

Minors in the College of Arts and Sciences (as of FALL 2011)

American Studies (20 credit minor)

- AMST 111 What Is An American?
- Four additional courses
- No more than 8 credits taken in one department

Asian Studies (20 credit minor)

Prerequisites: Students must demonstrate proficiency in one Asian Language at the advanced elementary level. This can be fulfilled by successful completion of an elementary Level II Asian language course with an average grade of "B" or by passing the same-level language test offered by the Modern Language Department. The present language courses offered are Chinese and Japanese.

- Five courses from the Required Major course list. Students must take courses from at least two departments.

Biology (20-24 credit minor)

- BIO 111, L111 Majors' Biology I/Lab
- BIO 114, L114 Majors' Biology II/Lab
- Four biology courses (with lab if appropriate)

Black Studies (20 credit minor)

- BLKST 100 Introduction to Black Studies I
- BLKST 101 Introduction to Black Studies II: Research and Writing
- Three classes from the Designated Course Component list

Chemistry (24 credit minor)

- CHEM 111/L111, CHEM 112/L112 General Chemistry I, II, and labs
- CHEM 211/L211, CHEM 212/L212 Organic Chemistry I, II, and labs
- Two of the following: CHEM 314/L314 Instrumental Analysis and lab; CHEM 331/L331, CHEM 332/L332 Biochemistry and lab; CHEM 355/L355 Environmental Chemistry and lab; CHEM 411/L411 Physical Chemistry and lab.

Classics (20 credit minor)

Prerequisites: Students must take courses from at least two of the participating departments. (Cross-listed courses can only be counted for credit in one department.) No more than 8 credits may double-count for credit in the student's major or toward another minor.

- ENG 123 Great Books of World Literature I
- ENG 315 Classical Drama
- ENG 316/HST 336 Fifth Century Athens
- ENG 317 Classical Mythology
- ENG 318 The Epic
- ENG 490/HST 304 Imperial Rome
- HST 338/HUM 338 Ancient Greece and Ancient Israel
- HST 339/HUM 339 Pagan Reason to Christian Revelation
- HST 343 Dialogue with Sages East and West
- ARH 305 Art of Greece and Rome
- GR 101 Elementary Ancient Greek Language I
- GR 102 Elementary Ancient Greek Language II
- GR 201 Intermediate Ancient Greek Language I
- PHIL 210 History of Ancient and Medieval Philosophy
- PHIL 415 Aristotle: Profiles in Philosophy

- PHIL 416 Plato: Profiles in Philosophy

Communication and Journalism (20 credit minor)

- Four 4-credit courses in any one CJN concentration
- Any other 4-credit CJN course

Computer Science (20 credit minor)

- CMPSC 131 Computer Science I
- CMPSC 132 Computer Science II
- CMPSC 253 Computer Organization and Assembly Language
- CMPSC 265 Data Structures and Algorithms
- One 4-credit CMPSC elective (200 level or higher)

Economics (24+ credit minor)

- EC 101 Principles of Microeconomics
- EC 102 Principles of Macroeconomics
- STATS 250 Applied Statistics
- EC 311 Intermediate Microeconomic Theory *or*
EC 312 Intermediate Macroeconomic Theory
- STATS 350 Applied Statistical Methods
- Two economics electives; at least one at the 300 or 400 level (STATS 350 can be substituted for one of the courses)

Education and Human Services

Applied Legal Studies (20 credit minor)

- EHS 360 Fundamentals of Legal Assisting
- EHS 361 Legal Research and Writing I
- EHS 362 Civil Litigation and Procedure I
- Two advanced EHS/Legal Studies electives (not including EHS 264, 265, or 396)

Foundations of Education Minor Tracks- Non-Licensure Program (24 credit minors)

Core Courses for all Foundation Tracks A-D (8 credits):

- EHS 110 Intro to Education
- EHS 202 Educational Psychology
- Three additional EHS courses that are approved by minor advisor

Middle School Teaching- Licensure Program (36 credit minor)

- EHS 110 Intro to Education
- EHS 202 Educational Psychology
- EHS 206 Reading Theory Pedagogy and Practice
- EHS 310 Culturally Responsive Education
- EHS 311 Curriculum and Pedagogy: Middle School
- EHS 313 Classroom Communication
- EHS 415 Practicum: Middle School (8 credit hours)
- EHS 417 Assessment Theory and Practice

Secondary School Teaching- Licensure Program (36 credit minor)

- EHS 110 Intro to Education
- EHS 202 Educational Psychology
- EHS 207 Reading and Writing in the Content Areas
- EHS 310 Culturally Responsive Education
- EHS 312 Curriculum and Pedagogy: Secondary School
- EHS 313 Classroom Communication
- EHS 416 Practicum: Secondary School (8 credit hours)
- EHS 417 Assessment Theory and Practice

English

English (24 credit minor)

- ENG 213 English Literature I
- ENG 214 English Literature II *or*
ENG 217 American Literature I *or*
ENG 218 American Literature II
- One course each from three of the following groups:
 - 1) Approaches and Methods
 - 2) Genre and Backgrounds
 - 3) Medieval to Renaissance
 - 4) 1700-1900: American or British
 - 5) 1900-Present: American, British, or World Literature
- One additional English course (level 104 or higher), or appropriate Seminar for Freshmen

Creative Writing (24 credit minor)

- Three 4-credit Creative Writing workshops
- ENG 213 English Literature I
- One literary survey course (200 level)
- One literature course (level 300 or higher)

Environmental Studies (16 credit minor)

- ENST 101 Environmental Studies
- ENVS 111/L111 Majors' Environmental Science I
- ENVS 112/L112 Majors' Environmental Science II
- One course from the Environmental Studies option (200 level or higher)

Government

Political Science (20 credit minor)

- GVT 110 Introduction to American Democracy
- GVT 120 Political Science Research Methods
- GVT 276 Introduction to Political Theory
- GVT 223 American Political Institutions *or*
GVT 243 American Constitutional Law *or*
GVT 261 Theories and Practice of International Relations *or*
GVT 281 Introduction to Comparative Government
- GVT Elective

American Politics and Government (20 credit minor)

- GVT 110 Introduction to American Democracy
- GVT 120 Political Science Research Methods
- GVT 223 American Political Institutions
- GVT 243 American Constitutional Law *or*
GVT 355 American Parties and Politics
- GVT Elective

Politics, Law and the Courts (20 credit minor)

- GVT 110 Introduction to American Democracy
- GVT 120 Political Science Research Methods
- GVT 243 American Constitutional Law
- GVT 244 Civil Liberties
- GVT Elective

International Affairs (20 credit minor)

- GVT 110 Introduction to American Democracy
- GVT 120 Political Science Research Methods
- GVT 261 Theory and Practice of International Relations
- GVT 281 Introduction to Comparative Politics
- GVT Elective

History (20 credit minor)

- Two-semester sequence:
HST 101-102 History of Western Civilization I, II *or*
HST 121-122 World History I, II *or*
HST 181-182 American History I, II
- Three additional history courses (200 level or higher)

Humanities and Modern Languages

Art History (24 credit minor)

- ARH 105 Art History I
- ARH 106 Art History II
- Four art history courses offered by the HUM department (300 level or higher)

French (16+ credit minor)

Prerequisite: FR 101-102 Elementary French: Introduction to French Language and Culture or demonstrated proficiency at the 101-102 level.

- FR 309 Survey of French Literature I
- FR 310 Survey of French Literature II
- FR 320 French Cinema *or*
FR 410 Contemporary France
- One other advanced course

French Studies (16+ credit minor)

Prerequisite: FR 201-202 Intermediate French or demonstrated proficiency at the 201-202 level.

- FR 309 Survey of French Literature I *or*
FR 310 Survey of French Literature II
- FR 216 Masterpieces of French and Francophone Literature in English Translation *or*

FR 320 French Cinema

- Two other advanced courses

General Humanities (16+ credit minor)

Prerequisite: HUM 101 or ARH 101 and HUM 102 or ARH 102

- Four HUM courses (200 level or higher)

German (16+ credit minor)

Prerequisite: GER 201, 202 Intermediate German I, II or score of 4 or 5 on AP exam

- GER 302 German Civilization II
- GER 304 Advanced Composition
- Two other advanced courses

German Studies (16+ credit minor)

Prerequisite: GER 201, 202 Intermediate German I, II or score of 4 or 5 on AP exam

- GER 302 German Civilization II
- GER 304 Advanced Composition
- Two other advanced courses (one or both of these approved courses may be taken in another department)

Music History (20+ credit minor)

- MUH 101 History of Music I
 - MUH 102 History of Music II
 - 3-4 Elective MUH courses chosen from the following:
 - MUH 210 Music of the 20th Century
 - MUH 211 Music of the United States
 - MUH 221 History of Women in Music
 - MUH 223 World Music
 - MUH 225 Music Around Boston
 - MUH 227 Jazz
 - MUH 229 Music History: Opera
 - MUH 231 Music of Africa
 - MUH 233 The Blues
 - MUH 335 Music of Mozart
 - MUH 337 Music of Beethoven
- Related Options-* A maximum of one elective course may be chosen from the following:
- MUH 110 Introduction to Music History and Theory
 - Any HUM or ARH course offering (level 200 or higher)

Spanish (16+ credit minor)

Prerequisite: SPAN 101, 102 Elementary Spanish I, II

- SPAN 290 Advanced Composition and Conversation *or*
SPAN 300 Introduction to Cultural Texts
- SPAN 301 Hispanic Culture I: Spain *or*
SPAN 302 Hispanic Culture II: Latin America
- Two other advanced courses (beyond the intermediate level [SPAN 201-202])

Latin American and Caribbean Studies (24 credit minor)

Prerequisite: Demonstrated proficiency in Spanish, Portuguese, or French beyond the Intermediate Level. Normally this can be fulfilled by successful completion of one 300 level course.

- One approved course from each of the three following disciplines:
Government, Hispanic and Caribbean Studies, and History
- Three additional approved courses from any of the three following disciplines:
Communication and Journalism, Economics, Government, Hispanic and Caribbean Studies, History or Sociology

New England School of Art and Design

Foundation Studies Concentration (18 credit minor)

- ADF S101 Foundation Drawing I
- ADF S102 Foundation Drawing II (*Prerequisite- ADF S101*)
- ADF S123 Painting (*Prerequisite- ADF S143*)
- ADF S143 Color
- ADF S151 2-Dimensional Design
- ADF S152 3-Dimensional Design (*Prerequisite- ADF S151*)

Fine Arts Concentration (18 credit minor)

- ADF S101 Foundation Drawing I
- ADF S102 Foundation Drawing II (*Prerequisite- ADF S101*)
- ADF S143 Color
- Optional: ADF S102 Foundation Drawing II (*Prerequisite- ADF S101*)

Fine Arts Courses- choose two or three of the following:

- ADFA S251 Printmaking Studio
- ADFA S252 Paper Studio
- ADFA S315 Video Art with Final Cut Pro
- ADFA S330 Experimental Painting and Drawing
- ADFA S361 Figure Studio: 2D
- ADFA S362 Figure Studio: 3D

Graphic Design Concentration (18 credit minor)

- ADF S151 2-Dimensional Design
- ADG S201 Basic Typography
- ADG S202 Computer Typography (*Prerequisite: ADG S201 and ADG S219*)
- ADG S206 Graphic Design I (*Prerequisite: ADF S151*)
- ADG S207 Graphic Design II (*Prerequisite: ADG S206*)
- ADG S219 Computer Application in Design

Illustration Concentration (36 credits)

- NESAD Foundation Studies Minor (18 credits- see above)
- ADIL S201 Illustration I (Prerequisite: all foundation courses)
- ADIL S202 Illustration II
- ADIL S223 Painting II
- Choose one of the following major courses:
 - ADG S201 Basic Typography (Prerequisite: ADF S151)
 - ADG S202 Drawing: Structure and Expression (Prerequisite: ADF S102)
- Choose two of the following major courses:
 - ADIL S301 Illustration III (Prerequisite: ADIL S202)

- ADG S317 The Graphic Novel (Prerequisite: ADF S102)
- ADG S320 Drawing for Animation (Prerequisite: ADF S102, ADF S156, ADG S213)

Math (20 credit minor)

- MATH 165 Calculus I
- MATH 166 Calculus II
- MATH 265 Multivariable Calculus
- MATH 331 Introduction to Abstract Mathematics
- One math elective (200 level or higher)

Performing and Visual Arts (20 credit minor)

- 12 credits from the PVA core requirements
- 8 credits from one of the PVA concentrations (Theatre, Music, or Visual Arts)

Philosophy (20 credit minor)

- PHIL 119 Ethics *or*
123 Social Ethics *or*
127 Contemporary Moral Issues
- PHIL 210 History of Ancient and Medieval Philosophy *or*
PHIL 211 History of Modern Philosophy
- Any three additional Philosophy courses

Physics (20 credit minor)

- PHYS 151/L151 University Physics I/lab
- PHYS 152/L152 University Physics II/lab
- PHYS 316 Special Topics in Mathematical Physics
- PHYS 367 Classical Mechanics I
- PHYS 457 Modern Physics I

Psychology (20 credit minor)

- PSYCH 114 General Psychology
- One Psychology course (300 level or higher)
- Three additional Psychology courses at any level

Radiation Biology (24 credit minor)

- MS 101 Principles of Cancer Management
- BIO 111/L111 Majors' Biology /lab
- BIO 203/L203 Anatomy and Physiology I/lab
- BIO 204/L204 Anatomy and Physiology II/lab
- BIO 403 Cell Biology
- MS 416 Radiation Biology

Religious Studies (20 credit minor)

- RS 111 Introduction to World Religions: Western Traditions *or*
RS 112 Introduction to World Religions: Eastern Traditions
- Four additional courses from the approved interdepartmental list

Social Infomatics (20 credit minor)

Required core courses - 8 Credits

- CMPSC 120 Programming for the WWW
- CMPSC 123 Social and Technical Aspects of Computer Systems

Elective courses- At least three courses from the following list, no less than 12 credits.

- CJN 297 New Media and New Markets
- CJN 421 Media Seminar in Digital Games
- CJN 491 Special Topics/eCommunities
- ENVE 325 Geographical Information Systems
- GVT 403 Introduction to eGovernance
- PHIL 212 Formal Logic
- PSYCH 347 Cyberpsychology
- SOC 264 Technology and Society

Sociology (20 credit minor)

- SOC 113 Introduction to Sociology *or*
SOC 116 Social Problems
- SOC 214 Research Methods *or*
SOC 315 Sociological Theory *or*
SOC 333 Sociological Theory: Sociology of Crime
- Three electives in Sociology

Theatre

Theatre Concentration Minor (19-20 credit minor)

- THETR 225 Intro to Theatre I *or*
THETR 226 Intro to Theatre II *or*
THETR 227 Intro to Theatre III *or*
THETR 389 Introduction to Performance Studies
- THETR 229 Acting I
- THETR 250 Intro to Stagecraft *or*
THETR 251 Intro to Design *or*
THETR 220 Production Practicum I *or*
THETR 320 Production Practicum II *or*
THETR 420 Production Practicum III *or*
THETR 237 Stage Management I
- Two courses in a Theatre concentration

Music Concentration Minor (19-20 credit minor)

- MUH 101 History of Music I *or*
MUH 102 History of Music II
- Any one approved THETR course
- Any one approved ARH or studio art course
- Any two approved music courses

Visual Arts Concentration (20 credit minor)

- ARH 101 Art History I *or*
ARH 102 Art History II
- Any one approved THETR course
- Any one approved MUH or studio music course

Video Game Design (21-22 credit minor)

The minor is intended primarily for CJN and NESAD students who want to familiarize themselves with the subject but do not plan to become professional game developers. The program consists of four core courses from the VGD course list followed by IMGD 201 Intermediate Game Design and any other elective course from the VGD concentration list.

- VGD Core Courses (Select 4 courses; 14 credits)
 - ADF S101 Foundation Drawing I
 - CMPSC F124 Introduction to Game Programming
 - ADG S219 Computer Applications in Design
 - CJN 421 Digital Games Culture (*Prerequisite: CJN 255*)
 - Beyond the Core (2 courses; 7– 8 credits)
 - IMGD 201 Intermediate Game Programming
 - One minor elective course
- Electives (Select 1; 3-4 credits):
 - CJN 288 Film Language
 - ADG S330 Motion Design
 - ADFA S325 Video Containers
 - ADG S320 Drawing for Animation
 - TBA Storyboarding for Animation (future course)
 - TBA Illustrating in 3D (future course)
 - TBA The Graphic Novel (future course)
 - TBA Character Development (future course)
 - TBA Computer Music (future course)
 - Any other approved course

Women's and Gender Studies (20 credit minor)

- WGS 111 Women, History, and Culture *or*
WGS 113 Women, Science, and Society *or*
WGS 115 Introduction to Gender Studies
- Four approved electives, no more than two from any single department.