- Ph.D. in Building Performance and Diagnostics
- Ph.D. in Computational Design

Art
- B.F.A. in Art (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/collegeoffinearts/schoolofart/#bacheloroffineartsbfa curriculum)
- M.F.A. in Art

Design
- B.F.A. in Communication Design (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/collegeoffinearts/schoolof design/#bfaincommunicationdesign)
• B.F.A. in Industrial Design (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/collegeoffinearts/schoolofdesign/#bfinindustrialdesign)
• M. Design in Interaction Design
• Ph.D. in Design

Drama
• B.F.A. in Drama (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/collegeoffinearts/schoolofdrama)
• M.F.A. in Costume Design
• M.F.A. in Dramatic Writing
• M.F.A. in Lighting Design
• M.F.A. in Production Technology and Management
• M.F.A. in Scene Design
• M.F.A. in Sound Design
• M.F.A. in Video and Media Design

Music
• B.F.A. in Music Composition (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/collegeoffinearts/schooloffmusic/#generalrequirementsforbacandidates)
• B.S. in Music and Technology (jointly with the Department of Electrical and Computer Engineering and the School of Computer Science) (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/collegeoffinearts/schooloffmusic/#bachelorofsciencesinmusicandtechnology)
• M. Music in Composition
• M. Music in Conducting
• M. Music in Music Education
• M. Music in Performance
• M.S. in Music and Technology (jointly with the Department of Electrical and Computer Engineering and the School of Computer Science)

Dietrich College of Humanities and Social Sciences

Interdepartmental
• B.S. in Economics and Mathematical Sciences (jointly offered by the Undergraduate Economics Program and the Department of Mathematical Sciences) (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/undergraduateeconomicsprogram/#bseconomicsandmathematicalsciences)
• B.S. in Economics and Statistics (jointly offered by the Department of Statistics and the Undergraduate Economics Program) (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/undergraduateeconomicsprogram/#bseconomicsandstatisticssciences)
• B.A./B.S. in Ethics, History, and Public Policy (jointly offered by the Departments of History and Philosophy) (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/interdepartmentalmajors/#themajorineconomicsandstatisticssciences)
• B.A. in European Studies (jointly offered by the Departments of Modern Languages and History) (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/interdepartmentalmajors/#themajorineuropeaneuropeans)
• B.S. in Information Systems (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/informationsystems)
• B.A. in Linguistics (jointly offered by the Departments of English, Modern Languages, Philosophy, and Psychology) (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/interdepartmentalmajors/#themajorinlinguistics)
• B.S. in Psychology and Biological Sciences (jointly offered by the Department of Psychology and the Department of Biological Sciences) (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofpsychology/#unifieddoublemajorinpsychologyandbiologicalsciences)

Center for the Neural Basis of Cognition
• Ph.D. in Neural Computation

Economics (jointly offered by Dietrich College and Tepper School of Business unless otherwise noted)
• B.A. in Economics (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/undergraduateeconomicsprogram/#bseconomics)
• B.S. in Economics (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/undergraduateeconomicsprogram/#bseconomics)
• 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 (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofenglish/#thebaincreativewriting)
• B.A. in English (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofenglish/#thebainenglish)
• B.A. in Professional Writing (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofenglish/#thebainprofessionalwriting)
• B.S. in Technical Writing and Communication (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofenglish/#thesintechwritingampcommunication)
• M.A. in Literary and Cultural Studies
• M.A. in Professional Writing
• M.A. in Rhetoric
• M. Litt in Investigative Journalism (jointly with the University of Strathclyde [Glasgow, Scotland])
• M. Litt in Renaissance and Early Modern Studies (jointly with the University of Strathclyde [Glasgow, Scotland])
• Ph.D. in Literary and Cultural Studies
• Ph.D. in Rhetoric

History
• B.A. in History (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofhistory/#thebainhistory)
• B.A. in Global Studies (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofhistory/#thebainglobalstudies)
• M.A. in History
• Ph.D. in History

Modern Languages
• B.A. in Chinese Studies (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#themajorinchronesestudies)
• B.A. in French and Francophone Studies (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#themajorinfrenchandfrancophones)
• B.A. in German Studies (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#themajoringermanstudies)
• B.A. in Hispanic Studies (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#themajorinhispanicstudies)
• B.A. in Russian Studies (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#themajorinrussianstudies)
• M.A. in Applied Second Language Acquisition
• M.A. in Second Language Acquisition
• Ph.D. in Second Language Acquisition
Philosophy
• B.A. in Philosophy (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofphilosophy/#themajorinphilosophy)
• B.S. in Logic and Computation (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofphilosophy/#themajorinlogicandcomputation)
• 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

Psychology
• B.A./B.S. in Psychology (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofpsychology/#themajorinpsychology)
• B.S. in Cognitive Science (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofpsychology/#themajorincognitivescience)
• 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.S. in Decision Science (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofsocialanddecisionsciences/#themajorindecisionscience)
• B.S. in International Relations and Politics (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofsocialanddecisionsciences/#themajorinternationalrelationsandpolitics)
• B.S. in Policy and Management (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofsocialanddecisionsciences/#themajorinpolicyandmanagement)
• M.S. in Behavioral Decision Research
• M.S. in Information Technology Strategy (jointly with the Tepper School of Business, Heinz College, and the Department of Social and Decision Sciences)
• M.S. in Social and Decision Sciences
• M.S. in Strategy, Entrepreneurship, and Technological Change (jointly with the Tepper School of Business, Heinz College, and the Department of Engineering and Public Policy)
• Ph.D. in Behavioral Decision Research
• Ph.D. in Psychology and Behavioral Decision Research (jointly with the Department of Psychology)
• Ph.D. in Social and Decision Sciences
• Ph.D. in Strategy, Entrepreneurship, and Technological Change (jointly with the Tepper School of Business, Heinz College, and the Department of Engineering and Public Policy)

Statistics
• B.S. in Statistics (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/dietrichcollegeofhumanitiesandsocialsciences/departmentofstatistics/#themajorinstatistics)
• 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)

Information Systems Management
• M. of Information Systems Management
• Ph.D. in Information Systems Management

Information Technology
• M.S. in Information Technology
• M.S. in Information Technology - Information Security and Assurance
• M.S. in Information Technology - Information System Management
• M.S. in Information Technology - Information Technology Management
• M.S. in Information Technology - Software Design and Management
• M.S. in Information Technology - Software Engineering (jointly with the School of Computer Science)

School of Public Policy & Management

Arts Management
• M. of Arts Management (jointly with the College of Fine Arts and Heinz College)
• M. of Arts Management (jointly with the College of Fine Arts and Heinz College) 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 Heinz College) and J.D. (jointly with the University of Pittsburgh School of Law)

Biotechnology and Management
• M.S. in Biotechnology and Management (jointly with Mellon College of Science and Tepper School of Business)

Entertainment Industry Management
• M. of Entertainment Industry Management (jointly with the College of Fine Arts and Heinz College)

Health Care Policy and Management
• 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 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 Public Policy and Management
• 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 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

Biological Sciences
• B.A. in Biological Sciences (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/melloncollegeofscience/departmentofbiologicalsciences/#abiologicalsciences)
• B.S. in Biological Sciences (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/melloncollegeofscience/departmentofbiologicalsciences/#bsbiologicalsciences)
• B.S. in Biological Sciences/Neuroscience Track

H. John Heinz III College

School of Information Systems & Management

Information Security Policy and Management
• M.S. in Information Security Policy and Management
School of Computer Science

Mathematical Sciences
- B.S. in Mathematics (link)
- B.S. in Mathematical Sciences (link)
- B.S. in Statistics (link)
- B.S. in Computational Finance (jointly with the Tepper School of Business)
- B.S. in Algorithms, Combinatorics, and Optimization
- M.S. in Mathematical Sciences
- M.S. in Statistics and Machine Learning (jointly with Dietrich College of Humanities and Social Sciences)

School of Engineering

Chemistry
- B.A. in Chemistry (link)
- B.S. in Chemistry (link)
- 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 Applied Mathematics (link)
- B.S. in Pure and Applied Logic (jointly with the Department of Philosophy and the School of Computer Science)
- B.S. in Mathematical Sciences
- B.S. in Algorithms, Combinatorics, and Optimization
- M.S. in Mathematical Sciences
- M.A. in Algorithms, Combinatorics, and Optimization
- M.S. in Algorithms, Combinatorics, and Optimization
- Ph.D. in Computer Science

Economics
- B.A. in Economics (link)
- B.S. in Economics (link)
- B.A. in Economics (link)
- B.S. in Economics and Mathematical Sciences (jointly offered by Dietrich College, Mellon College of Science, and Heinz College)
- B.S. in Economics and Statistics (jointly offered by Tepper School of Business and the Department of Statistics)
- B.S. in Business Administration (link)
- M.B.A. in Business Administration
- M.B.A./M.S.C.F in Business Management and Computational Finance (jointly with Dietrich College, Mellon College of Science, and Heinz College)

Human-Computer Interaction
- M.S. in Human-Computer Interaction
- M. of Human-Computer Interaction
- M. of Educational Technology & Applied Learning Sciences (jointly with the Dietrich College of Humanities and Social Sciences)
- Ph.D. in Human-Computer Interaction

Institute for Software Research
- M. of Software Engineering

Language Technologies Institute
- M.S. in Language Technologies
- M.S. in Biotechnology Innovation and Computation (jointly with the Lane Center for Computational Biology)
- Ph.D. in Language Technologies

Machine Learning
- M.S. in Machine Learning
- Ph.D. in Machine Learning
- Ph.D. in Machine Learning & Public Policy (jointly with the Heinz College)
- Ph.D. in Statistics and Machine Learning (jointly with the Dietrich College of Humanities and Social Sciences)

Robotics Institute
- M.S. in Robotics Technology
- M.S. in Robotic Systems Development
- Ph.D. in Robotics

David A. Tepper School of Business
- B.A. in Economics (link)
- B.S. in Economics (link)
- B.S. in Economics and Mathematical Sciences (jointly offered by Dietrich College, the Department of Mathematical Sciences, and Tepper School of Business) (link)
- B.S. in Economics and Statistics (jointly offered by Tepper School of Business and the Department of Statistics) (link)
- B.S. in Business Administration (link)
- M.B.A. in Business Administration
• M.B.A./M.S.P.P.M. in Business Management and Public Policy Management (jointly with Heinz College)
• M.B.A./M.S.C.E.E. in Business Management and Civil and Environmental Engineering (in association with Carnegie Institute of Technology)
• M.B.A in Business Management and J.D. in Law (jointly with the University of Pittsburgh Law School)
• M.B.A/M.H.C.P.M. in Business Management and Health Care Policy (jointly with Heinz College)
• M.B.A/ M.S.S.E. in Business Management and Software Engineering (jointly with the School of Computer Science)
• M.S. in Computational Finance (jointly with Dietrich College, the Mellon College of Science, and Heinz College)
• 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, Intercollege, 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 Humanities and Arts (jointly with the Dietrich College of Humanities and Social Sciences and the College of Fine Arts) (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/servicesandoptions/intercollegeprograms/bxaintercollege/#bachelorofhumanitiesandsartsdegreeprogram)
• B. of Science and Arts (jointly with the Mellon College of Science and the College of Fine Arts) (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/servicesandoptions/intercollegeprograms/bxaintercollege/#bachelorofscienceandartsdegreeprogram)
• B. of Computer Science and Arts (jointly with the School of Computer Science and the College of Fine Arts) (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/servicesandoptions/intercollegeprograms/bxaintercollege/#bachelorofcomputerscienceandartsdegreeprogram)

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 (jointly with the College of Humanities and Social Sciences, Heinz College, Mellon College of Science and Tepper School of Business) (link) (http://coursecatalog.web.cmu.edu/previous/2013-2014/servicesandoptions/intercollegeprograms/#bachelorofscienceincomputationalfinance)
• M.S. in Computational Finance (jointly with the College of Humanities and Social Sciences, Heinz College, Mellon College of Science and Tepper School of Business)

Entertainment Technology Center
• M. of Entertainment Technology

Qatar Biological Sciences
• B.S. in Biological Sciences
• B.S. in Computational Biology

Qatar Business Administration
• B.S. in Business Administration

Qatar Computer Science
• B.S. in Computer Science

Qatar Information Systems
• B.S. in Information Systems