

# Degrees Offered

As a leading, global research university, Carnegie Mellon University sets its own course. With cutting-edge brain science, path-breaking performances, innovative startups, driverless cars, big data, big ambitions, Nobel and Turing prizes, hands-on learning and a whole lot of robots, CMU doesn't just 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 undergraduate degrees offered, select a school or college above. Lists of additional majors and minors are maintained by each school or college elsewhere in the catalog. Masters and doctoral programs are listed on the Graduate Degrees (<http://coursecatalog.web.cmu.edu/degreesoffered/graduate-degrees/>) page.

## College of Engineering

### Biomedical Engineering

- B.S. in an engineering discipline with an additional major in Biomedical Engineering (<http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofbiomedicalengineering/#courserequirementsfortheaditionalmajordegreertext>)
- B.S. in CFA, DC, MCS, or SCS and an additional major in Biomedical Technology (<http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofbiomedicalengineering/#additionalmajorinbiomedicaltechnologybmtforanonengineeringmajorstext>)

### Chemical Engineering

- B.S. in Chemical Engineering (<http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofchemicalengineering/#curriculumtext>)

### Civil and Environmental Engineering

- B.S. in Civil Engineering (<http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofcivilandenvironmentalengineering/#curriculumtext>)
- B.S. in Environmental Engineering (<http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofcivilandenvironmentalengineering/#curriculumbsenvironmentalengineeringtextcontainer>)

### 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 (<http://coursecatalog.web.cmu.edu/intercollegeprograms/#bachelorscienceinmusicandtechnologytextcontainer>) (jointly with the Department of Music and the School of Computer Science)

### 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/#doublemajorcurriculumtext>)
- B.S. in CFA, DC, MCS, or SCS and an additional major in Science, Technology and Public Policy (<http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofengineeringandpublicpolicy/#additionalmajorinstppcurriculumtext>)

### Materials Science and Engineering

- B.S. in Materials Science and Engineering (<http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/materialsscienceandengineering/#curriculumtext>)

### Mechanical Engineering

- B.S. in Mechanical Engineering (<http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/departmentofmechanicalengineering/#curriculumtext>)

## College of Fine Arts

### Architecture

- Bachelor of Architecture (<http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofarchitecture/#curriculumtext>)
- B.A. in Architecture (<http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofarchitecture/#curriculumtext>)

### Art

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

### Design

- Bachelor of Design ([http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofdesign/#first\\_yeartext](http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofdesign/#first_yeartext))

### Drama

- B.F.A. in Drama (<http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofdrama/#curriculumtext>)

### Music

- B.F.A. in Electronic Music (<http://coursecatalog.web.cmu.edu/schools-colleges/collegeoffinearts/schoolofmusic/#musiccurriculumtext>)
- 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)

## Dietrich College of Humanities and Social Sciences

### Interdepartmental

- B.A. in Ethics, History, and Public Policy (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/interdepartmentalmajors/#majorinethichistoryandpublicpolicytext>) (jointly offered by the Departments of History and Philosophy)
- B.S. in Ethics, History, and Public Policy (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/interdepartmentalmajors/#majorinethichistoryandpublicpolicytext>) (jointly offered by the Departments of History and Philosophy)
- B.S. in Information Systems (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/informationssystem/#curriculumtext>)
- B.A. in Linguistics (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/interdepartmentalmajors/#majorinlinguisticstext>) (jointly offered by the Departments of English, Languages, Cultures, and Applied Linguistics, Philosophy, and Psychology)
- B.S. in Neuroscience (<http://coursecatalog.web.cmu.edu/intercollegeprograms/#bachelorscienceinneurosciencetext>) (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/>)

#statsmltext) (jointly offered by the Department of Statistics and Data Science and the School of Computer Science)

## Carnegie Mellon Institute for Strategy and Technology

- B.S. in International Relations and Political Science (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/carnegiemelloninstituteforstrategyandtechnology/#majorininternationalrelationsandpoliticstextcontainer>)
- B.S. in Political Science, Security, and Technology (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/carnegiemelloninstituteforstrategyandtechnology/#majorinpoliticalscienceandsecurityandtechnologytextcontainer>)
- B.S. in Economics and Politics (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/undergraduateeconomicsprogram/#bsineconomicsandpoliticstext>)

## 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 (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofenglish/#bsintechicalwritingcommunicationtext>)
- B.S. in Technical Writing and Communication

## History

- B.A. in Global Studies (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofhistory/#baglobalstudiesstext>)
- B.A. in Social and Political History (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofhistory/#babsinsocialpoliticalhistorytext>)
- B.S. in Social and Political History (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofhistory/#babsinsocialpoliticalhistorytext>)

## Languages, Cultures, and Applied Linguistics

- B.A. in Chinese Studies (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#chinesestudiesstext>)
- B.A. in French and Francophone Studies (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#frenchandfrancophonestudiesstext>)
- B.A. in German Studies (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#germanstudiesstext>)
- B.A. in Hispanic Studies (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#hispanicstudiesstext>)
- B.A. in Japanese Studies (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#japanesestudiesstext>)
- B.A. in Russian Studies (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofmodernlanguages/#russianstudiesstext>)
- B.A. in Applied Multilingual Studies (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentoflanguagesculturesandappliedlinguistics/#appliedmultilingualstudiesstextcontainer>)

## 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/#majorinlogicandcomputationtext>)

## Psychology

- B.A. in Psychology ([http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofpsychology/#psych\\_majorstext](http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofpsychology/#psych_majorstext))
- B.S. in Psychology ([http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofpsychology/#psych\\_majorstext](http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofpsychology/#psych_majorstext))
- B.S. in Cognitive Science ([http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofpsychology/#cognitive\\_sciencetext](http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofpsychology/#cognitive_sciencetext))

## Social and Decision Sciences

- B.S. in Behavioral Economics (<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/#majorinpolicyandmanagementtext>)

## Statistics and Data Science

- B.S. in Statistics and Data Science (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofstatistics/#bsinstatisticstext>)
- B.S. in Statistics and Data Science (Mathematical Sciences Track) (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofstatistics/#bsinstatisticsmathematicalsciencesctracktext>)
- B.S. in Statistics and Data Science (Neuroscience Track) (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofstatistics/#bsinstatisticsstatisticsandneurosciencetracktextcontainer>)
- B.S. in Statistics and Machine Learning (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/departmentofstatistics/#statsmltextcontainer>) (jointly with the School of Computer Science)
- B.S. in Economics and Statistics (<http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/interdepartmentalmajors/#majorineconomicsandstatisticstext>)

## Heinz College of Information Systems and Public Policy

The Heinz College of Information Systems and Public Policy at Carnegie Mellon University is a graduate school without boundaries, using the latest in analytical methods to solve problems at the critical nexus of technology and society. Learn about the degrees offered on the Graduate Degrees (<http://coursecatalog.web.cmu.edu/degreesoffered/graduate-degrees/>) page.

## Mellon College of Science

### Biological Sciences

- B.A. in Biological Sciences (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bainbiologicalsciencesstext>)
- B.S. in Biological Sciences (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bsinbiologicalsciencesstext>)
- B.S. in Biological Sciences/Neuroscience Track (<http://coursecatalog.web.cmu.edu/schools-colleges/>)

melloncollegeofscience/departmentofbiologicalsciences/  
#bsinbiologicalsciencesneurosciencetracktext)

- B.S. in Biological Sciences and Psychology (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bsinbiologicalsciencesandpsychologytext>) (jointly with the Department of Psychology)
- B.S. in Neuroscience (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bsinneurosciencetext>) (jointly with the Department of Psychology)

## Chemistry

- B.A. in Chemistry (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofchemistry/#batext>)
- 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>)

## Mathematical Sciences

- B.A. in Mathematical Sciences
- B.S. in Mathematical Sciences (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofmathematicalsciences/#curriculertext>)
- B.S. in Mathematical Sciences (Computational and Applied Mathematics) (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofmathematicalsciences/#curriculertext>)
- B.S. in Mathematical Sciences (Discrete Mathematics and Logic) (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofmathematicalsciences/#curriculertext>)
- B.S. in Mathematical Sciences (Operations Research and Statistics) (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofmathematicalsciences/#curriculertext>)
- B.S. in Mathematical Sciences (Statistics) (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofmathematicalsciences/#curriculertext>)
- B.S. in Mathematical Sciences and Economics (<http://coursecatalog.web.cmu.edu/schools-colleges/tepper/undergraduateeconomicsprogram/#bsineconomicsandmathematicalsciencesetext>) (jointly with the Undergraduate Economics Program)
- B.S. in Computational Finance (<http://coursecatalog.web.cmu.edu/intercollegeprograms/#majorminorincomputationalfinancetext>) (jointly with the Department of Statistics, the H. John Heinz III College, and the Tepper School of Business)

## Physics

- B.A. in Physics (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofphysics/#physicsbatext>)
- B.S. in Physics (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofphysics/#bsinphysicstext>)
- B.S. in Physics/Applied Physics Track (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofphysics/#bstracktext>)
- B.S. in Physics/Astrophysics Track (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofphysics/#bstracktext>)
- B.S. in Physics/Biological Physics Track (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofphysics/#bstracktext>)
- B.S. in Physics/Computational Physics Track (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofphysics/#bstracktext>)
- B.S. in Physics/Chemical Physics Track (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofphysics/#bstracktext>)
- B.S. in Physics/Quantum Physics Track (<http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofphysics/#bstracktext>)

# School of Computer Science

## Artificial Intelligence

- 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/#bsinmusicandtechnologytext>) (jointly with the Department of Electrical and Computer Engineering and School of Music)

## Computational Biology Department

- B.S. in Computational Biology (<http://coursecatalog.web.cmu.edu/schools-colleges/schoolofcomputerscience/undergraduatecomputationalbiology/#bscurriculumtext>)

## Human-Computer Interaction

- B.S. in Human-Computer Interaction (<http://coursecatalog.web.cmu.edu/schools-colleges/schoolofcomputerscience/humancomputerinteractionprogram/>)

## Robotics Institute

- B.S. in Robotics (<http://coursecatalog.web.cmu.edu/schools-colleges/schoolofcomputerscience/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/undergraduateeconomicsprogram/#baineconomicstext>)
- B.S. in Economics (<http://coursecatalog.web.cmu.edu/schools-colleges/tepper/undergraduateeconomicsprogram/#bsineconomicstext>)
- B.S. in Economics and Mathematical Sciences (<http://coursecatalog.web.cmu.edu/schools-colleges/tepper/undergraduateeconomicsprogram/#bsineconomicsandmathematicalsciencesetext>) (jointly with Department of Mathematical Sciences)

# University-Wide, Interdisciplinary, and Joint Degree Programs

## BXA Intercollege Degree Programs

- Bachelor of Computer Science and Arts ([http://coursecatalog.web.cmu.edu/intercollegeprograms/bxaintercollege/#bcsa\\_programtext](http://coursecatalog.web.cmu.edu/intercollegeprograms/bxaintercollege/#bcsa_programtext)) (jointly with the School of Computer Science and the College of Fine Arts)
- Bachelor of Engineering Studies and Arts (<http://coursecatalog.web.cmu.edu/intercollegeprograms/bxaintercollege/#bachelorofengineeringstudiesandartsdegreeprogramtext>) (jointly with the College of Engineering and the College of Fine Arts)
- Bachelor of Humanities and Arts ([http://coursecatalog.web.cmu.edu/intercollegeprograms/bxaintercollege/#bha\\_programtext](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)
- Bachelor of Science and Arts ([http://coursecatalog.web.cmu.edu/intercollegeprograms/bxaintercollege/#bsa\\_programtext](http://coursecatalog.web.cmu.edu/intercollegeprograms/bxaintercollege/#bsa_programtext)) (jointly with the Mellon College of Science and the College of Fine Arts)

## 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)

### **Integrated Innovation Institute**

- B.S. in an engineering discipline with an additional major in Engineering Design, Innovation, and Entrepreneurship (<http://coursecatalog.web.cmu.edu/schools-colleges/collegeofengineering/integratedinnovationinstitute/>)

### **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 (<https://www.qatar.cmu.edu/academics-research/academics/biological-sciences/>)

### **Qatar Business Administration**

- B.S. in Business Administration (<https://www.qatar.cmu.edu/academics-research/academics/business-administration/>)

### **Qatar Computer Science**

- B.S. in Computer Science (<https://www.qatar.cmu.edu/academics-research/academics/computer-science/>)
- B.S. in Computational Biology
- B.S. in Artificial Intelligence

### **Qatar Information Systems**

- B.S. in Information Systems (<https://www.qatar.cmu.edu/academics-research/academics/information-systems/>)