Minors

Students must take a minimum of 18 semester credit hours for the minor, 12 of which must be upper-division semester credit hours. Students who take a minor will be expected to meet the normal prerequisites in courses making up the minor, and should maintain a minimum GPA of 2.000 on a 4.00 scale (C average). Semester credit hours may not be used to satisfy both the major and minor requirements; however, free elective semester credit hours or major preparatory classes may be used to satisfy the minor. Core courses offered by the school may count as lower-division semester credit hours toward the minor. Topics courses must be approved by the school. The School of Arts and Humanities will substitute courses as necessary. The undergraduate minors in the School of Arts & Humanities follow:

- Art History
- Asian Studies
- Communication
- Creative Writing
- Dance
- Drama
- History
- Literature
- Medical and Scientific Humanities
- Music
- Performing Arts
- Philosophy
- Spanish and Hispanic Area Studies
- Visual Arts

Minor in Art History: 18 semester credit hours

Choose any 6 courses from the following:

- **ARTS 1301** Exploration of the Arts
- **AHST 1303** Survey of Western Art History: Ancient to Medieval
- **AHST 1304** Survey of Western Art History: Renaissance to Modern
- **AHST 2331** Understanding Art
Minor in Asian Studies: 18 semester credit hours

Language Courses (must enroll in a minimum of two sequential courses in either Chinese or Japanese at UT Dallas)

- CHIN 1311 Beginning Chinese I
- CHIN 1312 Beginning Chinese II
- CHIN 2311 Intermediate Chinese I
- CHIN 2312 Intermediate Chinese II
- CHIN 3365 Advanced Chinese I
- JAPN 1311 Beginning Japanese I
- JAPN 1312 Beginning Japanese II
- JAPN 2311 Intermediate Japanese I
- JAPN 2312 Intermediate Japanese II
- JAPN 3311 Advanced Japanese I
- JAPN 3312 Advanced Japanese II
- LANG 3342 Advanced Language Instruction
- LANG 3348 Topics in Language
- LANG 4348 Advanced Topics in Language
Related Courses

- **AHST 3321** Chinese Art History
- **HIST 3312** Early China
- **HIST 3313** Medieval China
- **HIST 3314** Traditional China
- **HIST 3315** Modern China
- **HIST 3316** Women in Traditional China
- **HIST 4358** Topics in Asian History
- **HIST 4376** Topics in History
- **LIT 3382** Topics in Non-Western Literature

Minor in Communication: 18 semester credit hours

Foundations: 9 semester credit hours
Choose three courses from the following:

- **COMM 4360** Communication Ethics
- **COMM 3351** History and Theory of Communication
- **COMM 4314** Persuasion and Interpersonal Influence
- **COMM 4370** Communication and Leadership
- **COMM 4371** Communication and Professionalism

Communication Performance: 3 semester credit hours
Choose one course from the following:

- **COMM 2313** Public Speaking
- **COMM 2314** Oral Interpretation
- **COMM 3320** Readers' Theater
- **COMM 4340** Small Group Communication
- **COMM 4313** Advanced Public Speaking

Communication and Media: 3 semester credit hours
Choose one course from the following:

- **COMM 3352** Media and Culture

**Communication and Culture: 3 semester credit hours**

Choose one course from the following:

- **COMM 4350** Intercultural Communication
- **COMM 4351** U.S. Culture and Communication
- **LIT 3335** Media and Pop Culture

**Minor in Creative Writing: 18 semester credit hours**

**Required Course: 3 semester credit hours**

- **CRWT 2301** Introductory Creative Writing

**Genres minimum of two genres required: 6 semester credit hours**

- **CRWT 2V71** Independent Study in Creative Writing
- **CRWT 3307** Creating Short Stories
- **CRWT 3308** Creating Nonfictions
- **CRWT 3351** Creating Poetry
- **CRWT 3360** Art Criticism

**Advanced work: 9 semester credit hours**

- **CRWT 4307** Creating Short Stories: Advanced
- **CRWT 4353** Creating Poetry: Advanced
- **CRWT 4354** Creating Scripts
- **CRWT 4V71** Independent Study in Creative Writing

**Minor in Dance: 18 semester credit hours**

**Dance Historical Study: 3 semester credit hours**

Choose one lower-division course from the following:

- **DANC 1310** Understanding Dance
**DANC 2V71** Independent Study in Dance (1-3 semester credit hours)

**Performance and Technical Study: 15 semester credit hours**

Choose one required course from the following (3 semester credit hours):

- **DANC 3345** Dance Performance
- **DANC 4317** Dance Performance 2
- **DANC 3347** Dance Composition

Choose four courses from the following (12 semester credit hours, no more than 3 semester credit hours can be at the lower level):

- **DANC 2311** Topics in Dance
- **DANC 2321** Stretch, Conditioning, Alignment
- **DANC 2331** Dance Technique 1
- **DANC 2332** Modern Dance 1
- **DANC 2333** Jazz Dance 1
- **DANC 2334** Ballet 1
- **DANC 2336** Tap Dance 1
- **DANC 3332** Dance Technique 2
- **DANC 3340** Dance in Historical Context
- **DANC 3342** Advanced Topics in Dance
- **DANC 3345** Dance Performance
- **DANC 3347** Dance Composition
- **DANC 4313** Dance Technique 3
- **DANC 4317** Dance Performance 2
- **DANC 4318** Dance Technique 4
- **DANC 4V71** Independent Study in Dance

**Minor in Drama: 18 semester credit hours**

**Theatre Fundamentals: 3 semester credit hours**

Choose one course from the following:

- **DRAM 1310** Understanding Theater
Performance and Technical Study: 6 semester credit hours

Choose one course from the following (3 semester credit hours):

- \textbf{DRAM 2371} Technical Theater 1
- \textbf{DRAM 2372} Improvisation
- \textbf{DRAM 2373} Movement for the Actor
- \textbf{DRAM 2350} Voice for the Actor
- \textbf{DRAM 2V71} Independent Study in Drama (1-3 semester credit hours)

Choose one course from the following (3 semester credit hours):

- \textbf{DRAM 3310} Theater/Performance Ensemble
- \textbf{DRAM 3324} Technical Theater 2
- \textbf{DRAM 3325} Directing
- \textbf{DRAM 3351} Light Design

Advanced Studies in Theater: 9 semester credit hours, upper-division coursework

Choose one course from the following (3 semester credit hours)

- \textbf{DRAM 3323} Performance in Historical Context
- \textbf{DRAM 3380} Theater and Literature

Choose two courses from the following (6 semester credit hours):

- \textbf{DRAM 3342} Advanced Topics in Theater
- \textbf{DRAM 3356} Acting 3
- \textbf{DRAM 3372} Advanced Improvisation
- \textbf{DRAM 4301} Acting for Film and Video
- \textbf{DRAM 4310} Theater Internship
- \textbf{DRAM 4342} Advanced Topics in Technical Theater

Minor in History: 18 semester credit hours

Foundation Courses
HIST 1301 U.S. History Survey to Civil War
HIST 1302 U.S. History Survey from Civil War
HIST 2301 History of Texas
HIST 2V71 Independent Study in Historical Studies
HIST 3301 Historical Inquiry
HIST 3302 Gender in Western Thought
HIST 3386 World History to 1500
HIST 3387 World History from 1500
HIST 4376 Topics in History
HIST 4V71 Independent Study in Historical Studies
HIST 4V99 Senior Honors in Historical Studies
ISAH 4V88 Special Interdisciplinary Topics in the Arts and Humanities

Students may select the appropriate courses in consultation with their advisors regarding the various aspects of historical studies. The total of semester credit hours for each concentration may vary.

European Historical Studies

HIST 3317 The Crusades
HIST 3318 Medieval Europe
HIST 3319 Early Modern Europe
HIST 3320 Modern Europe
HIST 3324 Women in European Society
HIST 3331 European Social History
HIST 3334 Nineteenth Century European Culture and Society
HIST 3336 Twentieth Century European Culture and Society
HIST 3337 Technology and Western Civilization
HIST 3344 History of Science in Europe
HIST 4330 The Holocaust
HIST 4331 Holocaust and Representation
HIST 4332 After the Holocaust
HIST 4339 Berlin: History of a City
HIST 4344 Topics in European History
HIST 4356 European Enlightenment

Asian, African and Latin American Studies
HIST 3312 Early China
HIST 3313 Medieval China
HIST 3314 Traditional China
HIST 3315 Modern China
HIST 3316 Women in Traditional China
HIST 3351 Ottoman Empire I
HIST 3352 Ottoman Empire II
HIST 3358 Latin American History
HIST 3391 Modern Mexico
HIST 3392 U.S.-Mexico Borderlands
HIST 3398 Colonial Latin American History
HIST 3399 Modern Latin American History
HIST 4357 Topics in African and African-American History
HIST 4358 Topics in Asian History
HIST 4359 Topics in Latin American History

American Historical Studies
HIST 2330 Themes and Ideas in American History
HIST 2331 Issues in American History
HIST 3360 The American Revolution
HIST 3364 History of American Religion
HIST 3365 The American West
HIST 3366 Themes in the Social History of the United States
HIST 3367 Continental Expansionism in American History
HIST 3369 United States Foreign Relations
HIST 3370 The American Experience in Vietnam
HIST 3374 American Technological Development
HIST 3379 United States Relations with Latin America
HIST 3380 The Nuclear Age in America
HIST 3382 The United States Since 1945
HIST 3384 U.S. Women from Settlement to Present
HIST 3389 History of Science in the U.S.
HIST 3390 Twentieth Century African-American History
HIST 3394 Native American History from the Pre-Columbian Period through 1795
HIST 3395 Native American History in the Nineteenth Century
HIST 3396 Native Americans in the Twentieth Century
HIST 4336 The U.S. Jewish Experience
HIST 4345 Origins of the Jim Crow South
HIST 4346 American Culture 1877-1919
HIST 4349 Jewish History
HIST 4360 Topics in American Women's History
HIST 4368 North American Environmental History
HIST 4377 Topics in Early American History
HIST 4378 Topics in American History

Studies in Philosophy and Intellectual History

HIST 3328 History and Philosophy of Science and Medicine
HIST 3332 History of the Electronic Age
HIST 3376 American Intellectual History, Colonial to the Civil War
HIST 3377 American Intellectual History, Civil War to the Present
HIST 4380 Topics in Intellectual History

PHIL 2316 History of Philosophy I
PHIL 2317 History of Philosophy II
PHIL 3373 Philosophy of Mind
PHIL 3375 Ethics in Contemporary America
PHIL 4305 Philosophical Concepts
PHIL 4308 Theories of Knowledge
PHIL 4310 Philosophy of Technology
Minor in Literature: 18 semester credit hours

Foundation Courses: 9 semester credit hours

- **LIT 2331** Masterpieces of World Literature
- **LIT 2341** Literary Analysis
- **LIT 3300** Western Literary Tradition

Students may select the appropriate courses in consultation with their advisors regarding the various aspects of literature. The total of semester credit hours for each concentration may vary.

Literary Genres

- **LIT 3309** Studies in the Short Story
- **LIT 3310** Studies in Epic and Romance
- **LIT 3316** The Literature of Science Fiction
- **LIT 3317** The Literature of Fantasy
- **LIT 3312** Studies in Prose Narrative
- **LIT 3313** Studies in Dramatic Literature
- **LIT 3314** Studies in Poetry
- **LIT 3315** Children's Literature

English and American Literature

- **LIT 3318** British Romanticism
- **LIT 3319** Periods in English Literature
- **LIT 3321** Modern British Literature
- **LIT 3322** Early American Literature
- **LIT 3323** The American Renaissance 1820-1865
- **LIT 3324** American Realism and Naturalism
- **LIT 3325** American Modernism
- **LIT 3326** The Literature of the American South
LIT 3327 Mid-Twentieth Century American Literature
LIT 3329 Ethnic American Literature
LIT 3340 The Victorian Novel
LIT 3383 Topics in British Literature

General Literature
LIT 3381 Topics in Western Literature
LIT 3304 Literature and Composition
LIT 3328 Ethics in Literature
LIT 3330 Linguistics
LIT 3331 Contemporary American Literature
LIT 3332 English Syntax and Mechanical Structure
LIT 3334 Literature of Science
LIT 3335 Media and Pop Culture
LIT 3339 Writing in Literary Studies
LIT 3343 European Romanticism
LIT 3344 European Realism and Naturalism
LIT 3380 Studies in Women's Literature
LIT 3381 Topics in Western Literature
LIT 3382 Topics in Translated Literature
LIT 3385 Topics in Latin American Literature
LIT 4329 Major Authors
LIT 4330 Dante's Divine Comedy
LIT 4344 The Modern Novel
LIT 4346 Contemporary Literature
LIT 4348 Topics in Literary Studies
LIT 4V71 Independent Study in Literary Studies (1-3 semester credit hours)
Minor in Medical and Scientific Humanities: 18 semester credit hours

Choose any six courses from the following:

**ARHM 3342** Advanced Interdisciplinary Studies in the Arts and the Humanities

**COMM 3342** Advanced Topics in Communication

**COMM 3351** History and Theory of Communication

**COMM 4314** Persuasion and Interpersonal Influence

**COMM 4350** Intercultural Communication

**COMM 4351** U.S. Culture and Communication

**COMM 4360** Communication Ethics

**COMM 4370** Communication and Leadership

**COMM 4375** Professional Communication in Medicine

**HIST 3302** Gender in Western Thought

**HIST 3328** History and Philosophy of Science and Medicine

**HIST 3337** Technology and Western Civilization

**HIST 3344** History of Science in Europe

**HIST 3374** American Technological Development

**HIST 3380** The Nuclear Age in America

**HIST 3389** History of Science in the U.S.

**HIST 4380** Topics in Intellectual History

**HUMA 3342** Topics in the Humanities

**HUMA 3350** Introduction to Islam

**HUMA 3351** Introduction to Islamic Culture

**LIT 3304** Literature and Composition

**LIT 3316** The Literature of Science Fiction

**LIT 3317** The Literature of Fantasy

**LIT 3312** Studies in Prose Narrative

**LIT 3319** Periods in English Literature

**LIT 3328** Ethics in Literature
Minor in Music: 18 semester credit hours

Required Lower-Division courses: 6 semester credit hours

MUSI 2322 Music in Western Civilization
MUSI 2328 Music Theory I

Required Upper-Division courses: 12 semester credit hours total

Required Music Performance and/or Ensemble courses: 6 semester credit hours

Choose two courses from the following:

MUSI 3312 Advanced Orchestra/Chamber Music Ensemble I
MUSI 3316 Guitar Ensemble II
MUSI 3118 String Orchestra
MUSI 3120 Wind Ensemble II
MUSI 3380 Guitar II
MUSI 3381 Instrumental Ensemble II
MUSI 3382 Vocal Instruction II
MUSI 3384 Best of Broadway
MUSI 3385 Chamber Singers I
MUSI 3386 Jazz Ensemble II
MUSI 3388 Piano II
MUSI 4312 Advanced Orchestra/Chamber Music Ensemble II
MUSI 4316 Guitar Ensemble III
MUSI 4118 Advanced String Orchestra
MUSI 4120 Wind Ensemble III
MUSI 4345 Music Performance III
MUSI 4346 Instrumental Ensemble III
MUSI 4347 Vocal Ensemble III
MUSI 4385 Chamber Singers II
MUSI 4386 Jazz Ensemble III
MUSI 4V12 Advanced Performance I
MUSI 4V13 Advanced Performance II
MUSI 4V61 Individual Instruction in Vocal Performance
MUSI 4V71 Independent Study in Music

Required Upper-Division Music History and Music Theory Courses: 6 semester credit hours

Choose two courses from the following:

MUSI 3322 Music in Historical Context
MUSI 3323 The Guitar: Medieval to Modern
MUSI 3324 Jazz History: Roots to Swing
MUSI 3325 Jazz History: Modern Jazz since BeBop
MUSI 3328 Music Theory II
MUSI 3342 Advanced Topics in Music
MUSI 3387 Jazz Improvisation and Keyboard Harmony
MUSI 3389 Digital Music II
MUSI 4348 Creating Music

Minor in Performing Arts: 18 semester credit hours

Choose any six courses from the following:

ARTS 1301 Exploration of the Arts
DANC 1310 Understanding Dance
DANC 2311 Topics in Dance
DANC 2321 Stretch, Conditioning, Alignment
DANC 2331 Dance Technique 1
DANC 2332 Modern Dance 1
DANC 2333 Jazz Dance 1
DANC 2334 Ballet 1
DANC 2336 Tap Dance 1
DANC 2V71 Independent Study in Dance
DANC 3332 Dance Technique 2
DANC 3333 Modern Dance 2
DANC 3334 Jazz Dance 2
DANC 3335 Ballet 2
DANC 3340 Dance in Historical Context
DANC 3342 Advanced Topics in Dance
DANC 3345 Dance Performance
DANC 3347 Dance Composition
DANC 4313 Dance Technique 3
DANC 4314 Modern Dance 3
DANC 4315 Ballet 3
DANC 4316 Jazz Dance 3
DANC 4317 Dance Performance 2
DANC 4318 Dance Technique 4
DANC 4V71 Independent Study in Dance

DRAM 1310 Understanding Theater

DRAM 1351 Acting 1

DRAM 1352 Acting 2

DRAM 2311 Topics in Theater

DRAM 2364 Musical Theater Workshop

DRAM 2371 Technical Theater 1

DRAM 2372 Improvisation

DRAM 2373 Languages of the Body

DRAM 2V71 Independent Study in Drama

DRAM 3310 Theater/Performance Ensemble

DRAM 3323 Performance in Historical Context

DRAM 3324 Technical Theater 2

DRAM 3325 Directing

DRAM 3342 Advanced Topics in Theater

DRAM 3351 Light Design

DRAM 3356 Acting 3

DRAM 3372 Advanced Improvisation

DRAM 4V71 Independent Study in Drama (1-3 semester credit hours)

MUSI 1306 Understanding Music

MUSI 1313 Fundamentals of Music

MUSI 2113 Pep Band

MUSI 2127 UT Dallas Choir

MUSI 2315 Guitar I

MUSI 2316 Guitar Ensemble I

MUSI 2317 Piano I

MUSI 2319 Digital Music I

MUSI 2311 Topics in Music

MUSI 2322 Music in Western Civilization

MUSI 2324 Instrumental Ensemble I
MUSI 2325 Vocal Instruction I
MUSI 2326 Jazz Ensemble I
MUSI 2328 Music Theory I
MUSI 2V71 Independent Study in Music
MUSI 3118 String Orchestra
MUSI 3120 Wind Ensemble II
MUSI 3312 Advanced Orchestra/Chamber Music Ensemble I
MUSI 3316 Guitar Ensemble II
MUSI 3322 Music in Historical Context
MUSI 3323 The Guitar: Medieval to Modern
MUSI 3324 Jazz History: Roots to Swing
MUSI 3325 Jazz History: Modern Jazz since BeBop
MUSI 3328 Music Theory II
MUSI 3342 Advanced Topics in Music
MUSI 3380 Guitar II
MUSI 3381 Intermediate Ensemble II
MUSI 3384 Best of Broadway
MUSI 3385 Chamber Singers I
MUSI 3386 Jazz Ensemble II
MUSI 3387 Jazz Improvisation and Keyboard Harmony
MUSI 3388 Piano II
MUSI 3389 Digital Music II
MUSI 4118 Advanced String Orchestra
MUSI 4120 Wind Ensemble III
MUSI 4312 Advanced Orchestra/Chamber Music Ensemble II
MUSI 4316 Guitar Ensemble III
MUSI 4345 Music Performance III
MUSI 4346 Instrumental Ensemble III
MUSI 4347 Vocal Ensemble III
MUSI 4385 Chamber Singers II
MUSI 4386 Jazz Ensemble III
MUSI 4348 Creating Music
MUSI 4V12 Advanced Performance I
MUSI 4V13 Advanced Performance II
MUSI 4V61 Individual Instruction in Vocal Performance (1-3 semester credit hours)
MUSI 4V71 Independent Study in Music (1-3 semester credit hours)

**Minor in Philosophy: 18 semester credit hours**

Choose any six courses from the following:

PHIL 1301 Introduction to Philosophy
PHIL 2316 History of Philosophy I
PHIL 2317 History of Philosophy II
PHIL 2V71 Independent Study in Philosophy
PHIL 3328 History and Philosophy of Science and Medicine
PHIL 3373 Philosophy of Mind
PHIL 3375 Ethics in Contemporary America
PHIL 4305 Philosophical Concepts
PHIL 4308 Theories of Knowledge
PHIL 4310 Philosophy of Technology
PHIL 4380 Topics in Philosophy
HIST 3328 History and Philosophy of Science and Medicine
HIST 3376 American Intellectual History, Colonial to the Civil War
HIST 3377 American Intellectual History, Civil War to the Present
HIST 3302 Gender in Western Thought
PHIL 4320 Medical Ethics
PHIL 4321 Philosophy of Medicine
HIST 4380 Topics in Intellectual History
HIST 4V71 Independent Study in Historical Studies (1-3 semester credit hours)
Minor in Spanish and Hispanic Area Studies: 18 semester credit hours

Language Courses (must enroll in a minimum of two sequential courses in Spanish at UT Dallas)
Choose two courses from the following:

- **SPAN 1311** Beginning Spanish I
- **SPAN 1312** Beginning Spanish II
- **SPAN 2311** Intermediate Spanish I
- **SPAN 2312** Intermediate Spanish II
- **SPAN 3363** Spanish Composition and Style
- **SPAN 3365** Advanced Spanish I
- **SPAN 3366** Advanced Spanish II

Upper-Division Courses: 12 semester credit hours
Choose any four courses from the following:

- **SPAN 4301** Advanced Spanish Conversation
- **SPAN 4302** Spanish Conversation and Community
- **SPAN 4364** Advanced Spanish Culture
- **LANG 3342** Advanced Language Instruction
- **LANG 3348** Topics in Language
- **LANG 4348** Advanced Topics in Language
- **LIT 3329** Ethnic American Literature
- **LIT 3385** Topics in Latin American Literature
- **HIST 3358** Latin American History
- **HIST 3379** United States Relations with Latin America
- **HIST 3391** Modern Mexico
- **HIST 3392** U.S.-Mexico Borderlands
- **HIST 3398** Colonial Latin American History
- **HIST 3399** Modern Latin American History
- **HIST 4359** Topics in Latin American History
Topics courses (and LIT 3329 Ethnic American Literature) must be approved by the School of Arts and Humanities before enrolling.

**Minor in Visual Arts: 18 semester credit hours**

**Arts Foundations: 3 semester credit hours**

Choose one course from the following:

- ARTS 1316 Drawing Foundations
- ARTS 2316 Painting Foundations
- ARTS 2350 Photography: Design Basics
- ARTS 2380 2D Design Foundations
- ARTS 2381 Introduction to Sculpture
- ARTS 2V71 Independent Study in Visual Arts (1-3 semester credit hours)

**Art History Foundations: 3 semester credit hours**

Choose one course from the following:

- AHST 1303 Survey of Western Art History: Ancient to Medieval
- AHST 1304 Survey of Western Art History: Renaissance to Modern
- AHST 2331 Understanding Art
- AHST 3313 Medieval Art
- AHST 3315 The Art of the Renaissance
- AHST 3316 The Art of the Baroque
- AHST 3317 Pioneers of Modern Art
- AHST 3318 Contemporary Art
- AHST 3319 Twentieth Century European Art: Avant-Garde and Aftermath
- AHST 3320 Art in Historical Context
- AHST 3321 Chinese Art History
- AHST 3324 History of Photography
- AHST 4342 Topics in Art History
- FILM 2332 Understanding Film
- FILM 3321 Film in Historical Context
- FILM 3325 Film Authorship
**FILM 3342** Topics in Film

**Studio Courses: 12 semester credit hours**

Choose any four courses from the following:

- **ARTS 3313** Design
- **ARTS 3311** Theory and Practice of Visual Arts
- **ARTS 3340** Topics in Studio Art
- **ARTS 3341** Chinese Calligraphy
- **ARTS 3363** Typography, Technology, Image
- **ARTS 4366** Drawing Concepts
- **ARTS 3367** Figure Drawing
- **ARTS 3368** Mixed Media
- **ARTS 3369** Intermediate Painting
- **ARTS 3371** Photography: Black/White
- **ARTS 3372** Photography: Color
- **ARTS 3373** Printmaking
- **ARTS 3375** Sculpture
- **ARTS 3376** Time-Based Art
- **ARTS 3377** Photography: Altered Image
- **ARTS 3379** Photography: New Media
- **ARTS 3381** Video Painting
- **ARTS 3382** Color as Subject
- **ARTS 4308** Image/Text
- **ARTS 4366** Advanced Drawing
- **ARTS 4368** Advanced Visual Arts
- **ARTS 4369** Advanced Painting
- **ARTS 4372** Advanced Photography
- **ARTS 4V71** Independent Study in Visual Arts (1-3 semester credit hours)