

COLLEGE OF ARTS AND SCIENCES ADVISING AND ACADEMIC SERVICES

THE OHIO STATE UNIVERSITY Bachelor of Arts Interdisciplinary Middle Childhood Education Major Degree Requirements

Autumn Quarter 2011

The following degree requirements apply if you

■ *began your career as a regularly enrolled college student at Ohio State between Autumn Quarter 1990 and Spring Quarter 2007, or*

■ *began your career as a regularly enrolled college student at Ohio State summer quarter 2007, autumn quarter 2007, winter quarter 2008, or spring quarter 2008 and had earned 45 or more hours of transfer credit (excluding any AP credit hours you earned while you were enrolled in high school).*

Note: if four or more years have elapsed between any two successive quarters of enrollment at Ohio State, you must fulfill the requirements for the degree in effect at the time of reenrollment.

The following degree requirements are effective autumn quarter 2011. Check the web site ascadvising.osu.edu/gec for updated information. Consult your advisor before making enrollment decisions.

Goal

Ohio State's **General Education Curriculum (GEC)** is an integral part of an Arts and Sciences education. General education, as embodied in Arts and Sciences, provides the development of knowledge, perception, attitudes, and skills necessary to understand society's traditions and past, its accomplishments and aspirations, its relation and responsibility to the natural world, its diversity and plurality, and its problems and needs. The **goal** is for you to attain a sense of self within society that invites a continuing desire and ability to learn and work with others for future realization of the human potential. Specific goals aimed toward the broader goal of the GEC are listed below under the eight categories of the curriculum.

The College of Arts and Sciences

The College of Arts and Sciences consists of 39 departments and schools offering majors in the arts and humanities, natural and mathematical sciences, and social and behavioral sciences.

Your Responsibility as a Student

You must assume responsibility for knowing the published policies governing the curriculum you are pursuing, as well as the regulations and procedures of the college and the university. The Bachelor of Arts interdisciplinary middle childhood education major curriculum sheet should be used in conjunction with the degree planning information and college policies, published online, at ascadvising.osu.edu.

Prerequisites

You are responsible for meeting all prerequisites to courses in which you enroll. Failure to satisfactorily complete prerequisites may delay graduation.

Interdisciplinary Middle Childhood Education Major

The interdisciplinary middle childhood education major with a minor in education is offered cooperatively by Arts and Sciences and the College of Education and Human Ecology. The program is designed to fulfill many of the Ohio and national requirements for licensure for a middle childhood teacher (grades 4-9) and to streamline preparation for application to the Master of Education (MEd) licensure program at Ohio State.

Students in the program choose two areas of concentration (AOC), in any combination, from among the following:

- mathematics
- science
- reading and language arts
- social studies

Each concentration area is designed to provide a foundational understanding of the principles and methodologies of the subject matter relevant to the middle childhood curriculum, as well as an understanding of how each subject is important to society and everyday life.

Several of the required courses are taught using active learning methods, which are found to be most effective in learning. The program also includes field experiences and courses in education, which will provide first-hand experience in grade 4-9 classrooms and provide an opportunity to examine pedagogical methods.

The minimum cumulative grade point average (GPA) for entry into and graduation from this program is 2.7. Please be aware that Ohio State's MEd licensure program currently requires a minimum GPA of 3.0 for admission, and that the average GPA of admitted students is usually significantly higher.

You should note, however, that completion of the major does not guarantee admission into Ohio State's MEd program, and you will have the option to apply for licensure/master's programs at other institutions, as well as Ohio State.

General College Requirements

■ You must earn a minimum of 191 credit hours. In addition to the General Education Curriculum, you will complete general college and major requirements and elective course work to reach a minimum of 191 credit hours.

Remedial courses (e.g., English 109.01 and 109.02; Mathematics 50 and 75), and credit hours earned in repeated course work, do not count toward the 191 hour minimum requirement for the Bachelor of Arts degree. Note that you can take both "versions" of cross-listed courses (e.g., Comparative Studies/Philosophy 170); however, since the two versions are in fact the same course, only one may count toward your minimum degree hours.

Within the minimum 191 credit hours, you must have:

■ A minimum of 176 hours of Arts and Sciences or Arts and Sciences-approved courses.

You may count a maximum of 15 hours of non-Arts and Sciences and non-Arts and Sciences-approved course work toward your degree. Of the 15 hours, no more than six may be from physical activities courses taught in Education: Physical Activity and Educational Services (EDU PAES); physical activities courses include all 100 level EDU PAES courses except for 102, 103, 122, 137, and 138. A maximum of 12 hours of technical credit may be counted toward the 15 hours of non-Arts and Sciences and non-Arts and Sciences-approved course work; however, the combination of EDU PAES, technical, and other non-Arts and Sciences credit hours may not exceed 15.

■ A minimum of 60 hours of Arts and Sciences or Arts and Sciences-approved upper-division course work. Upper-division courses are defined as all Arts and Sciences courses at the 300 level or above, Philosophy 250, all courses taught by departments in mathematical and physical sciences at the 200 level and above (except for courses numbered 294), and foreign language courses taught in the language at the 200 level. Your 60 upper-division hours may come from hours earned for the GEC, the major, and electives.

■ A minimum of 45 credit hours earned through regular course enrollment at Ohio State, and regular course enrollment in Arts and Sciences in your last quarter.

In addition, you must have:

- A cumulative GPA of at least 2.70 for all work attempted at Ohio State.
- A cumulative GPA of at least 2.00 in the major. To be competitive for Ohio State's MEd program, you must attain a substantially higher major GPA.
- An application for the degree on file in the Arts and Sciences Graduation Services Office in 141 Denney Hall.

General Education Curriculum (GEC) Requirements

The curricular requirements are divided into eight categories for the Bachelor of Arts degree. In fulfilling the GEC, you may petition (in advance) in the Arts and Sciences Advising and Academic Services Office to substitute upper-division courses that meet the spirit of the GEC for courses on the GEC. If you have transferred to Ohio State from another institution, you can often meet part of the GEC with approximately equivalent courses already taken. Your transfer course work will be reviewed in Arts and Sciences Advising, and courses that meet the spirit of the GEC will be applied to the GEC.

You must earn at least a D in a course for it to meet a GEC requirement. Courses taken on a pass/non-pass basis cannot be used to meet GEC requirements.

Exclusivity of GEC, Major, and Minor Courses

With the exceptions noted below, courses may not be counted on both the GEC and the major. Courses taken to fulfill GEC requirements may count on the minor unless specifically disallowed by an individual minor program. Courses may not be counted on both the major and the minor.

Some GEC courses are listed in more than one category; with the exceptions noted below, however, GEC courses may not be used to meet more than one GEC requirement.

Courses Used to Meet More than One Requirement

Courses used to meet the Diversity Experiences category may also count in another GEC category or on the major. The course used to meet the Data Analysis requirement may also count on the major if the course is at the 200 level or above and approved by the major advisor.

Group Studies and Individual Studies

Group studies (X94 courses) and individual studies (X93 courses) are not acceptable for meeting GEC requirements except when a specific experimental course has been approved by the Arts and Sciences Committee on Curriculum and Instruction. If a course has been approved, it will be listed on this curriculum sheet.

Summary of Degree Requirements

GEC hours	85 – 110
1. Writing and Related Skills	10
2. Quantitative and Logical Skills	10 – 15
3. Foreign Language	0 – 20 ¹
4. Natural Science	20
5. Social Science	15
6. Arts and Humanities	25
7. Diversity	0
8. Issues of the Contemporary World	5
AOC 1	30 – 40
AOC 2	30 – 40
Education Minor	22 – 24
College Survey 100	1
Minimum Hours Required	191

Hours required for the GEC, your major, the minor, and available elective hours will bring your total credit hours to the minimum hours required for graduation.

¹ Course work or proficiency through the fourth language course (104) is required.

Admission to the Major

Admission requirements for the interdisciplinary middle childhood major are as follows:

1. the completion of 45 graded credit hours at Ohio State, with at least 15 credit hours from either or both of the intended content concentration areas. The courses considered to be in the content areas include

- required prerequisite courses in the content area
- required major courses in the content area
- any of the following General Education Curriculum courses:

Mathematics: Mathematics 108, 109; Statistics 145
 Reading and Language Arts: English 271, 290, or 291
 Science: Physics 106, 107; Biology 113, 114
 Social Studies: Economics 201; History 151, 181
 Political Science 100, 101, 165, 210

2. the attainment of a GPA of at least 2.7; and
3. the submission of an application for admission into the program.

Applications are reviewed by the major oversight committee. If admitted to the major, your status will be changed from pre-major to major. If you wish to appeal the decision of the oversight committee regarding admission to or graduation from the program, the appeal will be considered by the executive dean of Arts and Sciences.

Academic Advising

If you are a pre-major or major student, you are assigned an academic advisor in Arts and Sciences Advising and Academic Services. These advisors are middle childhood education specialists. College of Education and Human Ecology (EHE) advisors are available to assist you with MEd information.

GEC Requirements

Symbols

- Social Diversity in the United States course that also counts in another GEC category
- [†] Natural Science course that has a laboratory component
- ★ International Issues non-western or global course that also counts in another GEC category
- ◆ International Issues western (non-United States) course that also counts in another GEC category
- * An asterisk indicates that the course fulfills an Ohio teaching licensure requirement.

1. Writing and Related Skills, 10 hours

The goal of courses in this category is to develop skills in writing, reading, critical thinking, and oral expression.

A. First Course, 5 hours

English 110.01, 110.02, 110.03 (110)

B. Second Course, 5 hours

Reading and Language Arts AOC

Select one course from English 367.01•, 367.02•, 367.03•, 367.04, 367.05•, 367.06, 367.07.

All other areas of concentration

Select one course from the following list.

African-American and African Studies 367.02•, 367.03•, 367.04•

Agricultural Communication 367•

Arabic 367•

Art Education 367.01•, 367.02, 367.03•

Communication 367

Comparative Studies 367.01•, 367.02•, 367.03•, 367.04•

Dance 367.01

Economics 367.01, 367.02

Engineering 367•

English 367.01•, 367.02•, 367.03, 367.04, 367.05•, 367.06, 367.07

Environment and Natural Resources 367

Film Studies 367.01, 367.02

German 367
 History of Art 367
 Human Development and Family Science 367
 Landscape Architecture 367
 Linguistics 367.01•, 367.02
 Modern Greek 367•
 Nursing 367
 Philosophy 367•
 Physics 367
 Political Science 367.01
 Psychology 367.01, 367.02
 Slavic Languages and Literatures 367•
 Sociology 367.01H, 367.02, 367.03H
 Spanish 367•
 Theatre 367.01•, 367.02•, 367.03•
 Women's, Gender and Sexuality Studies 367.01•, 367.02•, 367.03•,
 367.04•
 Yiddish 367

C. Third Course

Course work is taken as part of the major program. Note: this requirement is not in effect for all majors; please consult your major advisor.

2. Quantitative and Logical Skills, 15-20 hours

The goal of courses in this category is to develop logical reasoning, including the ability to identify valid arguments, use mathematical models, and draw conclusions based on quantitative data.

A. Basic Computational Skills, 0-5 hours

Attain Math Placement Level R or higher, or complete Mathematics 75 or 104. Credit for Mathematics 75 does not count toward the minimum hours required for the degree.

B. Mathematical and Logical Analysis, 10 hours

Mathematics AOC
 Mathematics 108 and 109

All other areas of concentration
 Mathematics 105 and 106

C. Data Analysis, 5 hours

Mathematics AOC
 Statistics 145

All other areas of concentration
 Statistics 135 or 145

3. Natural Science, 20 hours

The goal of courses in this category is to foster an understanding of the principles, theories, and methods of modern science; the relationship between science and technology; and the effects of science and technology on the environment.

Science AOC
 Biology 113^L - 114^L
 Physics 106^L - 107^L

All other areas of concentration
 Take Physics 106^L - 107^L and two additional courses. At least one of the two additional courses must be from the Biological Sciences.

Biological Science Courses

Animal Sciences 310
 Anthropology 200
 Biology 101^L, 102, 103, 113^L, 114^L, 115H^L, 116H^L, 350
 Entomology 101^L, 102^L, 333
 Environment and Natural Resources 201
 Evolution, Ecology, and Organismal Biology 232, 235^L
 Food Science and Technology 201
 Horticulture and Crop Science 200^L, 300^L
 Human Nutrition 210
 Microbiology 509^L
 Plant Biology 101, 102^L, 300^L

Physical Science Courses

Astronomy 141, 142, 143, 161, 162, 163H, 171, 172, 294 (AU 07, WI 08, SP 08), 294A (SP 08), 294Z (WI 08)
 Chemistry 100, 101^L, 102^L, 121^L, 122^L, 123^L, 201H^L, 202H^L, 203H^L
 Earth Sciences 100^L, 105, 108, 110^L, 121^L, 122^L, 151, 155, 203^L, 204, 205^L, 206^L, 210, 294H^L (AU 07, SP 09), 451H^L
 Environment and Natural Resources 101, 155, 300.01, 300.02^L (both 300.01 and 300.02 must be taken)
 Geography 120^L, 210^L, 410H, 420
 Physics 103, 104, 106^L, 107^L, 108^L, 110, 111^L, 112^L, 113^L, 131^L, 132^L, 133^L, 161, 162, 367

4. Social Science, 15 hours

The goal of courses in this category is to help you understand human behavior and cognition, and the structures of human societies, cultures, and institutions.

Social Studies AOC
 Political Science 100, 101, 165, or 210
 Psychology 100•
 One additional course from Section A, B, or C

All other areas of concentration
 Take Psychology 100• and two additional courses. One of the additional courses must be from section B or C.

A. Individuals and Groups

African-American and African Studies 101 (201), 218
 Animal Sciences 240
 Anthropology 201★, 202★, 421.08
 Communication 101, 200, 431
 Consumer Sciences: Fashion and Retail Studies 372
 Economics 348
 Education: Educational Policy and Leadership 411
 Education: Teaching and Learning 559•
 Geography 205
 Human Development and Family Science 360, 361, 364
 International Studies 356★
 Linguistics 170★, 270, 307♦, 371, 372•, 375★
 Political Science 201
 Psychology 100•, 371
 Rural Sociology 378★
 Social Work 230
 Sociology 210, 370, 380
 Speech and Hearing Science 330, 350
 Women's, Gender and Sexuality Studies 110•

B. Organizations and Politics

Consumer Sciences: Consumer and Family Financial Services 243
 Economics 201
 Environment and Natural Resources 400
 Geography 450★, 460, 465, 643
 International Studies 201★, 230★, 231★, 235★, 245★, 250★
 Political Science 100★, 101, 165, 210, 211, 245★, 517, 532♦, 575
 Rural Sociology 105•
 Sociology 101•, 345

C. Human, Natural, and Economic Resources

Agricultural, Environmental, and Development Economics 200, 280★
 Business Administration: Management and Human Resources 290
 Consumer Sciences 340
 Economics 110.01, 110.02, 110.03, 200
 Environment and Natural Resources 203
 Geography 200★, 240★, H410, 430
 History 366.01★
 International Studies 210♦, 215★, 240★, 280★
 Political Science 145★, 541★
 Sociology 460, 463, 466
 Social Work 220

5. Arts and Humanities, 25 hours

A. Historical Survey, 10 hours

The goal of courses in this category is to develop your knowledge of how past events influence today's society and help you understand how humans view themselves.

Social Studies AOC

History 151 or 152 and History 181★ or 182★

All other areas of concentration

Choose two courses. The first course must be from the following list.

African-American and African Studies 121★, 122★
Classics 323
Economics 515★, 516★
Education: Physical Activity and Educational Services 210, 211
Engineering 360.01, 360.02
History 111♦, 112♦, 121★, 122★, 141★, 142★, 151, 152, 171★, 172★, 181★, 182★, or any History course at the 300 level in the Course Offerings Bulletin (except for 394 and 398).
History of Art 201♦, 202♦
International Studies 210♦
Philosophy 111H♦, 112H♦, 280
Women's, Gender and Sexuality Studies 322H•

The second course can be any of the above or any History course at the 500 level (except for 593, 594, 597, and 598).

B. Analysis of Texts and Works of Art, 15 hours

The goal of courses in this category is for you to evaluate significant writing and works of art. Such studies develop capacities for aesthetic and historical response and judgment; interpretation and evaluation; critical listening, reading, seeing, thinking, and writing; and experiencing the arts and reflecting on that experience.

Select 15 credit hours from the following lists, with at least five credit hours from the literature section and five credit hours from the visual/performing arts section. A maximum of five hours is permitted from the area of the major, but these hours may not be counted on the major.

1. Literature, 5 hours

Reading and Language Arts AOC

English 290 or 291

All other areas of concentration

Select one course from the list below.

African-American and African Studies 154, 251★, 254, 271, 345, 551•
Arabic 371★, 372★, 375
Chinese 251★, 501★, 502★, 503★, 504★
Classics 101♦, 102♦, 222♦, 327
Comparative Studies 100★, 201♦, 202.01★, 202.02★, 203♦, 204♦, 205♦, 240H♦, 273♦, 301★, 306★, 308★, 314★
English 201♦, 202♦, 220♦, 260, 261, 262, 275, 280, 281•, 290, 291, 361, 372
French 150♦, 151♦, 152★, 250
German 250, 263H♦, 291♦, 292♦, 399♦
Hebrew 370★, 372★, 373★, 374★, 378★
Italian 151♦, 152♦, 251
Japanese 251★, 252★
Korean 251★
Modern Greek 250H, 371♦
Near Eastern Languages and Cultures 372★, 374★
Persian 370★, 371★, 374
Philosophy 215★, 301♦, 302♦, 303♦, 304♦, 305♦, 306, 307♦
Portuguese 150★, 159★
Russian 250★, 251★
Scandinavian 222♦, 500, 513
Slavic Languages and Literatures 245♦, 251★
Spanish 320♦, 321♦, 520★
Turkish 371★, 372★
Women's, Gender and Sexuality Studies 215, 372★
Yiddish 371♦, 399♦

2. Visual/Performing Arts, 5 hours

African-American and African Studies 288•, 376•, 571•
Architecture 271
Art 205, 206, 300.01, 300.02, 340, 455H
Art Education 160, 252, 367.01•

Comparative Studies 358♦, 336• (AU 10 and later)
Dance 161, 200
East Asian Languages and Literatures 346
English 263, 269
Film Studies 270
Hebrew 245, 345
History of Art 201♦, 202♦, 213★, 216★, 260★, 300♦, 301, 305, 315♦, 316, 340, 345, 350, 360, 367, 505★, 519♦, 520♦, 525♦, 530, 576★, 582★
Italian 221♦
Korean 505★
Landscape Architecture 201
Medieval and Renaissance Studies 219♦
Modern Greek 268♦
Music 250★, 251♦, 252, 253, 288•, 341, 342, 345.01, 347♦, 348★, 349
Philosophy 240, 242H, 294 (SP 11)
Physics 455H
Russian 360★
Scandinavian 520♦
Slavic Languages and Literatures 360
Spanish 322♦, 330★, 380★
Theatre 100•, 101H, 161, 230H, 271, 280
Women's, Gender and Sexuality Studies 230, 317

3. Cultures and Ideas

African-American and African Studies 303•, 342★, 485.01★
Allied Medicine 307
Anthropology 241★
Arabic 241★, 377★
Art Education 255•
Arts and Sciences 265★ (SP 11 and later), 500
Chinese 231★, 232★
Classics 224♦, 225♦, 226♦, 230♦, 240♦, 250
Comparative Studies 170, 234•, 241•, 242•, 264, 270★, 272♦, 274, 275, 305♦, 336• (SU 10 and earlier), 339★, 345, 373★, 376★, 377★
Dance 357•
East Asian Languages and Literatures 131★, 341★
Economics 500
English 167H, 264, 270, 271, 276, 277, 282•, 364, 378
French 153
German 275♦, 299♦, 360, 590H♦
Hebrew 216★, 241★, 376★, 379
History 306♦, 330.01★, 346•
History of Art 306♦, 570
Japanese 231★
Jewish Studies 201♦
Korean 231★
Linguistics 201, 301, 303•
Medieval and Renaissance Studies 210♦, 211★, 212♦, 213★, 214★, 215♦, 216★, 217♦, 218★, 226★, 240♦
Modern Greek 200♦, 241♦
Near Eastern Languages and Cultures 241★, 244★, 311, 341, 344★, 345★, 351★, 358, 360, 370★, 380
Persian 241★
Philosophy 101, 130, 131.01, 170, 230, 270, 336•
Portuguese 330★, 331★, 335
Romanian 235♦
Russian 135★, 235★
Slavic Languages and Literatures 130♦
Spanish 150♦, 151★, 242•, 331★, 332★
Turkish 241★
Women's, Gender and Sexuality Studies 110• (AU 10 and later) (101•), 282•
Yiddish 241♦

6. Diversity, 0 hours

A. Social Diversity in the United States

The goal of courses in this category is to foster an understanding of the pluralistic nature of institutions, society, and culture in the United States.

Completed by Psychology 100

B. International Issues

The goal of courses in this category is to help you become an educated, productive, and principled citizen of your nation and the world.

You should overlap international issues courses with another GEC category or your major. If you do not overlap international issues courses with another GEC category or your major, the international issues requirement must still be met.

Select two international issues courses. One must be a non-western or global course [designated with a star (★)]. The other course may be another non-western or global course, or a western (non-U.S.) course [designated with a diamond (◆)].

Non-Western or Global GEC Courses (★)

African-American and African Studies 121, 122, 251, 342, 485.01
Agricultural, Environmental, and Development Economics 280
Anthropology 201, 202, 241
Arabic 241, 371, 372, 377
Arts and Sciences 265 (SP 11 and later)
Chinese 231, 232, 251, 501, 502, 503, 504
Communication 597.01
Comparative Studies 100, 202.01, 202.02, 270, 301, 306, 308, 314, 339, 373, 376, 377,
East Asian Languages and Literatures 131, 341
Economics 508, 515, 516
French 152
Geography 200, 240, 450
Hebrew 216, 241, 370, 372, 373, 374, 376, 378
History 121, 122, 141, 142, 171, 172, 181, 182, 330.01, 366.01
History of Art 213, 216, 260, 505, 576, 582
International Studies 201, 215, 230, 231, 235, 240, 245, 250, 280, 356
Japanese 231, 251, 252
Korean 231, 251, 505
Linguistics 170, 375 (365)
Medieval and Renaissance Studies 211, 213, 214, 216, 218
Music 250, 348
Near Eastern Languages and Cultures 241, 244, 344, 345, 351, 370, 372, 374
Persian 241, 370, 371
Philosophy 215
Political Science 100, 145, 245, 541
Portuguese 150, 159, 330, 331, 597.01, 597.02
Rural Sociology 378
Russian 135, 235, 250, 251, 360
Slavic Languages and Literatures 251
Spanish 151, 330, 331, 332, 380, 520
Turkish 241, 371, 372
Women's, Gender and Sexuality Studies 372

Western (non-United States) Courses (◆)

Classics 101, 102, 222, 224, 225, 226, 230, 240
Comparative Studies 201, 203, 204, 240H, 272, 273, 305, 358
English 201, 202, 220
French 150, 151
German 260.01, 260.02, 260.03, 263H, 275, 291, 292, 299, 399, 590H
History 111, 112, 306
History of Art 201, 202, 300, 306, 315, 519, 520, 525
International Studies 210
Italian 151, 152, 221
Jewish Studies 201
Linguistics 307
Medieval and Renaissance Studies 210, 212, 215, 217, 219, 226, 240
Modern Greek 200, 241, 268, 371
Music 251, 347
Philosophy 111H, 112H, 301, 302, 303, 304, 305, 307
Political Science 532
Romanian 235
Scandinavian 222, 520
Slavic Languages and Literatures 130, 245
Spanish 150, 320, 321, 322
Yiddish 241, 371, 399

7. Foreign Language, 0-20 hours

The goal of courses in this category is to develop your skills in communication across ethnic, cultural, ideological, and national boundaries, and help you develop an understanding of other cultures and patterns of thought.

Course work or proficiency through the fourth language course (104) is required.

Foreign Languages offered²

American Sign Language	Italian	Somali
Arabic	Japanese	Spanish
Bulgarian	Korean	Swahili
Chinese	Latin	Swedish
Czech	Modern Greek	Turkish
French	Persian	Twi
German	Polish	Ukrainian
Greek	Portuguese	Urdu
Hausa	Romanian	Uzbek
Hebrew	Russian	Yiddish
Hindi	Serbo-Croatian	Yoruba
Hungarian	Shona	Zulu
Georgian		

² Some languages are not offered every quarter.

8. Issues of the Contemporary World, 5 hours

The goal of courses in this category is to provide thematic upper-division course work, which draws upon multiple disciplines, to enrich your experiences of the contemporary world.

Science AOC

Biology 597• is recommended

All other concentration areas

Select one course from the following list.

Biology 597•
Economics 597.01
Entomology 597
Geography 597.01
History 597
Political Science 597.01
Sociology 597.01

Arts and Sciences Policies Regarding the Major

Your major program must consist of at least 40 hours of credit in courses numbered 200 or above as prescribed by your major advisor. Please note that many major programs require considerably more than 40 hours of credit. Course work required for each of the subject-matter combinations of the interdisciplinary middle childhood education major is listed in the following section.

You must earn at least a C- in a course in order for it to be listed on your major. However, you must receive a 2.0 cumulative GPA for all major course work. If you earn a D+, D, or an E in a course that is required for your major program, the course cannot be counted toward the major. Your major advisor will decide if the course should be repeated or if another course should be substituted for it. Courses taken on a pass/non-pass basis cannot be used on the major.

Your major advisor must approve all courses comprising your major. If you change from one major or curriculum to another, consult with an Arts and Sciences advisor. Such changes may result in modifying requirements to such an extent that your date of graduation might be delayed.

A transfer student (i.e., from another institution) must have on the major program at least 20 credit hours earned at The Ohio State University. The student's advisor, the faculty oversight committee, and the Arts and Sciences executive dean must approve any request for a variation in this policy.

Arts and Sciences Subject-Matter Concentration Areas

Interdisciplinary middle childhood education majors select two of the four core areas that follow. An asterisk (*) indicates that the course fulfills an Ohio teaching licensure requirement.

1. Mathematics AOC, 19-20 hours

Prerequisite course work, 0-10 hours

Mathematics 148* and 150; or 151* and 152*

Major course work, 19-20 hours

Computer Science and Engineering 200* or 201*
Mathematics 110*
Mathematics 111
Mathematics 212

2. Reading and Languages Arts AOC, 28-30 hours

Major course work, 28-30 hours

Language study, 5 hours

Select one course from the following list.
English 271*, 570*
Linguistics 201*

Literature, 15 hours

Select one course from each of the following sections.

American literature

English 290*, 291*, 550*, 551*, 552*, 553*

World literature

African-American and African Studies 251*
Classics 222*
Comparative Studies 201*
English 583
Russian 250*

Literature elective

American or British literature at the 500 level or above

Oral and written composition, 3-5 hours

Select one course from the following list.
Communication 321*, 367*
Education: Teaching and Learning 633*

Nonprint Media/Film, 5 hours

Select one course from the following list.
Communication 200*, 240*, 341*
English 263*

3. Science AOC, 23 hours

Prerequisite course work, 20 hours

Chemistry 121* and 122
Earth Sciences 121* and 122*

Major course work, 23 hours

Earth Sciences 583 or 584

Physics 699, Chemistry 585, Biology 699 or 692 approved by advisor (research)

Select three courses in at least two of the following areas (science electives)

Biological science

Entomology 500
Evolution, Ecology, and Organismal Biology 322, 350, 370, 400, 405.01 and 405.02, 410, 413.01 and 413.02, 502, 510, 512
Microbiology 509
Molecular Genetics 500
Plant Biology 300

Earth science

Earth Sciences 201, 203, 204, 206, 210, 212
Geography 210, 520

Physical science

Chemistry: any course numbered 203 or higher
Physics: 108 or any course numbered at the 200 level or higher

4. Social Studies AOC, 25 hours

Major course work, 25 hours

Geography, 5 hours

Geography 200* or 240*

Social science methodology, 5 hours

History 398

Social science elective, 10 hours

Anthropology 201* or 202* required

And select one course from the following list.

Anthropology 630
Economics 556
Geography 400, 450, 460, 635, 650, 660
Political Science 520, 550, 571
Sociology 202, 320, 430

Social science diversity elective, 5 hours

Select one course from the following list.
Anthropology 533.01, 533.02, 601.04
Geography 505, 513, 608, 652
Political Science 504, 512, 533, 537, 540, 541, 546
Sociology 380, 382, 435, 463, 467
Speech and Hearing Science 310
Women's, Gender and Sexuality Studies 340, 350, 505, 524, 623

Education Core, 10-16 hours

Interdisciplinary middle childhood education majors take the following education core courses.

Introductory Methods and Field Experience in Middle Childhood Education, 10 hours

Select the two that match your areas of concentration.

Education: Teaching and Learning
489.01 (mathematics)
489.07 (reading and language arts)
489.04 (science)
489.06 (social science)

Additional education course work, 0-6 hours

Reading and Language Arts concentration
Education: Teaching and Learning 467*, 656*

Social Studies concentration

Education: Teaching and Learning 467*

Minor Requirements**Arts and Sciences Policies Regarding the Minor**

The minor course work described below is required as part of your program in interdisciplinary middle childhood education. Minor course work may not count toward the GEC or the major. An asterisk indicates that the course fulfills an Ohio teaching licensure requirement.

You must earn at least a C- in a course in order for it to be listed on your minor. However, you must receive a 2.0 cumulative GPA for all minor course work. If you earn a D+, D, or an E in a course that is required for your minor program, the course cannot be counted toward the minor. Your advisor will decide if the course should be repeated or if another course should be substituted for it. Courses taken on a pass/non-pass basis cannot be used on the minor. If you are a transfer student (i.e., from another institution), you may use a maximum of 10 transfer credit hours on the minor.

All courses comprising your minor must be approved in writing by your advisor on a minor program form. Changes in your minor program may be made only with the written approval of your advisor. The minor program form and any revisions must be filed in the Arts and Sciences office in Denney Hall at the time approval is given.

Minor course work, 22-24 hours

Education: Educational Policy and Leadership 306*
 Education: Educational Policy and Leadership 309*
 Education: Educational Policy and Leadership 607* or Psychology 551*
 Education: Teaching and Learning 668*
 Education: Teaching and Learning 669*

Degree Requirements**Mathematics and Science Combination****GEC course work, 90-115 hours**

English 110	5
Second Writing course	5
Basic Computational Skills	0-5
Mathematics 108*, 109*	10
Statistics 145*	5
Physics 106*, 107	10
Biology 113*, 114*	10
Psychology 100	5
Social Science	10
Arts and Humanities	25
Foreign Language	0-20
Issues of the Contemporary World (Biology 597 recommended)	5

Prerequisite course work, 29-30 hours

Chemistry 121*, 122	10
Earth Sciences 121*, 122*	10
Mathematics 148* and 150; or 151* and 152*	9-10

College Survey 100 course, 1 hour**Major course work, 52-53 hours**

Mathematics AOC, 19-20 hours

Science AOC, 23 hours

Education core, 10 hours
 Education: Teaching and Learning 489.01, 489.04

Education minor, 22-24 hours**Electives, 0 hours****Minimum total hours required, 194-223****Mathematics and Social Studies Combination****GEC course work, 95-120 hours**

English 110	5
Second Writing course	5
Basic Computational Skills	0-5
Mathematics 108*, 109*	10
Statistics 145*	5
Physics 106, 107	10
Additional Natural Science courses (including at least one Biological Science course)	10
Economics 200 and 201*	10
Political Science 100* or 101* or 165* or 210*	5
Psychology 100	5
History 151* or 152*, 181* or 182*	10
Analysis of Texts and Works of Art	15
Foreign Language	0-20
Biology 597, Geography 597.01, History 597, Political Science 597.01, or Sociology 597.01	5

Prerequisite course work, 9-10 hours

Mathematics 148* and 150; or 151* and 152*

College Survey 100 course, 1 hour**Major course work, 57-58 hours**

Mathematics AOC, 19-20 hours

Social studies AOC, 25 hours

Education core, 13 hours
 Education: Teaching and Learning 467*, 489.01, 489.06

Education minor, 22-24 hours**Electives, 0-7 hours****Minimum total hours required, 191-213****Reading and Language Arts and Mathematics Combination****GEC course work, 90-115 hours**

English 110	5
Second Writing course (English 367.01-.07)*	5
Basic Computational Skills	0-5
Mathematics 108*, 109*	10
Statistics 145*	5
Physics 106, 107,	10
Additional Natural Science courses (including at least one Biological Science course)	10
Social Science (including Psychology 100)	15
Arts and Humanities	25
Foreign Language	0-20
Biology 597, Geography 597.01, History 597, Political Science 597.01, or Sociology 597.01	5

Prerequisite course work, 9-10 hours

Mathematics 148* and 150; or 151* and 152*

College Survey 100 course, 1 hour**Major course work, 63-66 hours**

Reading and language arts AOC, 28-30 hours

Mathematics AOC, 19-20 hours

Education core, 16 hours
 Education: Teaching and Learning 467*, 489.07, 489.01, 656*

Education minor, 22-24 hours**Electives, 0-6 hours****Minimum total hours required, 191-216**

Reading and Language Arts and Science Combination**GEC course work, 90-115 hours**

English 110	5
Second Writing course (English 367.01-.07)*	5
Basic Computational Skills	0-5
Mathematics 105, 106	10
Statistics 135 or 145	5
Physics 106*, 107	10
Biology 113*, 114*	10
Social Science (including Psychology 100)	15
Arts and Humanities	25
Foreign Language	0-20
Issues of the Contemporary World (Biology 597 recommended)	5

Prerequisite course work, 20 hours

Chemistry 121*, 122	10
Earth Sciences 121*, 122*	10

College Survey 100 course, 1 hour**Major course work, 67-69 hours**

Reading and language arts AOC, 28-30 hours

Science AOC, 23 hours

Education core, 16 hours

Education: Teaching and Learning 467*, 489.07, 489.04, 656*

Education minor, 22-24 hours**Electives, 0 hours****Minimum total hours required, 200-229****Reading and Language Arts and Social Studies Combination****GEC course work, 95-120 hours**

English 110	5
Second Writing course (English 367.01-.07)*	5
Basic Computational Skills	0-5
Mathematics 105, 106	10
Statistics 135 or 145	5
Physics 106, 107	10
Additional Natural Science courses (including at least one Biological Science course)	10
Economics 200* and 201*	10
Political Science 100* or 101* or 165* or 210*	5
Psychology 100	5
History 151* or 152*, 181* or 182*	10
Analysis of Texts and Works of Art	15
Foreign Language	0-20
Biology 597, Geography 597.01, History 597, Political Science 597.01, or Sociology 597.01	5

College Survey 100 course, 1 hour**Major course work, 69-71 hours**

Reading and language arts AOC, 28-30 hours

Social studies AOC, 25 hours

Education core, 16 hours

Education: Teaching and Learning 467*, 489.07, 489.06, 656*

Education minor, 22-24 hours**Electives, 0-4 hours****Minimum total hours required, 191-216****Science and Social Studies Combination****GEC course work, 95-120 hours**

English 110	5
Second Writing course	5
Basic Computational Skills	0-5
Mathematics 105, 106	10
Statistics 135 or 145	5
Physics 106*, 107	10
Biology 113*, 114*	10
Economics 200* and 201*	10
Political Science 100* or 101* or 165* or 210*	5
Psychology 100	5
History 151* or 152*, 181* or 182*	10
Analysis of Texts and Works of Art	15
Foreign Language	0-20
Biology 597, Geography 597.01, History 597, Political Science 597.01, or Sociology 597.01	5

Prerequisite course work, 20 hours

Chemistry 121*, 122	10
Earth Sciences 121*, 122*	10

College Survey 100 course, 1 hour**Major course work, 61 hours**

Science AOC, 23 hours

Social studies AOC, 25 hours

Education core 13, hours

Education: Teaching and Learning 467*, 489.04, 489.06

Education minor, 22-24 hours**Electives, 0 hours****Minimum total hours required, 199-226****ASC Curriculum and Assessment Services**

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