

Changes since Fall 2008 in red



## Degrees and Advanced Graduate Certificates Awarded



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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 (BSB)

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 (ECO)

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, DLI, 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*  
M.S. in 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

