Degrees and Advanced Graduate Certificates Awarded

Changes since Fall 2008 in red
Degrees and Advanced Graduate Certificates Awarded

The Graduate School at Stony Brook University offers graduate degrees through a number of departments and programs. Graduate curricula at Stony Brook are grouped below by the graduate degree programs that have been approved and registered with System Administration of the State University of New York and the State Education Department. All graduate degrees are awarded in the name of the program. Some of the degrees listed have concentrations below them (in italics). These refer to an approved and regulated curriculum within the graduate program organized to focus on an area of special interest. The codes shown in this list are abbreviations for the disciplines in which a student can receive a degree or advanced graduate certificate; they are designators for courses offered by the program.

The list below does not include graduate degrees offered by the School of Dental Medicine, School of Medicine, School of Nursing, School of Health Technology and Management, and School of Professional Development.

Graduate Programs (Codes)

Africana Studies (AFH)  
M.A. in Africana Studies

Anatomical Sciences (HBA)  
Ph.D. in Anatomical Sciences

Interdepartmental Doctoral Program in Anthropological Sciences (DPA)  
Ph.D. in Anthropology  
Archaeology  
Cultural Anthropology  
Physical Anthropology

Anthropology (ANT)  
M.A. in Anthropology  
Archaeology  
Physical Anthropology  
Socio-Cultural Anthropology

Applied Mathematics and Statistics (AMS)  
M.S. and Ph.D. in Applied Mathematics and Statistics  
Computational Applied Mathematics  
Operations Research  
Statistics  
Advanced Graduate Certificate in Operations Research  
Advanced Graduate Certificate in Quantitative Finance

Art (ARH, ARS)  
M.A. and Ph.D. in Art History and Criticism  
M.F.A. in Studio Art  
Advanced Graduate Certificate in Art and Philosophy

Biochemistry and Structural Biology (BSSB)  
Ph.D. in Biochemistry and Structural Biology

Biomedical Engineering (BME)  
Ph.D. in Biomedical Engineering  
M.S. in Biomedical Engineering  
Medical Physics  
Advanced Graduate Certificate in Biomedical Engineering

College of Business (MBA)  
M.B.A. in Business Administration  
M.B.A. in Business Administration (Exec. Option)  
M.S. in Technology Management  
M.S. in Management and Policy  
Advanced Graduate Certificate in Finance  
Advanced Graduate Certificate in Health Care Management  
Advanced Graduate Certificate in Human Resource Management  
Advanced Graduate Certificate in Information Systems Management

Chemistry (CHE, TCH)  
Ph.D. in Chemistry  
Chemical Biology  
Chemical Physics  
M.S. in Chemistry  
M.A.T. in Chemistry (TCH)

Comparative Literary and Cultural Studies (CLG)  
M.A. and Ph.D. in Comparative Literary and Cultural Studies  
Advanced Graduate Certificate in Cultural Studies

Computer Science (CSE)  
M.S. and Ph.D. in Computer Science

Creative Writing and Literature (CLG)  
M.F.A. in Creative Writing and Literature

Ecology and Evolution (BEE)  
Ph.D. in Ecology and Evolution  
M.A. in Biological Sciences  
Applied Ecology

Economics (EDO)  
Ph.D. in Economics

Electrical and Computer Engineering (ESE)  
M.S. and Ph.D. in Electrical Engineering  
Ph.D. in Computer Engineering  
Advanced Graduate Certificate in Computer Integrated Engineering

English (EGL, TEN)  
M.A. and Ph.D. in English  
M.A.T. in English (TEN)

European Languages, Literatures, and Cultures (GER, RLF, RLI, SLV, DLG, DLF, DLJ, DLL, DLR)  
D.A. in Foreign Languages (French, German, Italian, Russian)  
M.A. in Germanic Languages and Literature  
M.A. in Romance Languages and Literature  
M.A. in Slavic Languages and Literature  
M.A.T. in Russian, French, German, Italian (TRU, TFR, TGR, TIL)

Genetics (BGE)  
Ph.D. in Genetics

Geosciences (GEO)  
M.S. and Ph.D. in Geosciences

Hispanic Languages and Literature (SPN)  
M.A. and Ph.D. in Hispanic Languages and Literature  
M.A.T. in Spanish

History (HIS)  
M.A. and Ph.D. in History  
M.A.T. in Social Studies

Information Systems Engineering (CSE)  
M.S. in Information Systems Engineering

Linguistics (LIN, ESL)  
M.A. and Ph.D. in Linguistics  
M.A. in Teaching English to Speakers of Other Languages (TESOL)

Marine and Atmospheric Sciences (MAS)  
M.S. and Ph.D. in Marine and Atmospheric Sciences  
Advanced Graduate Certificate in Ocean Sciences

Materials Science and Engineering (ESM)  
M.S. and Ph.D. in Materials Science and Engineering

Mathematics (MAT)  
M.A. and Ph.D. in Mathematics  
M.A.T. in Mathematics

Mechanical Engineering (MEC)  
Ph.D. in Mechanical Engineering  
Mechanical Design  
Solid Mechanics  
Thermal Sciences and Fluid Mechanics
M.S. in Mechanical Engineering
  *Manufacturing*

**Molecular and Cellular Biology (MCB)**
Ph.D. in Molecular and Cellular Biology
  *Biochemistry and Molecular Biology*
  *Cellular and Developmental Biology*
  *Immunology and Pathology*

**Molecular and Cellular Pharmacology (HBH)**
Ph.D. in Molecular and Cellular Pharmacology

**Molecular Genetics and Microbiology (HBM)**
Ph.D. in Molecular Genetics and Microbiology

**Music (MUA, MUP)**
M.A. and Ph.D. in Music
  *Composition*
  *Ethnomusicology*
  *Music History and Theory*
  *M.M. and D.M.A. in Music Performance*

**Neuroscience (NEU)**
Ph.D. in Neuroscience

**Optoelectromechanical Systems Engineering (ESE)**
M.S. in Optoelectromechanical Systems Engineering

**Oral Biology and Pathology (BHS, HDO)**
Ph.D. in Oral Biology and Pathology
M.S. in Basic Health Sciences

**Philosophy (PHI)**
M.A. and Ph.D. in Philosophy
Advanced Graduate Certificate in Art and Philosophy

**Physics and Astronomy (PHY)**
Ph.D. in Physics
  *Biophysics*
  *Chemical Physics*
  *Scientific Instrumentation*
  *M.A. in Physics*

**Physiology and Biophysics (HBY)**
Ph.D. in Physiology and Biophysics

**Political Science (POL)**
Ph.D. in Political Science
  *American Politics*
  *Political Economy and Public Policy*
  *Political Psychology/Behavior*
  M.A. in Political Science
  M.A. in Public Policy

**Psychology (PSY, BIP, CLP, EXP, SCP)**
Ph.D. in Biopsychology (BIP)
Ph.D. in Clinical Psychology (CLP)
Ph.D. in Experimental Psychology (EXP)
Ph.D. in Social/Health Psychology (SCP)
M.A. in Psychology (PSY)

**Social Welfare (HWD)**
Ph.D. in Social Welfare

**Sociology (SOC)**
M.A. and Ph.D. in Sociology

**Technology and Society (EST)**
Ph.D. in Technology, Policy and Innovation
M.S. in Technological Systems Management
  *Educational Technology*
  *Energy and Environmental Systems*
  *Global Operations Management*

**Theatre Arts (THR, DRM)**
M.A. in Theatre
M.F.A. in Dramaturgy

**Women’s Studies (WNS)**
Advanced Graduate Certificate in Women’s Studies

**Writing and Rhetoric (WRT)**
Advanced Graduate Certificate in Composition Studies