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Transfer Pathways: Managerial Accounting

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
ACC-131	Principles of Accounting I	ACC-171	Principles of Accounting I
ECN-120	Principles of Macroeconomics	ECO-175	Principles of Macroeconomics
MAT-157 **or** MAT-160 **or** MAT-162	Statistics **or** Statistical Business Applications **or** Business Statistics	BUS-190	Statistical Analysis
ACC-132	Principles of Accounting II	ACC-215	Principles of Accounting II
ECN-130	Principles of Microeconomics	ECO-215	Principles of Microeconomics

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

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Transfer Pathways: Public Accounting

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
ACC-131	Principles of Accounting I	ACC-171	Principles of Accounting I
ECN-120	Principles of Macroeconomics	ECO-175	Principles of Macroeconomics
MAT-157 **or** MAT-160 **or** MAT-162	Statistics **or** Statistical Business Applications **or** Business Statistics	BUS-190	Statistical Analysis
ACC-132	Principles of Accounting II	ACC-215	Principles of Accounting II
ECN-130	Principles of Microeconomics	ECO-215	Principles of Microeconomics

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.



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Accounting

Students majoring in accounting have two options: the managerial accounting major and the public accounting major. The managerial accounting major is designed for students interested in pursuing a career in private industry or the not-for-profit sector. The public accounting major is designed for students interested in practicing public accounting and those desiring the Certified Public Accounting (CPA) designation. Because of the identical core course requirements in the managerial accounting and public accounting majors, only one of the two majors can be elected by a student. A student receiving a managerial accounting major may pursue a post-baccalaureate major in public accounting, but when completed, the public accounting major would replace the managerial accounting major in the student's records.

Requirements for becoming a CPA differ from state to state. All states require that students pass the Uniform CPA examination and many require the completion of 150 semester hours of education prior to certification. The 150 hours can be completed in undergraduate or graduate programs. To become a CPA in Iowa, the Iowa State Board of Accountancy requires that students pass the CPA examination, complete 150 semester hours of education, and complete specified course work in accounting and business subjects. Students majoring in accounting, business, or economics are required to have a minimum of 24 of their 150 semester hours in financial accounting, auditing, taxation, and management accounting courses above the elementary level. If students majoring in any other field wish to become a CPA in Iowa, they must, in addition, complete at least 24 semester hours in business-related courses (not including internships). (One course credit completed at Coe is counted as four semester hours.)

Accounting students at Coe should work closely with faculty in the department to determine their plan of study. Students wishing to become a CPA should also check the state board's education requirements for the state in which they wish to practice.

Managerial Accounting Major

A major in managerial accounting requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

1. ACC-171 Principles of Accounting I
2. ECO-175 Principles of Macroeconomics
3. BUS-190 Statistical Analysis (WE)
4. ACC-215 Principles of Accounting II
5. ECO-215 Principles of Microeconomics
6. ACC-301 Intermediate Accounting I
7. ACC-315 Managerial Accounting
8. BUS-315 Business Law I
9. ACC-334 Computer Applications – Accounting
10. ACC-351 Intermediate Accounting II
11. ACC-413 Auditing (WE)
12. ACC-415 Advanced Managerial Accounting

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Public Accounting Major

A major in public accounting requires a minimum cumulative 2.0 GPA in all courses counted toward the major. Students wishing to prepare for the examination to become a Certified Public Accountant should select the Public Accounting major, which meets the guidelines for the breadth of business and accounting courses recommended by The American Institute of Certified Public Accountants. Students at Coe can meet the 150 semester hour requirement by completing 37.5 credits.

If degree requirements are not completed by the end of four years, students pursuing a major in public accounting, who are in good academic standing, and who are full-time students, receive a 60% discount on tuition in the consecutive fifth year. They continue to be eligible to apply for student loans and any available federal and state government grants.

1. ACC-171 Principles of Accounting I
2. ECO-175 Principles of Macroeconomics
3. BUS-190 Statistical Analysis (WE)
4. ACC-215 Principles of Accounting II
5. ECO-215 Principles of Microeconomics
6. ACC-301 Intermediate Accounting I
7. ACC-315 Managerial Accounting
8. BUS-315 Business Law I
9. ACC-334 Computer Applications – Accounting
10. ACC-351 Intermediate Accounting II
11. ACC-413 Auditing
12. ACC-422 Tax Accounting
13. ACC-463 Advanced Auditing
14. One of the following:
    BUS-410 Business Law II
    BUS-412 Entrepreneurship and New Business Formation
    BUS-464 Seminar in Management (WE)
    BUS-470 Strategic Management (WE)
15. Three of the following:
    ACC-313 Fraud Examination (WE)
    ACC-401 Governmental and Not-For-Profit Accounting (WE)
    ACC-451 Advanced Accounting (WE)
    ACC-472 Advanced Tax Accounting

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Transfer Pathways: African American Studies

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
LIT-130	African American Literature	AAM/ENG-137	African American Literature (WE)
HIS-257	African American History	HIS-247	African American History (WE)
HIS-150	U.S. History to 1877	HIS-145	History of the United States to 1865
HIS-153	U.S. History since 1877	HIS-155	History of the United States since 186
SPC-120	Intercultural Communication	COM-236	Intercultural Communication (WE)
MUS 205	Jazz History and Appreciation	MU-157	Introduction to Jazz History

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

African American Studies

Buckaloo (Administrative Coordinator).

The African American Studies major offers students the opportunity to study African American culture through an interdisciplinary approach. Students take courses in areas such as literature, history, and sociology in order to gain a more complete understanding of the major figures and movements that helped define the culture.

African American Studies Major

A major in African American studies requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

1. AAM-107 Introduction to African American Studies
2. AAM/ENG-137 African American Literature (WE)
3. HIS-347 African American History (WE)
4. One of the following:
   HIS-145 History of the United States to 1865
   HIS-155 History of the United States since 1865
   HIS-227 The American Civil War
5. Five additional courses, at least three of which are numbered 200 or above, chosen from the following:
   a. Elective courses:
      AAM-217 Sport and Black Culture
      AAM-287 Topics in African American Studies
      AAM-367 Studies in African American Literature
      AAM-387 Advanced Topics in African American Studies
      AAM-447/ -457 Directed Studies in African American Studies
      AAM-467 Seminar in African American Literature
      AAM-494 Internship in African American Studies
      COM-236 Intercultural Communication (WE)
      COM-357 Sex, Race, and Gender in the Media (WE)
      EDU-187 Human Relations (WE)
      HIS-145 History of the United States to 1865 (if not used to satisfy #4 above)
      HIS-155 History of the United States Since 1865 (if not used to satisfy #4 above)
      HIS-227 The American Civil War (if not used to satisfy #4 above)
      MU-157 Introduction to Jazz History
      SOC-247 Sociology of Race
   b. Elective courses (when topic is appropriate):
      These courses can count toward the major or minor as determined by the African American Studies administrative coordinator.
      ARH-297 Topics in Art History: U.S. Pluralism
      COM-157 Intro to Media Analysis (WE)
      COM-161 Visual Rhetoric
      COM-361 Communication & Social Change
      ENG-107 Exploring Literature: United States Pluralism

ENG-207 Gender and Literature: United States Pluralism (WE)
ENG-347 Studies in Modern or Contemporary American Literature (WE)
ENG-394 Directed Studies in English (WE)
HIS-297 Women in America (WE)
HIS-444 Independent Study (WE)
HIS-472 Seminar in American History I (WE)
HIS-473 Seminar in American History II (WE)
SOC-237 Topics in Sociology: United States Pluralism
SOC-464 Capstone Seminar in Sociology (WE)
THE-488 Special Topics in Theatre or Film: Diverse Western Perspectives

6. AAM-444 Independent Study (completed during the senior year)

African American Studies Minor

1. AAM-107 Introduction to African American Studies
2. AAM/ENG-137 African American Literature (WE)
3. HIS-347 African American History (WE)
4. One of the following:
   HIS-145 History of the United States to 1865
   HIS-155 History of the United States Since 1865
   HIS-227 The American Civil War
5. Two additional courses from either list 5a or, when appropriate, 5b as listed above for the major

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Transfer Pathways: Art History

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
ART 203 **&** ART 204	Art History I Art History II	ARH-128	Introduction to Art History
ART 190	History of Photography	ART 190	ARH 191 Topics in Art History

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

proficiency through a public exhibition of artwork, including portfolio of slides, exhibit announcement, and résumé.

NOTE: *Scheduling may be planned to allow at least one term of study off-campus at one of the approved foreign or domestic programs. With departmental approval, courses from these programs may count as 100 or 200 level courses.*

Art Minor

A grade of "C" (2.0) or higher must be earned in all courses counted toward a minor in art.

1. ARH-128 Introduction to Art History
2. Two 100-level ART- courses
3. One 200-level ART- course
4. One additional 100-level ART- course or 200-level ART- course. With consent of department chair, courses listed under #6 above may count toward this requirement.
5. One 200-level ARH- course

Further information for all these requirements and programs is available from the art and art history department.

Art History
Art History Major

A grade of "C" (2.0) or higher must be earned in all courses counted toward a major in art history.

An Art History major may also complete an Art minor, but only two courses may count toward both the major and the minor.

1. ARH-128 Introduction to Art History
2. Four additional courses approved by the department, chosen from the following:
   Courses in Art History (ARH-___)
   ANT-125 Art and Archaeology of the Classical World
   HIS-318 Topics in History: DWP (WE)
3. One of the following
   ARH-307 Modern and Contemporary Art (WE)
   ARH-310 Contemporary Art, Theory and Criticism (WE)
4. All of the following:
   ARH-311 Focus Course: Research in Art History and Visual Culture (0.25 course credit)
   ARH-313 Focus Course: Contemporary Issues in Art History and Visual Culture (0.25 course credit)
   ARH-321 Focus Course: Theory and Practice in Art History and Visual Culture (0.25 course credit)
   ARH-323 Focus Course: Curatorial Conversations (0.25 course credit)

   The Focus Course requirement is considered a coherent set of experiences that can be tailored to student needs. The completion of four Focus Courses is considered as a single course credit with respect to Graduation Requirements (see *Catalog*, p. **Error! Bookmark not defined.**).
5. One 100- or 200-level ART-course
6. Junior Review

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Transfer Pathways: Art

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
ART-203 **&** ART-204	Art History I **&** Art History II	ARH-128	Introduction to Art History
Two of the courses below (ART 100-level)			
ART-184, ART-186, ART-225. ART-143. ART-143, ART-173, ART-133, ART-195		Principles of Photography, Principles of Digital Photograpy, Photoshop for Photography, Painting, Ceramics, Drawing Lab, Design: Exploring Art Media	
Two additional courses below (ART 200-level)			
ART-136, ART-174, ART-176		Life Drawing, Ceramics II, Tilemaking	

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.



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Art and Art History

Rogers (Chair), Goodson, Knight-Lueth, Thompson.

A major in art or art history is designed to provide a foundation in theory and practice. Students focus on making and meaning, and gain an understanding of visual and contextual history and analysis. In studying the formal, technical and conceptual aspects of art and art history, students learn to communicate effectively to broad and diverse audiences.

An art major may also complete an art history minor, but only two courses may count toward both the major and the minor.

Art Major

A grade of "C" (2.0) or higher must be earned in all courses counted toward a major in art.

1. ARH-128 Introduction to Art History
2. Two 100-level ART- courses
3. Two 200-level ART- courses (A maximum of one credit earned through partial-credit WKS- workshops offered by the art and art history department may count toward this requirement. See WKS, p. **Error! Bookmark not defined.**)
4. One additional 200-level Art History course
5. One of the following:
   ARH-307 Modern and Contemporary Art (WE)
   ARH-310 Contemporary Art, Theory and Criticism (WE)
6. Four of the following:
   ART-301 Focus Course: Creative Process (0.25 course credit)
   ART-302 Focus Course: Portfolio Development (0.25 course credit)
   ART-303 Focus Course: Contemporary Artistic Practice (0.25 course credit)
   ART-311 Focus Course: Artist Statements/Talks (0.25 course credit)
   ART-312 Focus Course: Artist Websites (0.25 course credit)
   ART-313 Focus Course: Critique (0.25 course credit)
   ART-391 Focus Course: Topics in Studio Art (0.25 course credit)

The Focus Course requirement is considered a coherent set of experiences that can be tailored to student needs. The completion of four Focus Courses is considered as a single course credit with respect to Graduation Requirements (see *Catalog*, p. **Error! Bookmark not defined.**).

7. Junior Review
   This requirement must be completed no later than the second term of the junior year and is assessed by the art and art history faculty. The material submitted at the Junior Review will be related to the senior graduation requirement, which is a demonstration of proficiency through a public exhibition of artwork, with accompanying publicity materials, website and resume. A Junior Review may be attempted only twice.
8. ART-464 Senior Seminar I
9. ART-474 Senior Seminar II & Senior Exhibition

In addition to the course requirements, a student must participate in a Junior Review with the art and art history department's faculty. This must be completed no later than April of the junior year. The material submitted at the Review will be related to the senior graduation requirement, which is a demonstration of

This requirement must be completed no later than the second term of the junior year and is assessed by the art and art history faculty. The material submitted at the Junior Review will be related to the senior graduation requirement, which is a demonstration of proficiency through a major research project. A Junior Review may be attempted only twice.

7. ARH-464 Senior Seminar I (WE)
8. ARH-474 Senior Seminar II & Senior Project (WE)

NOTE: *Scheduling may be planned to allow at least one term of study off-campus at one of the approved foreign or domestic programs. With departmental approval, up to three courses from these programs may count toward the four additional courses required in item 2 above.*

Students interested in art history or visual culture at the graduate level should complete Intermediate French I (FRE-215).

Art History Minor

A grade of "C" (2.0) or higher must be earned in all courses counted toward a minor in art history.

1. ARH-128 Introduction to Art History
2. Three additional art history courses, one of which must be numbered 200 or above.
3. One of the following
   ARH-307 Modern and Contemporary Art (WE)
   ARH-310 Contemporary Art, Theory and Criticism (WE)
4. One 100- or 200-level ART-course

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Transfer Pathways: Bachelor of Arts: Music

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
MUS 106	Music Theory I	MU-109	Theory of Music I
MUS 107	Music Theory II	MU-209	Theory of Music II
MUS 329	~~Medieval-Renaissance History and Theory~~	MU-255	Music History and Literature I (WE)
MUS 205	Jazz History and Appreciation	MU-157	Introduction to Jazz History
MUS 204	History of Rock and Roll	MU-166/-284	Topics in Music
BUS 102 **and** BUS 148 **or** MGT-101	Introduction to Business **and** Small Business Management **or** Principles of Management	BUS-250	Principles of Management
BUS 138	Small Business Marketing	BUS-330	Principles of Marketing (WE)
DRA 130	Acting I	THE-150	Acting I
DRA 148	Voice and Movement	THE-170 **or** THE-160	Voice and Diction **or** Movement for the Stage
DRA 199	Musical Theatre Dance	DAN-___	Three 7-week dance courses
PSY 111	Introduction to Psychology	PSY-100	Introduction to Psychology
BIO 156 **and** BIO 168 **or** BIO-164	Human Biology **and** Anatomy and Physiology I **or** Essentials of Anatomy/Physiology	BIO-103	Anatomy and Physiology
BIO 295	General Ecology and Lab	BIO-155/155L	Organismal and Ecological Biology and Lab
EDU 245	Exceptional Learner	EDU-117	Exceptional Learner
PSY 281	Educational Psychology	EDU-195	Educational Psychology and Development
PSY 241	Abnormal Psychology	PSY-235	Abnormal Psychology
DRA 223 **or** DRA 224	Performing Musical Theatre **or** Musical Theatre Auditions	THE-270	Musical Theatre Acting

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Academic Practicum: Transfer students are required to fulfill this requirement.

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BACHELOR OF ARTS: MUSIC MAJOR

Candidates for the **BACHELOR OF ARTS** degree with a major in music must successfully complete:

1. MU-109 Theory of Music I / MU-109L Aural Skills I
2. MU-209 Theory of Music II / MU-209L Aural Skills II
3. MU-309 Theory of Music III / MU-309L Aural Skills III
4. MU-458 Music History and Literature III (WE)
5. Four terms of participation in the Applied Music Course with piano as the primary or secondary performing area. (See p. 4)
6. One of the following:
   MU-255 Music History and Literature I (WE)
   MU-355 Music History and Literature II (WE)
7. One of the following (if not used to satisfy #6):
   MU-140 Film Music
   MU-151 Record Label
   MU-157 Introduction to Jazz History
   MU-195 Electronic Music
   MU-255 Music History and Literature I (WE)
   MU-261 Production Techniques
   MU-270 Musical Theatre Acting
   MU-166/-284 Topics in Music
   MU-285 Conducting I
   MU-355 Music History and Literature II (WE)
   MU-409 Theory of Music IV
   MUA-133V Vocal Literature
   MUA-134V Vocal Diction and Pedagogy
8. the Senior Assessment Examination in the final term prior to graduation

Jazz Emphasis

Students completing a **BACHELOR OF ARTS** degree may choose to supplement their music major with an Emphasis in Jazz. Concurrent completion of a major in music is required. A minimum of 6.1 course credits must be taken that do not count toward a major in music.

1. MU-157 Introduction to Jazz History
2. MU-409 Theory of Music IV / MU-409L Aural Skills IV
3. Five terms of MUA-102 Jazz and Improvisation Lab (0.1 cc)
4. Seven terms of MUA-101 Jazz Ensemble (0.2 cc)
5. Two terms of MUA-102K Piano: Arranging (0.3 cc)
6. Two terms of MUA-103K Piano: Jazz (0.3 cc)
7. AAM-107 Introduction to African American Studies

Music Industry Emphasis

Students completing a **BACHELOR OF ARTS** degree may choose to supplement their music major with an Emphasis in Music Industry. Concurrent completion of a major in music is required. A minimum of 6.5 course credits must be taken that do not count toward a major in music.

1. MU-195 Music Production
2. MU-202 Arts Administration
3. One of the following:

PR-205 Public Relations (WE)
RHE-265 Professional Writing (WE)

4. One additional course credit in practical musical theatre chosen from a combination of the following:
   BUS-250 Principles of Management
   BUS-330 Principles of Marketing (WE)
5. Three terms of MU-151 Record Label (0.5cc)
6. Two terms of MU-251 Record Label Seminar (0.5cc)

Musical Theatre Emphasis

Students completing a **BACHELOR OF ARTS** degree may choose to supplement their music major with an Emphasis in Musical Theatre. Concurrent completion of a major in music with voice as the primary instrument is required. A minimum of 6.4 course credits must be taken that do not count toward a major in music.

1. THE-150 Acting I
2. THE-170 Voice and Diction
3. THE-270 Musical Theatre Acting
4. Two terms of MUA-202V Voice (0.6 cc) with musical theatre repertoire (may not be used to satisfy the requirement of #1)
5. One additional course credit in practical musical theatre chosen from a combination of the following:
   MUA-130V Musical Theatre Practicum (0.5 cc)
   MUA-131V Opera Workshop (0.2 cc)
   A musical theatre internship approved by the music or theatre arts department
6. Six seven-week dance courses (DAN-101 through DAN-142) (0.2 cc)

Pre-Music Therapy Emphasis

Students completing a **BACHELOR OF ARTS** degree may choose to supplement their music major with an Emphasis in Pre-Music Therapy. Concurrent completion of a major in music is required.

The Bachelor of Arts in Music, Pre-Music Therapy Emphasis, is designed to prepare students to apply to a Music Therapy certification program. It is not a free-standing major, and it does not include music therapy courses. Rather, the courses listed below are intended to better prepare Bachelor of Arts in Music students for future study in Music Therapy at an academic program approved by the American Music Therapy Association. Students must complete all requirements for a Bachelor of Arts in Music, in addition to the courses listed below. These include 5 non-music course credits and 2 additional music course credits for a minimum total of 7 course credits that must be taken that do not count toward a major in music. Courses taken to satisfy requirements in the Bachelor of Arts in Music may NOT also be used to satisfy the requirements of the Pre-Music Therapy Emphasis below, but all courses MAY be used towards general education requirements.

1. PSY-100 Introductory Psychology
2. BIO-103 Anatomy and Physiology
3. BIO-155 Organismal and Ecological Biology & BIO-155L Organismal and Ecological Biology Laboratory (WE) (concurrent with BIO-155)
4. One of the following:

EDU-117 Exceptional Learners
EDU-187 Human Relations (WE)
EDU-195 Educational Psychology and Development
PSY-235 Abnormal Psychology
PSY-315 Learning and Behavior

5. One of the following:
   THE-100 Introduction to Theatre
   THE-150 Acting I
   THE-160 Movement for the Stage
   THE-170 Voice and Diction
   THE-270 Musical Theatre Acting
   EDU-112 Expressive Methods (.5 credit)
6. Two credits (or more) from the following:
   MU-195 Electronic Music
   MU 285 Conducting I
   MU 409 Theory of Music IV
   MUA-102K - Piano arranging (.3 each)
   Additional terms of ensemble participation, beyond those required for the Bachelor of Arts in Music:
   Concert Band (.3 each), Jazz Band (.2 each), Concert Choir (.3 each), Chorale (.2 each), Orchestra (.3 each), or Hand bells (.2 each)
   Additional terms of hour lessons, beyond those required for the Bachelor of Arts in Music, on your primary instrument (.6 each):
   MUA-104K Piano for the Music Teacher (0.3 cc)
   MUA-151S Guitar lessons (.3 cc)
   MUA-300A Alexander Technique (0.3 cc)

Strongly recommended:

- MU-255 Music History and Literature I (WE) or MU-355 Music History and Literature II (WE) (whichever is not taken to fulfill the BA in Music requirement)
- MU-285 Conducting I and MU-385 Conducting II
- Additional music performance courses (ensembles and lessons)
- Additional theatre, art, biology, business, education, psychology, sociology, and statistics courses
- Fulfill the academic practicum requirement with a music therapy-related internship

COE COLLEGE®

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Music Minor

The minor in music consists of six course credits. At least four of these credits must be MU courses. MUA credits (lessons and ensembles) must be taken as the Applied Music Course if they are to apply to the music minor. (See p. 4) Individual partial credit courses may not accumulate toward credit for a minor in music.

Departmental Notes

- Private music lessons are available for credit only. Declared music majors who have achieved junior status (see p. **Error! Bookmark not defined.**) and who perform in a major ensemble are not charged for lessons. Other Coe students are charged by term according to the total registered lesson credit (see p. 208). Students who have not attended three lessons by the end of the third week of classes are dropped from music lessons and may be reinstated only by petition. After the third week of lessons, students will be charged for the full term, even if they choose to drop.
- Attendance at the numerous musical events on campus throughout the year is an essential part of the student's musical training. Students taking lessons for 0.6 credit must attend a specific number of these events each term **and** the weekly Recital Hour. They must also perform in Recital Hour once each term, except for the first term of the first year of study.

APPLIED MUSIC

The Applied Music Course

Intensive studies in performance and repertoire through lessons, ensembles, pedagogy, and techniques. The applied music course requirements are:

1. An hour lesson each week, as specified in the *Coe College Music Department Faculty/Student Handbook* for each major, along with participation and attendance at the weekly Recital Hour and concerts as described above in *Departmental Notes.* (0.6 course credit)
2. Participation in one of the following ensembles, as assigned by audition: Concert Band, Concert Choir, Orchestra, Chorale.
3. Additional ensembles, lessons, or courses in pedagogy, techniques, and literature (0.1-0.6 course credit) that are required for any of the areas of study that lead to one of the music degrees. The *Coe College Music Department Faculty/Student Handbook* (see above) contains descriptions and additional information about these ensembles and courses. Prerequisite: an audition; consent of department chair.

APPLIED MUSIC CLASSES

Artist teachers in violin, viola, cello, string and electric bass, piano, piano accompanying*, harpsichord*, organ*, flute, oboe, clarinet, saxophone, bassoon, trumpet, horn, trombone, low brass, percussion, guitar, harp, composition*, and voice are available to all students who wish to study applied music.

*Prerequisite: proficiency in piano and consent of instructor.

Composition lessons and classes in keyboard, brass, woodwind, and string literature are also available. Credit for applied music study is granted after the student has satisfactorily passed an examination by a faculty committee (jury exam) at the close of each term. Two hours daily practice per weekly hour lesson are expected of all students taking applied music.

APPLIED BRASSES--LESSONS
MUA-101B Trumpet (0.3 cc)
MUA-202B Trumpet (0.6 cc)
MUA-303B Trumpet (Advanced Standing) (0.6 cc)
MUA-111B F Horn (0.3 cc)
MUA-212B F Horn (0.6 cc)
MUA-313B F Horn (Advanced Standing) (0.6 cc)
MUA-121B Trombone (0.3 cc)
MUA-222B Trombone (0.6 cc)
MUA-323B Trombone (Advanced Standing) (0.6 cc)
MUA-131B Low Brass (0.3 cc)
MUA-232B Low Brass (0.6 cc)
MUA-333B Low Brass (Advanced Standing) (0.6 cc)

APPLIED COMPOSITION-LESSONS
MUA-101C Composition (0.3 cc)
MUA-202C Composition (0.6 cc)
MUA-303C Composition (Advanced Standing) (0.6 cc)
MUA-413 Orchestration (0.6 cc)
MUA-423 Advanced Counterpoint (0.6 cc)

APPLIED KEYBOARD--LESSONS
MUA-100K Group Piano (0.3 cc)
MUA-101K Piano (0.3 cc)
MUA-102K Piano Arranging Lessons
MUA-103K Piano: Jazz
MUA-202K Piano (0.6 cc)
MUA-303K Piano (Advanced Standing) (0.6 cc)
MUA-304K Piano Accompanying (0.6 cc)
MUA-104K Piano for the Music Teacher (0.3 cc)
MUA-111K Organ (0.3 cc)
MUA-212K Organ (0.6 cc)
MUA-313K Organ (Advanced Standing) (0.6 cc)
MUA-121K Harpsichord (0.3 cc)
MUA-222K Harpsichord (0.6 cc)
MUA-323K Harpsichord (Advanced Standing) (0.6 cc)

APPLIED PERCUSSION--LESSONS
MUA-101P Percussion (0.3 cc)
MUA-202P Percussion (0.6 cc)
MUA-303P Percussion (Advanced Standing) (0.6 cc)

APPLIED STRINGS--LESSONS
MUA-101S Violin (0.3 cc)
MUA-202S Violin (0.6 cc)
MUA-303S Violin (Advanced Standing) (0.6 cc)
MUA-111S Viola (0.3 cc)
MUA-212S Viola (0.6 cc)
MUA-313S Viola (Advanced Standing) (0.6 cc)
MUA-121S Cello (0.3 cc)
MUA-222S Cello (0.6 cc)
MUA-323S Cello (Advanced Standing) (0.6 cc)

MUA-131S String Bass (0.3 cc)
MUA-232S String Bass (0.6 cc)
MUA-333S String Bass (Advanced Standing) (0.6 cc)
MUA-141S Harp (0.3 cc)
MUA-242S Harp (0.6 cc)
MUA-343S Harp (Advanced Standing) (0.6 cc)
MUA-151S Guitar (0.3 cc)
MUA-252S Guitar (0.6 cc)
MUA-353S Guitar (Advanced Standing) (0.6 cc)

APPLIED VOICE--LESSONS
(Offerings vary each term and include sight singing and/or Alexander Technique.)
MUA-101V Voice (0.3 cc)
MUA-110V Voice Sight Singing Lessons
MUA-211 Group Sight-Singing Lessons (0.2 cc)
MUA-202V Voice (0.6 cc)
MUA-303V Voice (Advanced Standing) (0.6 cc)
MUA-300A Alexander Technique (0.3 cc)

APPLIED WOODWINDS--LESSONS
MUA-101W Flute (0.3 cc)
MUA-202W Flute (0.6 cc)
MUA-303W Flute (Advanced Standing) (0.6 cc)
MUA-111W Oboe (0.3 cc)
MUA-212W Oboe (0.6 cc)
MUA-313W Oboe (Advanced Standing) (0.6 cc)
MUA-121W Clarinet (0.3 cc)
MUA-222W Clarinet (0.6 cc)
MUA-323W Clarinet (Advanced Standing) (0.6 cc)
MUA-131W Saxophone (0.3 cc)
MUA-232W Saxophone (0.6 cc)
MUA-333W Saxophone (Advanced Standing) (0.6 cc)
MUA-141W Bassoon (0.3 cc)
MUA-242W Bassoon (0.6 cc)
MUA-343W Bassoon (Advanced Standing) (0.6 cc)

APPLIED PEDAGOGY/ ENSEMBLE AND LITERATURE
MUA-133B Brass Ensemble and Literature
MUA-134B Brass Pedagogy
MUA-133K Keyboard Ensemble and Literature
MUA-134K Keyboard Pedagogy
MUA-133P Percussion Ensemble and Literature
MUA-134P Percussion Pedagogy
MUA-133S Strings Ensemble and Literature
MUA-134S Strings Pedagogy
MUA-133W Woodwind Ensemble and Literature
MUA-134W Woodwind Pedagogy
MUA-134V Vocal Diction and Pedagogy

APPLIED TECHNIQUES

MUA-143 Strings Techniques
MUA-153 Single Reed/Flute Techniques
MUA-163 Double Reed Techniques
MUA-173 High Brass Techniques
MUA-183 Low Brass Techniques
MUA-193 Percussion Techniques

COE COLLEGE

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Transfer Pathways: Bachelor of Music

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
MUS 106	Music Theory I	MU-109	Theory of Music I
MUS 107	Music Theory II	MU-209	Theory of Music II
MUS 329	Medieval-Renaissance History and Theory	MU-255	Music History and Literature I (WE)
EDU 245	Exceptional Learner	EDU-117	Exceptional Learner
PSY 281	Educational Psychology	EDU-195	Educational Psychology and Development
EDU 255	Technology in the Classroom	EDU 219	Educational Technology Lab
MUS 143	Concert Choir	MUA-104	Concert Choir

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

BACHELOR OF MUSIC

Candidates for the **BACHELOR OF MUSIC** degree must successfully complete:

1. Six theory and history courses with a grade of "C" (2.0) or higher:
   MU-109 Theory of Music I / MU-109L Aural Skills I
   MU-209 Theory of Music II / MU-209L Aural Skills II
   MU-309 Theory of Music III / MU-309L Aural Skills III
   MU-255 Music History and Literature I (WE)
   MU-355 Music History and Literature II (WE)
   MU-458 Music History and Literature III (WE)
2. MU-285 Conducting I
3. First-Year Experience requirements (see p. 17)
4. The writing emphasis requirement of the general education requirements for the B.A. degree (see p. 17)
5. The Keyboard Fundamentals Examination* by the end of the sophomore year. Exceptions must be approved by a majority vote of the music faculty. After successful completion of this examination, credits may be accumulated toward a secondary performance area in piano.
   **A description of this examination is given in the Coe College Music Department Faculty/Student Handbook at http://www.coe.edu/adademics/music/music_degreeplans.*
6. The Bachelor of Music Advanced Standing Assessment (BMASA), an audition evaluation whereby the music faculty assesses the suitability of a student for student teaching or for the presentation of a senior recital. Students performing at the approved level are permitted to register for lessons and classes at the Advanced Level, leading to student teaching or the presentation of a senior recital. Students who are not recommended for study at the Advanced Level are required to select a degree program other than the Bachelor of Music program, or to reapply in a later term.
7. The Senior Assessment Examination in the final term prior to graduation.
8. One of the four areas of study applicable towards the Bachelor of Music degree:

Composition

1. MU-195 Electronic Music
2. MU-409 Theory of Music IV / MU-409L Aural Skills IV
3. MUA-413 Orchestration
4. MUA-423 Advanced Counterpoint
5. Eight terms of participation in the Applied Music Course (see p. 154), which must include four terms each of MUA-202C and MUA-303C
6. One course each from the social sciences, natural sciences, and humanities. (New York Term may be used to satisfy the humanities requirements, but the two required language courses described below may not.)
7. Two courses in French in consecutive terms (may not be used to satisfy the humanities requirement of #6)
8. Two additional non-music courses
9. MUA-490 Senior Recital

Keyboard and Instrumental Performance

1. MU-409 Theory of Music IV / MU-409L Aural Skills IV
2. Four of the following:
   MU-140 Film Music
   MU-151 Record Label
   MU-157 Introduction to Jazz History
   MU-195 Electronic Music
   MU-261 Production Techniques
   MU-270 Musical Theatre Acting
   MU-166/-284 Topics in Music
   MU-385 Conducting II
   MU-444 Independent Study
   MUA-133V Vocal Literature
   MUA-134V Vocal Diction and Pedagogy
   MUA-413 Orchestration
   MUA-423 Advanced Counterpoint
   One course credit in MUA-courses beyond those required in the Applied Music Course. (See p. 153)
3. Eight terms of participation in the Applied Music Course. (See p. 153)
4. One course each from the social sciences, natural sciences, and humanities. (New York Term may be used to satisfy the humanities requirements.)
5. Two courses in French in consecutive terms (may not be used to satisfy the humanities requirement of #4)
6. MUA-490 Senior Recital

Vocal Performance

1. MUA-133V Vocal Literature

2. MUA-134V Vocal Diction and Pedagogy
3. MU-409 Theory of Music IV / MU-409L Aural Skills IV
4. Four of the following:

MU-140 Film Music	MU-166/-284 Topics in Music
MU-151 Record Label	MU-385 Conducting II
MU-157 Introduction to Jazz History	MU-444 Independent Study
MU-195 Electronic Music	MUA-133V Vocal Literature
MU-261 Production Techniques	MUA-413 Orchestration
MU-270 Musical Theatre Acting	MUA-423 Advanced Counterpoint

   One course credit in MUA-courses beyond those required in the Applied Music Course. (See p. 154)

5. Eight terms of participation in the Applied Music Course. (See p. 154)
6. One course each from the social sciences, natural sciences, and humanities. (New York Term may be used to satisfy the humanities requirements.)
7. Two courses in French in consecutive terms (may not be used to satisfy the humanities requirement of #6)
8. MUA-490 Senior Recital

Music Education (Vocal or Instrumental)

To complete the Vocal or Instrumental Music Education area of study in four years, a student must begin the sequence of courses during the first year. A student entering either area of study as a sophomore should anticipate spending a fifth year to complete all degree requirements.

In addition to the following requirements, according to state regulations, all teachers in Iowa "shall acquire a core of liberal arts knowledge including, but not limited to, mathematics, natural sciences, social sciences, and humanities." The Mathematics and Natural Science course requirements may be met through coursework at Coe, comparable courses from an accredited college, or a score of 4 or higher on AP examinations in mathematics or science. Social Science and Humanities core are met with the required EDU courses and MU Music History and Literature courses.

1. EDU-105 Educational Foundations (WE)
2. EDU-117 Exceptional Learners
3. EDU-187 Human Relations (WE)
4. EDU-195 Educational Psychology and Development
5. EDU 219 Educational Technology Lab (0.0 cc)
6. MU-205 Practicum in Music Education
7. MU-360 Elementary and General Music Methods (0.5 cc)
8. One of the following:
   MU-361 Choral Music Methods **and** MU-362 Instrumental Music Methods for the Choral Teacher (0.5 cc)
   MU-363 Instrumental Music Methods **and** MU-364 Choral Music Methods for the Instrumental Teacher (0.5 cc)
9. MU-385 Conducting II
10. MU-421 Student Teaching in the Elementary School
11. MU-422 Student Teaching in the Secondary School
12. Seven terms of participation in the Applied Music Course. (See p. 153)
13. Fulfillment of the general licensure grade point requirement (minimum 2.7 cumulative and in the major)

NOTE*: A recital is not required to complete the music education area of study but may be given with the approval of the studio instructor.*

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Transfer Pathways: Biology

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
BIO-112	General Biology I	BIO-145/-145L	Cellular and Molecular Biology and Laboratory
BIO-113	General Biology II	BIO-155/-155L	Organismal and Ecological Biology and Laboratory
BIO-135	Introduction to Botany	BIO-205/-205L	General Botany and Laboratory
CHM-165	General Chemistry I	CHM-121/-121L	General Chemistry I and Laboratory
CHM-175	General/Inorg Chemistry II	CHM-122/-122L	General Chemistry II and Laboratory
MAT-211	Calculus I	MTH-135	Calculus I
BIO-156	Human Biology w/lab	BIO-100/-100L	Human Biology and Laboratory
BIO-164	Essentials of Anatomy/Physiology	BIO-103/103L	Anatomy and Physiology and Laboratory
ENV115	Environmental Science	BIO-105	Introduction to Environmental Studies
BIO-225 **and** BIO-227	Marine Biology I **and** Marine Biology II	BIO-115	Marine Biology
BIO-104	Introductory Biology with Lab	BIO-120	Biology, Health & Society
BIO-186 **or** BIO732	Microbiology **or** Health Science Microbiology	BIO-195	Introduction to Microbiology
BIO733	Health Science Anatomy	BIO-215/-215L	Human Anatomy and Laboratory
BIO734	Health Science Physiology	BIO-225	Human Physiology
BIO168 **and** BIO173	Anatomy & Physiology I **and** Anatomy & Physiology II	BIO-215/-215L **and** BIO-225	Human Anatomy and Laboratory **and** Human Physiology

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

Biology

R. Christensen, Cozine (Co-Chair), Ellis, Keyes, Leonardo (Co-Chair), Leveille, Lo, Sanchini, Storer.

In addition to a major in biology, the college also offers collateral majors in **ENVIRONMENTAL SCIENCE** (see p. **Error! Bookmark not defined.**), **MOLECULAR BIOLOGY** (see p. **Error! Bookmark not defined.**), and **NEUROSCIENCE** (see p. **Error! Bookmark not defined.**). The biology program provides students with an early introduction to experimental design and use of instrumentation to investigate properties of cells and organisms. Opportunities to work one-on-one with faculty, in honors and independent study work or in research participation, is also available to students.

Biology Major

A major in biology requires a minimum cumulative 2.0 GPA over courses counted toward the major.

1. BIO-145/-145L Cellular and Molecular Biology and Laboratory (WE)
2. BIO-155/-155L Organismal and Ecological Biology and Laboratory (WE)
3. BIO-202 Topics in Evolution
4. BIO-205/-205L General Botany and Laboratory (WE)
5. BIO-235/-235L Genetics and Laboratory
6. One of the following:
   BIO-355/-355L Animal Physiology and Laboratory
   BIO-375/-375L Integrated Human Physiology and Laboratory
7. Three biology electives with the associated laboratories
8. CHM-121/-121L General Chemistry I and Laboratory
9. CHM-122/-122L General Chemistry II and Laboratory
10. One of the following:
    MTH-135 Calculus I (strongly recommended for students considering attending graduate school)
    STA-100 Statistical Foundations (7 weeks) **and** STA-110 Inferential Statistics (7 weeks)
    STA-100 Statistical Foundations (7 weeks) **and** STA-130 Experimental Design (7 weeks)
11. Attendance at research seminars in junior and senior years

Strongly recommended:

One of the following sequences:
PHY-165/-165L Basic Physics I & Laboratory and PHY-175/-175L Basic Physics II & Laboratory
PHY-185/-185L General Physics I & Laboratory and PHY-195/-195L General Physics II & Laboratory

With consent of the department chair, other chemistry or mathematics courses may be substituted.

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Transfer Pathways: Biochemistry

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
BIO 112	General Biology I	BIO-145/-145L	Cellular and Molecular Biology and Laboratory

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

BIOCHEMISTRY (COLLATERAL MAJOR)

Dean (Administrative Coordinator).

Collateral Major in Biochemistry

A major in biochemistry requires a minimum cumulative 2.0 GPA in all courses counted toward the major. Concurrent completion of a primary major in chemistry, including Calculus II and two General Physics courses is required. Students choosing a collateral major in biochemistry may not select a collateral major in molecular biology.

1. BIO-145/-145L Cellular and Molecular Biology and Laboratory (WE)
2. CHM-431/-431L Biochemistry (WE) and Laboratory
3. CHM-432/-432L Protein Biochemistry
4. Two of the following:
   BIO-325/-325L Microbiology (WE) and Laboratory
   BIO-345/-345L Techniques in Molecular Biology and Laboratory
   BIO-405 Current Topics in Molecular Biology
   BIO-435/-435L Cell Physiology and Laboratory

Genetics (BIO-235) and Laboratory (BIO-235L) and all of the courses under #4 are strongly encouraged, especially for those planning graduate study.

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Transfer Pathways: Business

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
ACC-131	Principles of Accounting I	ACC-171	Principles of Accounting I
ECN-120	Principles of Macroeconomics	ECO-175	Principles of Macroeconomics
MAT-157 **or** MAT-160 **or** MAT-162	Statistics **or** Statistical Business Applications **or** Principles of Business Statistics	BUS-190	Statistical Analysis
ACC-132	Principles of Accounting II	ACC-215	Principles of Accounting II
ECN-130	Principles of Microeconomics	ECO-215	Principles of Microeconomics
MGT-101	Principles of Management	BUS-250	Principles of Management

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.



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Business Administration and Economics

Baranowski, Carstens, Chen, J. Christensen, Crain, Eichhorn, Hall, Knudson, Kuennen (Chair), Melcher, Nguyen, Trout, Westberg.

The Stead Department of Business Administration and Economics offers majors in **ACCOUNTING**, **BUSINESS ADMINISTRATION, ECONOMICS, INTERNATIONAL BUSINESS,** and **INTERNATIONAL ECONOMICS**, and minors in economics and international economics. Students pursuing one or more of these are strongly encouraged to consult with departmental faculty to develop specific plans of study.

BUSINESS ADMINISTRATION

The study of business administration is designed to develop in its students a high degree of competence in the application of business theories and sound judgment to the solution of business operating problems. Graduates are able to contribute effectively to the activities of their organizations by applying business skills required to plan, analyze, and control company activities. Beyond enhancing the value of a firm, the graduate should have a firm knowledge from which to achieve professional growth in the workplace and/or graduate school. Students majoring in business administration have two options: the business administration major and the international business major (see p. **Error! Bookmark not defined.**). The business major is designed to prepare students in the core areas of business administration, with specific focus on management, finance, and marketing. Students are also provided the opportunity to specialize in a particular area through selection of elective courses. The international business major is designed to prepare students for specific challenges related to operating an organization in an international context.

Because of significant overlap in the business administration and the international business requirements, only one of the two majors may be elected by a student. See p. **Error! Bookmark not defined.** for the International Business major requirements.

Business Administration Major

A major in business administration requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

1. ACC-171 Principles of Accounting I
2. ECO-175 Principles of Macroeconomics
3. BUS-190 Statistical Analysis (WE)
4. ACC-215 Principles of Accounting II
5. ECO-215 Principles of Microeconomics
6. BUS-315 Business Law I
7. One of the following Management courses:
   BUS-250 Principles of Management
   BUS-300 Human Resource Management
   BUS-387 Advanced Topics in Human Resource Management
   BUS-470 Strategic Management (WE)
8. One of the following Marketing courses:
   BUS-330 Principles of Marketing (WE)
   BUS-460 Advertising (WE)
   BUS-465/ -466 Advanced Topics in Marketing

BUS-467 Consumer Behavior

9. One of the following Finance courses:
   ECO-225 Money and Banking
   BUS-350 Principles of Finance
   BUS-352 Corporate Finance
   BUS-495 Investment Analysis
   ECO-495 International Finance
10. Two additional business courses numbered 200 or above

Students planning to attend graduate school in business are strongly encouraged to take calculus, additional statistics courses, intermediate level macro/microeconomics, quantitative management courses, and strategic management. Students should also discuss their graduate school plans with a member of the department to determine other courses that may be expected for admission to specific graduate programs.

Concentrations in Business

Students completing a major in Business Administration may elect to also complete a concentration of courses within a specific discipline in the major. Courses taken to fulfill requirements in the business major may be used to also fulfill requirements in an area of concentration. Students may declare only one concentration.

Concentrations are offered in management, marketing, and sports management. To complete a concentration, a student must meet the following requirements:

1. Completion of a major in Business Administration
2. Completion of five additional courses in which a cumulative 2.0 GPA must be earned. At least three of the five courses must be completed at Coe.

Management Concentration in Business

1. BUS-275 Principles of Management
2. Four of the following:
   BUS-300 Human Resource Management
   BUS-375 Business Ethics (WE)
   BUS-387 Advanced Topics in HR Management
   BUS-395 Organizational Behavior
   BUS-446 International Business Management
   BUS-464 Seminar in Management (WE)
   BUS-454 Research in Business (when topic is appropriate to management concentration)
   BUS-470 Strategic Management (WE)

Marketing Concentration in Business

1. BUS-355 Marketing
2. Four of the following:
   BUS 280 Computer Applications: Business Websites **AND** BUS 281 Computer Applications: Social Media
   BUS-420 Sports Marketing and Communications

BUS-460 Advertising (WE)
BUS-461 Marketing Decision-Making and Analysis (WE)
BUS-465, 466 Advanced Topics in Marketing
BUS-470 Strategic Management (WE)
BUS-454 Research in Business (when topic is appropriate to marketing concentration)
PR-205 Public Relations (WE)

Sports Management Concentration in Business

1. SMT-100 Introduction to Sports Management
2. Four of the following:
   BUS-400 Legal Issues in Sports
   BUS-420 Sports Marketing and Communication
   BUS-454 Research in Business (when topic is appropriate to sports management concentration)
   ECO-125 Sports Analytics
   SMT-300 Sport/Recreation Event Management
   SMT-454 Seminar in Sports Management
   SMT-494 Internship in Sports Management

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Transfer Pathways: Chemistry

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
CHM-165	General Chemistry I	CHM-121/-121L	General Chemistry I & Laboratory
CHM-175	General/Inorg Chemistry II	CHM-122/-122L	General Chemistry II & Laboratory
CHM-263	Organic Chemistry I	CHM-221	Organic Chemistry I
MAT-217	Calculus II	MTH-145	Calculus II
PHY-213	Classical Physics I	PHY-185/185L	General Physics I & Laboratory
PHY-223	Classical Physics II	PHY-195/195L	General Physics II & Laboratory

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.



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CHEMISTRY

Dean, Noreuil, St. Clair, Singleton (Chair), Stead, Stoudt.

The chemistry department seeks to support Coe's mission by providing students with top-quality instruction and research opportunities. The department offers a major and minor in **CHEMISTRY** as well as collateral majors in **BIOCHEMISTRY** (see p. **Error! Bookmark not defined.**), **ENVIRONMENTAL SCIENCE** (see p. **Error! Bookmark not defined.**), and **NEUROSCIENCE** (see p. **Error! Bookmark not defined.**). Students considering a chemistry major may continue research in a graduate program, pursue a career in the health sciences or teach science at the secondary level.

Students who receive a grade of less than "C–" in a prerequisite course are expected to consult with the instructor of the subsequent course prior to continuing in the chemistry curriculum.

In addition to a major in **CHEMISTRY**, the chemistry department also offers an **AMERICAN CHEMICAL SOCIETY CERTIFIED CHEMISTRY MAJOR** (see p. 2). This major might be considered by students interested in chemistry as a career.

Chemistry Major

A major in chemistry requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

1. CHM-121/-121L General Chemistry I and Laboratory
2. CHM-122/-122L General Chemistry II and Laboratory
3. CHM-211/-211L Analytical Chemistry and Laboratory (WE)
4. CHM-221 Organic Chemistry I
5. CHM-341/-341L Physical Chemistry I (WE) and Laboratory
6. Three additional courses to be chosen from the list of advanced chemistry electives below:
   CHM-321 Organic Chemistry II
   CHM-322 Organic Laboratory
   CHM-411 Advanced Analytical Chemistry
   CHM-421 Advanced Organic Chemistry
   CHM-422 Synthesis Laboratory (WE)
   CHM-431/-431L Biochemistry (WE) and Laboratory
   CHM-432/-432L Protein Biochemistry and Laboratory
   CHM-441 Physical Chemistry II
   CHM-451/-451L Inorganic Chemistry and Laboratory (WE)
   CHM-442 Materials Physics and Chemistry
7. MTH-145 Calculus II
8. PHY-185/185L General Physics I & Laboratory
9. PHY-195/195L General Physics II & Laboratory
10. One of the following combinations:
    CHM-464 Seminar in Chemistry I **and** CHM-474 Seminar in Chemistry II
    OCC-365 Study and Research at Oak Ridge Laboratory **and** CHM-474 Seminar in Chemistry II

Recommended:
MTH-255 Calculus III

Chemistry Minor

1. CHM-121/-121L General Chemistry I & Laboratory

2. CHM-122/-122L General Chemistry II & Laboratory
3. Four chemistry electives numbered 200 or above

American Chemical Society Certified Chemistry Major

1. Completion of a major in chemistry, including Calculus II and two General Physics courses
2. All of the following:
   CHM-321 Organic Chemistry II
   CHM-322 Organic Laboratory
   CHM-422 Synthesis Laboratory (WE)
   CHM-431/-431L Biochemistry (WE) and Laboratory
   CHM-451/-451L Inorganic Chemistry and Laboratory (WE)
3. Two of the following:
   CHM-411 Advanced Analytical Chemistry
   CHM-421 Advanced Organic Chemistry
   CHM-432/-432L Protein Biochemistry and Laboratory
   CHM-441 Physical Chemistry II
   CHM-442 Materials Physics and Chemistry
4. One of the following:
   CHM-444 Independent Study
   CHM-454 Undergraduate Summer Research
   OCC-365 Study and Research at Oak Ridge Laboratory
   BUS-460 Advertising (WE)
   BUS-461 Marketing Decision-Making and Analysis (WE)
   BUS-465, 466 Advanced Topics in Marketing
   BUS-470 Strategic Management (WE)
   BUS-454 Research in Business (when topic is appropriate to marketing concentration)
   PR-205 Public Relations (WE)

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Transfer Pathways: Communication Studies

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
SPC-101	Fundamentals of Public Speaking	COM-125	Fundamentals of Oral Communication
SPC-120	Intercultural Communication	COM-236	Intercultural Communication
SPC-122	Interpersonal Communication	COM-237	Interpersonal Communication

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Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

COMMUNICATION STUDIES

Carr, Donofrio, Harmsen, Hodges (Chair), J. Nesmith.

The aim of the major in communication studies is to provide a background of theory and practice in oral and mediated communication. In their study of formal and informal oral, print and digital environments, students will learn to communicate ethically, responsibly and effectively for diverse audiences in multiple contexts.

Communication Studies Major

A major in communication studies requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

1. COM-125 Fundamentals of Public Speaking
2. COM-381 Research Methods in Communication Studies (WE)
3. RHE-200 Rhetorical Theory & Practice
4. One course in relational communication:
   COM-236 Intercultural Communication (WE)
   COM-237 Interpersonal Communication (WE)
   COM-337 Persuasion
   COM-435/-437 Special Topics in Relational Communication (WE)
5. One course in production:
   COM-241 Introduction to Multimedia Journalism (WE)
   COM-341 Digital Storytelling (WE)
   COM-445/-447 Special Topics in Production (WE)
   RHE-225 Journalism and Media Writing Workshop (WE)
6. One course in media studies:
   COM-151 Introduction to New Media Studies (WE)
   COM-157 Introduction to Media Analysis (WE)
   COM-357 Sex, Race, and Gender in the Media (WE)
   COM-455/-457 Special Topics in Media Studies (WE)
7. One course in public discourse:
   COM-161 Visual Rhetoric
   COM-361 Communication & Social Change
   COM-362 U.S. Public Address (WE)
   COM-465/-467 Special Topics in Public Discourse (WE)
8. A Communication Studies course numbered 400 or above (if not used to satisfy a requirement above), excluding COM-494 Internship in Journalism/Communication
9. Two additional Communication Studies courses



Communication Studies Minor

A minor in communication studies requires a minimum cumulative 2.0 GPA in all courses counted toward the minor.

1. COM-125 Fundamentals of Public Speaking
2. COM-381 Research Methods in Communication Studies (WE)
3. RHE-200 Rhetorical Theory and Practice
4. Two additional Communication Studies courses (any of the courses that count toward the Communication Studies major or any COM prefix courses)

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Transfer Pathways: Creative Writing

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
ENG 221	Creative Writing	CRW-125	Introduction to Creative Writing
LIT 101	Intro to Literature	ENG-101	Introduction to Literary Studies: The Art of Reading and Writing (WE)
ENG 235 **or** DRA 252	Playwriting and Screenwriting **or** Playwriting	CRW/THE-255	Playwriting Workshop 1
ENG 225	Creative Writing: Poetry	CRW-280	Poetry Workshop 1
ENG 230	Creative Writing: Fiction	CRW-290	Fiction Workshop 1

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General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

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CREATIVE WRITING

Aspengren, McQueen, Sodeman (Administrative Coordinator).

The creative writing program (within the English Department) offers instruction in writing fiction, poetry, playwriting, and screenwriting. Students who wish to develop skills in writing non-fiction prose – journalism, personal essays, etc. – should consider the writing major offered by the rhetoric department. Workshop students are required to submit a collection of finished work at the end of each course. Included in this collection is reflective discussion of the composition history of the finished work.

Creative Writing Major

A major in creative writing requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

1. CRW-125 Introduction to Creative Writing
2. ENG-101 Introduction to Literary Studies: The Art of Reading and Writing (WE)
3. Two of the following:
   CRW/THE-255 Playwriting Workshop 1
   CRW-280 Poetry Workshop 1 (WE)
   CRW-290 Fiction Workshop 1 (WE)
4. Two of the following:
   CRW/THE-355 Playwriting Workshop 2
   CRW-380 Poetry Workshop 2 (WE)
   CRW-390 Fiction Workshop 2 (WE)
   CRW/THE-455 Playwriting Workshop 3
   CRW-480 Poetry Workshop 3 (WE)
   CRW-484 Advanced Topics in Creative Writing
   CRW-490 Fiction Workshop 3
5. Two courses in English (ENG-___) one of which must be ENG-281 or above.
6. One of the following:
   One elective from Creative Writing (CRW-___)
   One elective from English (ENG-___)
   Two terms of CRW-112 Advanced Literary Magazine Editing
   RHE-255 The Essay (WE)
   RHE-257 Environmental Rhetoric
   RHE-377 Cultural Studies (WE)
7. CRW-492 Manuscript Workshop (WE)
8. Senior Reading: a public reading from the final manuscript completed in CRW-492.

Creative Writing Minor

1. CRW-125 Introduction to Creative Writing
2. Three of the following:
   CRW/THE-255 Playwriting Workshop 1
   CRW-280 Poetry Workshop 1 (WE)
   CRW-290 Fiction Workshop 1 (WE)
   CRW/THE-355 Playwriting Workshop 2
   CRW-380 Poetry Workshop 2 (WE)
   CRW-390 Fiction Workshop 2 (WE)

CRW/THE-455 Playwriting Workshop 3
CRW-480 Poetry Workshop 3 (WE)
CRW-484 Advanced Topics in Creative Writing
CRW-490 Fiction Workshop 3
CRW-492 Manuscript Workshop (WE)

3. One course in English (ENG-___)
4. One of the following:
   One elective from Creative Writing (CRW-___)
   One elective from English (ENG-___)
   Two terms of CRW-112 Advanced Literary Magazine Editing
   RHE-255 The Essay (WE)
   RHE-257 Environmental Rhetoric (WE)
   RHE-377 Cultural Studies (WE)

WORKSHOPS IN CREATIVE WRITING

Workshop students are required to submit a collection of finished work at the end of each course. Included in this collection is reflective discussion of the composition history of the finished work.

CRW-255 Playwriting Workshop 1 (WE)
CRW-280 Poetry Workshop 1 (WE)
CRW-290 Fiction Workshop 1 (WE)
CRW-355 Playwriting Workshop 2 (WE)
CRW-380 Poetry Workshop 2 (WE)
CRW-390 Fiction Workshop 2 (WE)
CRW-455 Playwriting Workshop 3 (WE)
CRW-480 Poetry Workshop 3 (WE)
CRW-490 Fiction Workshop 3 (WE)
CRW-492 Manuscript Workshop (WE)

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Transfer Pathways: Computer Science

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
CIS-161 **or** CIS-169 **or** CIS-171 **or** CIS-189	C++, C#, Java, Python	CS-125	Introduction to Programming
CSI-152	Data Structures	CS-135	Data Structures
MAT-211	Calculus I	MTH-135	Calculus I
CIS-588	Computer Organization	CS-220	Principles of Computer Systems
CIS-204, CIS-215, NET-201, NET-202	Intro to Website Development, Server-Side Web Programming, Web Concepts for Network Administrators, Programming for Network Administrators	CS-235	Net-Centric Programming (Still recommended that students take this course)
CIS-289, DAT-202	Python II, Data Science II	DS-230	Data-Centric Programming
CIS-154	Computational Structures	MTH-215	Foundations of Advanced Mathematics

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Academic Practicum: Transfer students are required to fulfill this requirement.



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COMPUTER SCIENCE

Hostetler, Hughes, Stobb.

Computer Science is the study of abstractions and algorithmic processes and how they can be applied to fulfill human information needs. The department of mathematical sciences offers a complete range of courses, with majors and minors available in COMPUTER SCIENCE, DATA SCIENCE and MATHEMATICS, as well as courses in statistics for additional breadth. The department adheres to its belief that the mathematical sciences and the habits of mind that they engender are components of a fine liberal arts education

Computer Science Major

A major in computer science requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

1. CS-125 Introduction to Programming, or commensurate programming experience
2. CS-135 Data Structures
3. MTH-135 Calculus I
4. CS-215 Analysis and Algorithms
5. CS-220 Principles of Computer Systems
6. One of the following:
   CS-235 Net-Centric Programming
   DS-230 Data-Centric Programming
7. CS- 245 Object Oriented Software Development
8. MTH-215 Foundations of Advanced Mathematics (WE)
9. One Software Development course:
   CS-390 Software Engineering (WE)
   CS-452 Interactive Systems Design
   CS-490 Mobile Computing
10. One Systems course:
    CS-320 Operating Systems
    CS-340 Programming Languages
11. One additional Computer Science or Data Science course numbered 300 or higher

Computer Science Minor

1. CS-125 Introduction to Programming
2. CS-135 Data Structures
3. CS-215 Analysis and Algorithms
4. CS-245 Object Oriented Software Development
5. One of the following:
   CS-235 Net-Centric Programming
   DS-230 Data-Centric Programming
6. One additional Computer Science or Data Science course numbered 300 or higher

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Transfer Pathways: Economics

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
ECN-120	Principles of Macroeconomics	ECO-175	Principles of Macroeconomics
ECN-130	Principles of Microeconomics	ECO-215	Principles of Microeconomics

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Academic Practicum: Transfer students are required to fulfill this requirement.



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ECONOMICS

Economics is a social science concerning the study of how economic agents make choices in the face of scarcity. Economists study a broad variety of topics ranging from the theory of the consumer to economic growth and the wealth of nations. Students majoring in economics have two options: the economics major and the international economics major (see p. **Error! Bookmark not defined.**). The economics major is designed to permit a broad enough selection of courses for students to develop a general competence in economics, and to prepare students for graduate work in economics or other disciplines, such as law or business. The international economics major is designed to allow students who are interested in international studies to explore issues of development, growth, and international finance, using the tools of economic analysis.

Because of significant overlap in the economics and the international economics requirements, only one of the two majors may be elected by a student. Students majoring in economics or international economics may not minor in either economics or international economics. See p. **Error! Bookmark not defined.** for the International Economics major and minor requirements.

Economics Major

A major in economics requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

1. ECO-175 Principles of Macroeconomics
2. ECO-215 Principles of Microeconomics
3. ECO-315 Intermediate Macroeconomic Theory
4. ECO-345 Intermediate Microeconomics
5. ECO-375 Econometrics (WE)
6. One of the following Microeconomics Field courses:
   ECO-237 Labor Economics
   ECO-247 Health Economics
   ECO-446 International Economics
   ECO-447 Urban Economics
7. One of the following Macroeconomics Field courses:
   ECO-225 Money and Banking
   ECO-336 Divergent Economic Growth
   ECO-422 Macroeconomics Policy
   ECO-495 International Finance
8. One of the following Quantitative or History courses:
   Quantitative courses:
   ECO-435 Time Series Analysis
   ECO-445 Econometrics II (WE)
   ECO-485 Mathematical Economics
   History courses:
   ECO-395 History of Economic Thought (WE)
   ECO-424 Political Economy (WE)
   ECO-457 U.S. Economic History
9. One of the following Seminars:
   ECO-436 Economic Development

ECO-401 Seminar in Macroeconomics
ECO-402 Seminar in Microeconomics

10. Two additional economics courses numbered 200 or higher, with at least one of the two courses numbered 300 or higher

NOTE: Students intending to pursue a graduate degree in economics are strongly encouraged to complete the following:

MTH-135 Calculus I
MTH-145 Calculus II
MTH-255 Calculus III
MTH-265 Linear Algebra
ECO-435 Time Series Analysis
ECO-444 Independent Study
ECO-454 Research in Economics
ECO-485 Mathematical Economics

Economics Minor

1. ECO-175 Principles of Macroeconomics
2. ECO-215 Principles of Microeconomics
3. One of the following Microeconomics courses:
   ECO-237 Labor Economics
   ECO-247 Health Economics
   ECO-345 Intermediate Microeconomics

   ECO-446 International Economics
   ECO-447 Urban Economics
4. One of the following Macroeconomics courses:
   ECO-225 Money and Banking
   ECO-315 Intermediate Macroeconomic Theory
   ECO-336 Divergent Economic Growth
   ECO-422 Macroeconomics Policy
   ECO-495 International Finance
5. One of the following:
   ECO-395 History of Economic Thought (WE)
   ECO-424 Political Economy (WE)
   ECO-435 Time Series Analysis
   ECO-436 Economic Development
   ECO-445 Econometrics II (WE)
   ECO-457 U.S. Economic History
   ECO-485 Mathematical Economics
6. One of the following:
   BUS-340 Applied Regression Analysis
   An economics course numbered 200 or above

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Transfer Pathways: Elementary Education

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
EDU 245	Exceptional Learner	EDU-117	Exceptional Learners
PSY 281	Educational Psychology	EDU-195	Educational Psychology and Development
EDU 255	Technology in the Classroom	EDU-219	Educational Technology Lab
MAT 114 **and** MAT 116	Math for the Elementary Teacher I **and** Math for the Elementary Teacher II	EDU-275	Mathematics Comprehension for Teaching
PEH 102	Health	KIN-112	Health Education for the Elementary Teacher

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

EDUCATION

Dabroski, Hanson, Hayes, Haynes-Moore, Johnson, Keeley, Kress (Chair), Lankema, Neilly, Neumann, Russell, Wolfe, Zrudsky.

Music: Carson, Shanley; Physical Education: Rydze.

Coe College believes that the most effective preparation for teaching is one that combines a liberal arts education with courses in the theory and practice of teaching. The education department has the responsibility for coordinating the efforts of the College to provide such a program.

Basic college requirements and those for a major area give students a well-rounded general education. Professional courses in education provide a foundation in principles and practices of teaching. Students gain practical experience in applying professional and general education through field experiences and, if pursuing licensure, through student teaching in area schools.

Students who successfully complete Coe's Education Program and student teaching are eligible to apply for an Iowa Initial Teacher License. Teaching licensure is governed by State of Iowa regulations. When changes in licensure requirements occur at the state level, they take precedence over College policies. For the most current policy information, students should consult the *Guide to Teacher Education,* available from the Education Office, Stuart Hall 409A, and online. The Education Office maintains records regarding Iowa licensure requirements. Students should consult a faculty member in the education department to arrange their respective courses of study.

The Education Program at Coe College is approved by the Iowa Department of Education. Copies of the annual report filed with the Iowa Department of Education are available on request.

Admission to the Education Program

The education department offers a major in **ELEMENTARY EDUCATION,** a minor in **SECONDARY EDUCATION,** and courses leading to three types of teacher licensure: K-6 classroom (elementary education); 5–12 content area (secondary education) and K-12 "specials" content area (art, music, physical education). The department also offers a non-licensure elementary education option for students who wish to work with children in settings that do not require licensure. The requirements for these programs are detailed below. Students pursuing any of these options, including the non-licensure option, must be admitted to the Education Program before being allowed to enroll in practicum and methods courses. Admission to Coe College does not guarantee admission to the Education Program. Relevant information related to applying to the Education Program is found in the *Guide to Teacher Education.*

Students must be admitted to the Education Program before they register for Practicum in Education (EDU-215) which should be taken in the sophomore or junior year. State of Iowa licensure requirements specify that a minimum of 70 hours of field experience be completed after admission to the Education Program and prior to student teaching. Students who wish to continue in the Education Program are encouraged to complete their application for admission to the program after taking Educational Foundations (EDU-205) and one other core education course and successfully completing the CBASE test. Application forms, available from the Education Office, should be: 1) submitted by the student to the student's advisor; 2) approved and signed by the advisor; 3) approved and signed by the chair of the department in which the student is majoring; and 4) forwarded to the secretary of the education department.

The Education Committee has responsibility for review of the Education Program, including admission of students into the program. In reviewing applications for admission to the program, the committee considers the following:

1. GPA (a minimum of 2.7 is required in education core courses, courses in the major and overall)
2. A grade of "C" (2.0) or higher must be earned in all courses counted toward a major or minor in education and in courses with which students are earning a secondary education endorsement.
3. Performance in education courses taken (determined, in part, by ratings on Teaching Dispositions form)
4. The essay completed on the application form
5. Satisfactory completion of basic skills testing as required by the Iowa Department of Education. (Consult the Education Office for information on the test currently in use and minimum passing scores. Test administration fees are the responsibility of the student.)
6. Other relevant information as provided by the chair and faculty of the education department and comments from faculty in classes the student is enrolled in or has recently taken.

Following consideration and action by the Education Committee, the student is notified in writing regarding the committee's decision. Appeals may be made to the committee in writing. The committee evaluates such appeals on an individual basis, using its best judgment of the student's suitability to enter the teaching profession. The process for further appeals is detailed in the *Guide to Teacher Education.*

Admission of Graduates of Other Institutions to the Education Program

Subject to review by the Education Committee, Coe may admit to the Education Program a student with a bachelor's degree from another institution approved by a regional accrediting association. In most cases the committee will require completion of four courses at Coe, with at least a 2.7 GPA prior to student teaching. Such an applicant seeking elementary or secondary licensure, who received the highest degree more than 10 years prior to application to the Education Program at Coe, must complete two additional courses at Coe in the major area, with a grade of "C" (2.0) or higher, in addition to the required professional education courses.

Elementary Education/Non-Licensure

The majority of students who major in elementary education intend to become licensed K–6 classroom teachers and complete one term of full-time student teaching after completing the major requirements. Occasionally, however, a student may wish to work with young children in settings other than those for which certification is required. Such students may complete all of the required course work for the elementary education major without student teaching and are advised on supplementary course work to support their goals.

Requirements for Students Pursuing Teaching Licenses

To be recommended for licensure in any of the categories listed below, a student must have a baccalaureate degree, a cumulative GPA of at least 2.7, and at least a 2.7 GPA in each teaching field. The department can refuse to recommend for licensure a student who has been found to have violated the College's Academic Integrity Policy. Further requirements for specific types of licensure are listed in the next paragraph.

Licensure in Art, Music and Physical Education

Preparation for teaching at the elementary (K–8) and secondary (5–12) levels in the special subject areas of

art, music, and physical education includes basic licensure requirements, plus special work in the fields of interest.

Requirements:

1. Students licensed in art, music, or physical education must have at least a 2.7 GPA in the courses in their specialty. All candidates for licensure must be recommended by the appropriate department.
2. Students who qualify for licensure in art or physical education (to teach at the elementary and secondary levels, K–12) must meet the general licensure grade point requirements and earn at least a 2.7 GPA in the following:
   EDU-105 Educational Foundations (WE)
   EDU-117 Exceptional Learners
   EDU-187 Human Relations (WE)
   EDU-195 Educational Psychology and Development
   EDU-215 Practicum in Education (WE)
3. To be recommended by Coe College for K–8 and 5–12 licensure in Music, a student must meet the requirements for the Bachelor of Music degree with a major in Music Education (see p. **Error! Bookmark not defined.**). Music Education students take Practicum in Music Education/Field Study (MU-205) in place of Practicum in Education (EDU-215).
4. Demonstrate content-area knowledge and pedagogical knowledge by successfully passing state-required Praxis II exams.
5. Regular attendance and participation at student teaching seminar.
6. Successful portfolio presentation at the conclusion of the student teaching experience.

SECONDARY LICENSURE

Those interested in teaching at the secondary level must major in one or more teaching fields, minor in education, and meet the state requirements for a 5–12 endorsement. Teaching field(s) must be in subjects ordinarily taught in the secondary schools and for which Coe has approval by the Iowa Department of Education.

5–12 endorsements include: American Government, American History, Art, Biology, Business, Chemistry, Coaching (see Kinesiology), Economics, English/Language Arts, French, Health, Journalism, Math, Music, Physical Education, Physics, Psychology, Science, Sociology, Spanish, Speech/Theater, World History.

Requirements:

1. Demonstrate content-area knowledge and pedagogical knowledge by successfully passing state-required Praxis II exams.
2. Regular attendance and participation at student teaching seminar.
3. Successful portfolio presentation at the conclusion of the student teaching experience.

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NOTE: *Not all Coe majors align perfectly with State of Iowa requirements for 5–12 endorsements. Students should check endorsement requirements on the education website, reference the Guide to Teacher Education, and consult with a member of the education faculty. Students seeking secondary licensure should also have an advisor in the Education department with whom they meet regularly (at least once per year) to ensure timely completion of all graduation, general education, and licensure requirements.*

ELEMENTARY LICENSURE

Requirements:

1. Completion of B.A. with a major in elementary education
2. Student Teaching (4 course credits):
   EDU-492 Student Teaching in the Primary Grades: Grades K–3 (WE)
   EDU-491 Student Teaching in the Upper Elementary Grades: Grades 3–6 (WE)

   Two course credits each of primary and upper elementary student teaching are required, except by consent of department chair.
3. A K–6 Iowa teaching license must be accompanied by at least one K-8 endorsement available at Coe. K–8 endorsements include: Art, English/Language Arts, French, Spanish, Health, History, Mathematics, Music, Physical Education, Reading, Science, Social Studies, Speech. Students should consult department members for assistance in adding these endorsements to their elementary teaching license.
4. Demonstrate content-area knowledge and pedagogical knowledge by successfully passing state-required Praxis II exams.
5. Regular attendance and participation at student teaching seminar.
6. Successful portfolio presentation at the conclusion of the student teaching experience.

ELEMENTARY EDUCATION/NON-LICENSURE

The majority of students who major in elementary education intend to become licensed K–6 classroom teachers and complete one term of full-time student teaching after completing the major requirements. Occasionally, however, a student may wish to work with young children in settings other than those for which certification is required. Such students may complete all of the required coursework for the elementary education major without student teaching and are advised on supplementary coursework to support their goals.

Conversion Policy

Students who have completed elementary licensure requirements may be eligible to also obtain secondary licensure. In converting to secondary licensure, all secondary education requirements must be met, with the exception that the added student teaching is reduced from four credits to two. Similarly, students who have completed secondary licensure requirements may convert to elementary licensure by completing the elementary education requirements, but with only one two-credit elementary student teaching experience.

Iowa Distribution Requirements for All Students Seeking Licensure

According to state regulations, all teachers (including PE, art, and music) in Iowa "shall acquire a core of liberal arts knowledge including, but not limited to, English composition, mathematics, natural sciences, social sciences, and humanities." For elementary education majors, these requirements are met by completing the State of Iowa Distribution requirement listed in the Elementary Education Major section below. While the state's distribution requirements are consistent with Coe's general education requirements, they are not

automatically met by these requirements. Education students should consult with their advisors to coordinate this mandate with the selection of courses for general education (see General Education, p. **Error! Bookmark not defined.**).

State of Iowa Distribution requirements for elementary education majors:

1. One mathematics course with a prefix of MTH or STA
2. One American History course (see History, p. **Error! Bookmark not defined.**)
3. One of the following:
   EDU-237 English Language Learners (WE)
   EDU-270 Literature K–12 (WE)

NOTE: *Not all Coe majors align perfectly with State of Iowa requirements for licensure. Students should check endorsement requirements on the education website, reference the Guide to Teacher Education, and consult with a member of the education faculty.*



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Elementary Education Major

The elementary school teacher functions as a generalist who must draw upon a broad knowledge base from multiple disciplines. In recognition of this, the elementary teacher licensure program at Coe College consists of two components: 1) broad, general liberal arts with a limited area of specialization; and 2) educational studies. This program of undergraduate preparation for elementary school teachers is intended to promote exploration and a balanced education drawn from a variety of fields.

Completion of a major in **elementary education** requires:

1. All of the following Liberal Arts Requirements (minimum 10.0 course credits):
   At least one course in each of the four fields of mathematics, natural sciences, social sciences, and humanities (see *State of Iowa Distribution Requirements*, p. 5).
2. A K–8 endorsement in Art, English/Language Arts, French, Spanish, Health, History, Mathematics, Music, Physical Education, Reading, Science, Social Studies, Speech.
3. A cumulative GPA of 2.7 or higher for the following professional education courses:
   EDU-105 Educational Foundations (WE)
   EDU-112 Expressive Methods (0.5 cc)
   EDU-117 Exceptional Learners
   EDU-187 Human Relations (WE)
   EDU-195 Educational Psychology and Development
   EDU-215 Practicum in Education (WE)
   EDU-219 Educational Technology Lab (WE) (0.0 cc)
   EDU-237 English Language Learners (WE) **OR** EDU-270 Literature K–12 (WE)
   EDU-275 Mathematics Comprehension for Teaching
   EDU-305 Methods of Elementary Science (WE)
   EDU-335 Methods of Elementary Mathematics (WE)
   EDU-345 Methods of Elementary Language Arts (WE)
   EDU-355 Methods of Elementary Reading (WE)
   EDU-365 Methods of Elementary Social Studies (WE)
   KIN-112 Health Education for the Elementary Teacher (0.5 cc)

NOTE: *As is true for all majors, elementary education students are responsible for completion of Coe's general education requirements. Careful program planning may enable either greater breadth within the liberal arts or a deeper concentration within a specialty discipline. Programs containing such additional concentration may require more than four years of study. Elementary education students may, but do not need to, complete a second major in a single discipline.*

Secondary Education Minor

1. All of the following Liberal Arts Requirements (minimum 10.0 course credits):
   At least one course in each of the four fields of mathematics, natural sciences, social sciences, and humanities (see *State of Iowa Distribution Requirements*, p. 5).
   Fulfillment of the general licensure grade point requirement (minimum 2.7 cumulative and in the major).
   A recommendation by the appropriate department in which licensure is sought.
   Completion of a major in one or more teaching fields. Teaching field(s) must be in subjects ordinarily

taught in the secondary schools and for which Coe has approval by the Iowa Department of Education. Approved teaching fields include American Government, American History, Art, Basic Science, Biology, Business, Chemistry, Economics, English/Language Arts, French, Health, Math, Music, Physical Education, Physics, Psychology, Sociology, Spanish, Speech/Theater, and World History.

2. A GPA of 2.7 or higher in the following professional education courses:
   EDU-105 Educational Foundations (WE)
   EDU-117 Exceptional Learners
   EDU-187 Human Relations (WE)
   EDU-195 Educational Psychology and Development
   EDU-215 Practicum in Education (WE)
   EDU-219 Educational Technology Lab (WE) (0.0 cc)
   One or more of the following Methods courses:
   ART-230 Art of Children and Adolescents
   EDU-310 Methods of Secondary Business Education (WE)
   EDU-311 Methods of Secondary Language Arts (WE)
   EDU-312 Methods of Secondary Social Studies (WE)
   EDU-313 Methods of Secondary Mathematics (WE)
   EDU-320 Methods of Secondary Science (WE)
   EDU-321 Methods of World Language K–12 (WE)
   KIN-415 Methods of Teaching Secondary School Physical Education and Health
   MU-361 Choral Music Methods **AND** MU-362 Instrumental Music Methods for the Choral Teacher (0.5 cc)
   MU-363 Instrumental Music Methods **AND** MU-364 Choral Music Methods for the Instrumental Teacher (0.5 cc)
3. Satisfactory completion of:
   EDU-481 Student Teaching in Art at the Secondary School (WE)
   EDU-482 Student Teaching in Physical Education at the Secondary School (WE)
   EDU-489 Student Teaching in the Senior High School (WE)
   EDU-490 Student Teaching in Middle School or Junior High School (WE)
   MU-422 Student Teaching in the Secondary School

Two course credits each of middle school/junior high and senior high student teaching are required or four course credits of either with consent of department chair.

4. Regular attendance and participation at student teaching seminar.
5. Successful portfolio presentation at the conclusion of the student teaching experience.

STUDENT TEACHING

Permission to student teach requires approval of the Teacher Education Committee. Applications are due by February 1 for student teaching the following Fall Term and by September 1 for student teaching the following Spring Term. Application forms are available from the Education Office.

When an application for permission to student teach is considered, the student's standing in the Education Program is reviewed. The committee considers:

1. Recommendations of cooperating teacher(s) during the student's field experience(s).

2. Recommendations of the student's major department(s).
3. A grade of "C" (2.0) or higher must be earned in all courses counted toward a major or minor in education and in courses with which students are earning a secondary education endorsement.
4. GPA (minimum of 2.7 required – cumulative, in the major and in all education courses).
5. Review by education department faculty.

Student teaching is the culminating experience of the Education Program. It involves observation and active participation in directing the learning experiences in a school classroom, under the supervision of a cooperating teacher and the college supervisor. A minimum of four course credits of student teaching is required. All student teachers should register for both upper and lower grade levels, except by consent of department chair. Student teaching in all subjects is available for one to four course credits for students earning both Elementary and Secondary licensure.

Normally, students complete two seven- to eight-week placements, with each placement worth two credits. Successful completion of the student teaching semester, including attendance at and participation in the student teaching seminar, earns four credits. Student teaching is a full-time obligation and must be completed in one term. Evaluated on a P/NP basis only.

EDU-481 Student Teaching in Art at the Secondary School (WE)
EDU-482 Student Teaching in Physical Education at the Secondary School (WE)
EDU-483 Student Teaching in Art at the Elementary School (WE)
EDU-485 Student Teaching in Physical Education at the Elementary School (WE)
EDU-489 Student Teaching in the Senior High School (WE)
EDU-490 Student Teaching in Middle School or Junior High School (WE)
EDU-491 Student Teaching in the Upper Elementary Grades: Grades 4–6 (WE)
EDU-492 Student Teaching in the Primary Grades: Grades K–3 (WE)
MU-421 Student Teaching in the Elementary School
MU-422 Student Teaching in the Secondary School

Ninth-Term/Fifth-Year Programs

Students who want to include more course work in their liberal arts and sciences curriculum in conjunction with completing requirements for elementary and/or secondary teacher licensure may apply for a Ninth-Term/Fifth-Year tuition reduction. Both options are open to all students who have been admitted to the Education Program and meet requirements for student teaching.

Students participating in the Ninth-Term/Fifth-Year Programs are eligible for a 60% discount on full-time tuition, if the following criteria are met: 1) the student must be in good standing with the college (not on academic probation); 2) the student must be registered as a full-time student; 3) the student must have completed 32 course credits, sixteen of which were taken at Coe; and 4). Students who have satisfactorily completed four years of full-time registration at Coe may also apply for this reduction. Students continue to be eligible to apply for student loans and any available federal and state government grants. This reduction can only be given for a maximum of two terms and applies only to regular full-time tuition charges for undergraduate campus-based programs. Applications for tuition reduction are available from the Education Office.

Exemptions from these requirements may be granted in unusual circumstances with the approval of the Provost and Dean of the Faculty and the education department chair. A written request for such consideration, detailing the circumstances and rationale, should be made to the education department chair.

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Transfer Pathways: English

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
LIT-101	Intro to Literature	ENG-101	Introduction to Literary Studies: The Art of Reading and Writing
LIT-111	American Lit Since Mid-1800s	ENG-291	Literatures in English after 1800
LIT-105 LIT-110 LIT-130 LIT-142 LIT-150 LIT-151 LIT-166 LIT-180 LIT-185 LIT-188 LIT-190 LIT-193 LIT-210 ENG-221 ENG-225 ENG-230 ENG-235	Children's Literature American Literature to Mid-1800s African American Literature Major British Writers World Literature I World Literature II Science Fiction Mythology Contemporary Literature Detective Fiction Women Writers Humor in Literature The Graphic Novel Creative Writing Creative Writing: Poetry Creative Writing: Fiction Playwriting and Screenwriting	Two courses from this list can count toward ENG requirement #6	

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.



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ENGLISH

Aspengren, Hausknecht, McQueen, Salesses, Shaw, Sodeman (Chair).

The study of English allows students to explore a wide range of literary and cultural productions from varied parts of the world. Our courses develop habits of mind that are fundamental to liberal education, including the ability to read critically, to think creatively, and to write clearly and with verve.
In consultation with their advisors, English majors are able to design personalized programs of study that attend to the historical and geographical range of literatures in English. Students considering graduate work in literature should consult with English faculty to plan a rigorous course of study that would typically include an honors thesis and coursework in a world language.

English Major

A major in English requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

1. ENG-101 Introduction to Literary Studies: The Art of Reading and Writing (WE)
2. ENG-281 Literatures in English to 1800 (WE)
3. ENG-291 Literatures in English after 1800 (WE)
4. ENG-301 The Art of Literary Research (WE)
5. Three English courses numbered 305 or above, one of which must be in British literature before 1800.
6. Two additional English course credits, one of which may be in Creative Writing or in French, or Spanish literature in translation (FRE-145, FRE-146, FRE-148, or SPA-148).
7. ENG-464-Seminar in Literature (WE) or ENG-467 Seminar in Literature: United States Pluralism (WE)

English Minor

The minor in English consists of five course credits, including Introduction to Literary Studies: The Art of Reading and Writing (ENG-101) and two English courses numbered 300 or above. One course in Creative Writing (CRW-) or in French, or Spanish literature in translation (FRE-145, FRE-146, FRE-148, or SPA-148) may count toward the five course credits.

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Transfer Pathways: Film Studies

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
MMS 480	Video Production I	ART-170	Video Art and Production
HUM 120	Introduction to Film	FLM-105	Introduction to Film
ART 184	Principles of Photography	ART-155	Photography: Light Writing
ENG 235	Playwriting & Screenwriting	CRW/THE-255	Playwriting Workshop 1
HUM 121 **or** LIT 209	America in the Movies **or** Literature Film Adaptation	FLM-250	Film Topics
DRA 162	Technical Theatre	THE-130	Technical Production 1
DRA 202	Design Principles	THE-140	Design for the Stage
DRA 130	Acting I	THE-150	Acting I
DRA 250	Directing	THE-290	Directing I

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.



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FILM STUDIES

Rogers (Administrative Coordinator).

The film studies major is an interdisciplinary major that allows a student to focus on the particular aspect of film studies that interests her or him most – for example, film writing, cinema studies, or digital production.

Film Studies Major

A major in film requires a minimum cumulative 2.0 GPA in all courses counted toward the major. A major in film studies requires ten courses taken from each of the three disciplines represented in the major.

1. ART-170 Video Art and Production
2. FLM-105 /FLM-105L Introduction to Film and Laboratory
3. FLM-200 /FLM-200L Film Analysis and Laboratory (WE)
4. FLM-225 / FLM-225L Film History and Laboratory (WE)
5. FLM-454 Senior Seminar in Film I (0.5 cc) and FLM-474 Senior Seminar in Film II (0.5 cc)
6. Five courses chosen from the following, in consultation with the Film Studies administrative coordinator. At least two of the courses must be completed at the 300 level or above, and no more than two courses may be selected with the same prefix.
   ART-145 Digital Art
   ART-155 Photography: Light Writing
   ART-203 SpaceTime
   COM- 151 Introduction to New Media Studies
   COM- 157 Introduction to Media Analysis
   COM- 161 Visual Rhetoric
   COM- 337 Persuasion
   COM- 357 Sex, Race and Gender in the Media
   COM- 341 Digital Storytelling
   CRW/THE-255 Playwriting Workshop 1
   CRW-350 Screenwriting (WE)
   FLM-250 Film Topics (WE)
   FLM-350 Advanced Topics in Film
   FLM-494 Internship in Film
   MU-140 Film Music
   MU-195 Electronic Music
   RHE- 137 Creative Non-Fiction and American Culture
   RHE- 146 Memoir and Culture
   RHE- 200 Rhetorical Theory and Practice
   RHE- 255 The Essay
   RHE- 257 Environmental Rhetoric
   THE-130 Technical Production 1
   THE-140 Design for the Stage
   THE-220 Lighting Design
   THE-290 Directing I (WE)

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Transfer Pathways: French

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
FLF-151	Elementary French I	FRE-115	Elementary French I
FLF-152	Elementary French II	FRE-125	Elementary French II
FLF-241 **AND** FLF-242	Intermediate French I **AND** Intermediate French II	FRE-235	Intermediate French

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

FRENCH & FRANCOPHONE STUDIES

Janca-Aji

The French & Francophone Studies program is an intercultural and interdisciplinary program featuring courses in language, cultural history, literature and cinema, translation and interpretation, and pre-professional studies. Students are strongly encouraged to pursue opportunities for immersive and experiential learning through study abroad, May Term courses, service learning, and community-based projects and to explore ways to incorporate French in and with other major(s).

French & Francophone Studies Major

A grade of "C" (2.0) or higher must be earned in all courses counted toward a major in French & Francophone Studies. Students complete eight credits of 300- to 400-level courses in French. FRE-315 Oral and Written Communication Skills (WE) is required. Up to three credits may be earned by successfully completing a study abroad program in France or a francophone country that is approved by the College and the department. Up to one credit may be earned from a list of approved courses taught in English. One credit from a course taught in French must be taken in the senior year. FRE-499 Exit Exam and Interview is required during the final term before graduation.

French & Francophone Studies Minor

A grade of "C" (2.0) or higher must be earned in all courses counted toward a minor in French & Francophone Studies. Students complete a minimum of four credits of 300- to 400-level courses in French. FRE-315 Oral and Written Communication Skills (WE) is required. Up to one credit may be earned from a list of approved courses taught in English. FRE-499 Exit Exam and Interview is required during the final term before graduation.

Interdisciplinary French & Francophone Studies Major

A grade of "C" (2.0) or higher must be earned in all courses counted toward a major in Interdisciplinary French & Francophone Studies. Students complete 1) four credits of courses taught in French at any level, including FRE-315 Oral and Written Communication Skills (WE), 2) a departmentally approved term-long study abroad experience in France or a Francophone country, and 3) four credits from courses, taught in either French or English, from the list of approved courses which include at least two different prefixes and demonstrate thematic coherence. Courses not on this list may count for credit with approval of the program coordinator. FRE-499 Exit Exam and Interview is required during the final term before graduation.

Interdisciplinary French & Francophone Studies Minor

A grade of "C" (2.0) or higher must be earned in all courses counted toward a minor in Interdisciplinary French & Francophone Studies. Students complete 1) four credits of courses taught in French at any level, including FRE-315 Oral and Written Communication Skills (WE), and 2) three credits from courses, taught in either French or English, from the list of approved courses which include at least two different prefixes and demonstrate thematic coherence. Courses not on this list may count for credit with approval of the program coordinator. FRE-499 Exit Exam and Interview is required during the final term before graduation.

COURSES TAUGHT IN ENGLISH THAN CAN BE USED FOR CREDIT IN FRENCH & FRANCOPHONE STUDIES

ARH-201 Art and Architecture of the Middle Ages
ARH-218 The World of Renaissance Art
ARH-231 19th-Century Art
ARH-307 Modern and Contemporary Art (WE)
COM-236 Intercultural Communication (WE)
ENG-146 Introduction to Postcolonial Literature (WE)
FRE-145, -146, -148 French & Francophone Literature in Translation
FRE-158 France and the Francophone World
HIS-238 Modern France (WE)
HIS-248 The French Revolution (WE)
HIS-272 History of Medieval Europe (WE)
HIS-288 Renaissance and Reformation (WE)
HIS-355 19th-Century Europe (WE)
HIS-365 20th-Century Europe (WE)
HIS-372 Early Modern Europe (WE)
PHL-230 Medieval Philosophy (WE)
PHL-240 Early Modern Philosophy (WE)
PHL-255 Existentialism (WE)
PHL-305 Contemporary Continental Philosophy (WE)
PHL-345 Philosophy of Language (WE)
POL-298 European Politics (WE)
REL-148 Islam (WE)
REL-178 Christianity

COE COLLEGE

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Transfer Pathways: General Science

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
CHM-165	General Chemistry I	CHM-121/ -121L	General Chemistry I and Laboratory
CHM-175	General/Inorganic Chemistry II	CHM-122/ -122L	General Chemistry II and Laboratory
CHM-263	Organic Chemistry I	CHM-221	Organic Chemistry I
BIO-225 & BIO-227	Marine Biology I & II	BIO-115	Marine Biology
BIO-112	General Biology I	BIO-145/ -145L	Cellular and Molecular Biology and Laboratory
BIO-113	General Biology II	BIO-155/ -155L	Organismal and Ecological Biology and Laboratory
BIO-135	Introduction to Botany	BIO-205/ -205L	General Botany and Laboratory
BIO-186	Microbiology	BIO-195	Introduction to Microbiology
BIO-168 **AND** BIO-173	Anatomy & Physiology I **AND** Anatomy & Physiology II	BIO-215/ -215L **AND** BIO-225	Human Anatomy and Laboratory **AND** Human Physiology
PHY-213	Classical Physics I	PHY-185/ -185L **or** PHY-165/-165L	General Physics I and Laboratory or Basic Physics I & Laboratory
PHY-223	Classical Physics II	PHY-195/ -195L **or** PHY-175/-175L	General Physics II & Laboratory **or** Basic Physics II & Laboratory
MAT-211	Calculus I	MTH-135	Calculus I
MAT-217	Calculus II	MTH-145	Calculus II
MAT-219	Calculus III	MTH-255	Calculus III

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Transfer Pathways: General Science

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

GENERAL SCIENCE

Singleton (Administrative Coordinator)

The General Science major is of particular value to students who desire pre-professional preparation in medicine and related fields, as well as those planning to teach in natural science areas at the secondary level. Pre-engineering students frequently use this concentration in 3-2 plans.

General Science Major

A major in general science requires a minimum cumulative 2.0 GPA in all courses counted toward the major. Students choosing a collateral major in the natural sciences or Neuroscience may not select the major in General Science.

Students earning more than one major in the natural sciences or a major and a minor in the natural sciences are not eligible for the General Science major.

A major in general science requires a minimum of thirteen course credits from the natural science areas of biology, chemistry, mathematics, and physics. At least seven of these 13 course credits must be above the introductory level and at least two course credits must be in biology.

1. Six course credits in one of the four natural science areas
2. Five course credits in a second natural science field (or mathematics through Linear Algebra (MTH-265))
3. Two course credits in a third natural science field

Satisfactory completion of comprehensive requirements in each of the major areas.

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Transfer Pathways: History

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
HIS-112	Western Civilization: Ancient to Early Modern	HIS-115	The History of Western Civilization to 1500
HIS-113	Western Civilization: Early Modern to the Present	HIS-125	The History of Western Civilization Since 1500
HIS-150	U.S. History to 1877	HIS-145	History of the United States to 1865
HIS-153	U.S. History Since 1877	HIS-155	History of the United States Since 1865
HIS-211	Modern Asian History	HIS-136	East Asian Civilization

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

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HISTORY

Arnold, Buckaloo, Keenan (Chair), Nordmann, Ziskowski.

The history department allows students the opportunity to study history broadly, while also focusing on specific interests. Students learn how to express themselves, both orally and in writing, and, in the liberal arts tradition, are taught to learn quickly, communicate clearly, and build a rewarding career and life in their chosen field.

History Major

A major in history requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

1. Four courses in one of these two combinations:
   HIS-115 History of Europe to 1500
   HIS-125 History of Europe Since 1500
   HIS-145 History of the United States to 1865 **or** HIS-155 History of the United States Since 1865
   One additional U.S. History course
   or
   HIS-145 History of the United States to 1865
   HIS-155 History of the United States Since 1865
   HIS-115 History of Europe to 1500 **or** HIS-125 History of Europe Since 1500
   One additional European History course
2. HIS-205 The Historian's Craft (WE)
3. One of the following:
   HIS-136 East Asian Civilization
   HIS-246 History of Modern China (WE)
   HIS-256 History of Modern Japan (WE)
4. One of the following:
   HIS-465 Seminar in Ancient History (WE)
   HIS-466 Seminar in Modern East Asian History (WE)
   HIS-472 Seminar in American History I (WE)
   HIS-473 Seminar in American History II (WE)
   HIS-474 Seminar in Modern European History (WE)
5. Three additional history courses

NOTE: *With departmental approval, successful completion of the ACM Newberry Seminar: Research in the Humanities Program off-campus study experience may be used to satisfy #4 above.*

History Minor

One of the following combinations:

HIS-115 History of Europe to 1500
HIS-125 History of Europe Since 1500
One course in United States history
One course in Asian history
Two additional history courses approved by the department
or
HIS-145 History of the United States to 1865
HIS-155 History of the United States Since 1865
One course in European history

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One course in Asian history
Two additional history courses approved by the department

COURSES IN HISTORY BY CONTENT AREA

ASIAN HISTORY

HIS-136 East Asian Civilization
HIS-216 History of Modern Korea (WE)
HIS-246 History of Modern China (WE)
HIS-256 History of Modern Japan (WE)
HIS-316 Topics in History: Non-Western Perspectives (WE)

EUROPEAN HISTORY

HIS-115 History of Europe to 1500
HIS-125 History of Europe Since 1500
HIS-238 Modern France (WE)
HIS-248 The French Revolution (WE)
HIS-272 History of Medieval Europe (WE)
HIS-275 Ancient Greek History (WE)
HIS-285 History of Ancient Rome (WE)
HIS-288 Renaissance and Reformation (WE)
HIS-292 History of Modern England (WE)
HIS-318 Topics in History: Diverse Western Perspectives (WE)
HIS-355 19th-Century Europe (WE)
HIS-365 20th-Century Europe (WE)
HIS-372 Early Modern Europe (WE)

U.S. HISTORY

HIS-145 History of the United States to 1865
HIS-155 History of the United States Since 1865
HIS-217 The American War in Vietnam (WE)
HIS-227 The American Civil War (WE)
HIS-257 Native American History (WE)
HIS-297 Women in America (WE)
HIS-317 Topics in History: United States Pluralism WE)
HIS-325 Recent American History I (WE)
HIS-335 Recent American History II (WE)
HIS-347 African American History (WE)
HIS-387 American Colonial History (WE)
HIS-395 United States Diplomatic History (WE)

METHODS AND RESEARCH

HIS-205 The Historian's Craft (WE)
HIS-465 Seminar in Ancient History (WE)
HIS-466 Seminar in Modern East Asian History (WE)
HIS-472 Seminar in American History I (WE)
HIS-473 Seminar in American History II (WE)
HIS-474 Seminar in Modern European History (WE)

OTHER HISTORY COURSES

HIS-208 The First World War (WE)
HIS-218 The Second World War (WE)
HIS-268 Latin America (WE)
HIS-278 History of the Holocaust (WE)
HIS-286 Modern Middle East (WE)
HIS-300 Public History (WE)
HIS-328 Sport and Spectacle in Ancient Greece and Rome (WE)
HIS-444 Independent Study (WE)
HIS-494 Internship in History

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Transfer Pathways: International Business

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
ACC-131	Principles of Accounting I	ACC-171	Principles of Accounting I
ECN-120	Principles of Macroeconomics	ECO-175	Principles of Macroeconomics
ECN-130	Principles of Microeconomics	ECO-215	Principles of Microeconomics
MAT-157 **or** MAT-160 **or** MAT-162	Statistics **or** Statistical Business Applications **or** Principles of Business Statistics	BUS-190	Statistical Analysis
MGT-101	Principles of Management	BUS-250	Principles of Management

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.



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INTERNATIONAL BUSINESS

Students majoring in business administration have two options: the **BUSINESS ADMINISTRATION** major (see p. **Error! Bookmark not defined.**) and the **INTERNATIONAL BUSINESS** major. The international business major is designed to prepare students for specific challenges related to operating an organization in an international context. Because of significant overlap in the business administration and the international business requirements, only one of the two majors may be elected by a student.

International Business Major

A major in international business requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

1. ACC-171 Principles of Accounting I
2. ECO-175 Principles of Macroeconomics
3. ECO-215 Principles of Microeconomics
4. BUS-190 Statistical Analysis (WE)
5. One of the following:
   BUS-250 Principles of Management
   BUS-300 Human Resource Management
6. BUS-315 Business Law I
7. BUS-446 International Business Management
8. One of the following:
   BUS-466 Advanced Topics Marketing: Non-Western Perspectives (WE)
   ECO-336 Divergent Economic Growth
   ECO-436 Economic Development
   ECO-446 International Economics
9. ECO-495 International Finance
10. Two courses in world language numbered 115 or above
11. One of the following:
    A semester abroad
    A May Term abroad
    A capstone project in international business, supervised by a member of the business faculty

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Transfer Pathways: International Economics

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
ECN-120	Principles of Macroeconomics	ECO-175	Principles of Macroeconomics
ECN-130	Principles of Microeconomics	ECO-215	Principles of Microeconomics
FLS-151	Elementary Spanish I	SPA-115	Elementary Spanish I
FLS-152	Elementary Spanish II	SPA-125	Elementary Spanish II
FLS 241	Intermediate Spanish I	SPA-215	Intermediate Spanish I
FLS-241	Intermediate Spanish II	SPA-225	Intermediate Spanish II
FLF-151	Elementary French I	FRE-115	Elementary French I
FLF-152	Elementary French II	FRE-125	Elementary French II
FLF-241 **and** FLF-242	Intermediate French I **and** Intermediate French II	FRE-235	Intermediate French

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

COE COLLEGE

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INTERNATIONAL ECONOMICS

Students majoring in economics have two options: the **ECONOMICS** major (see p. **Error! Bookmark not defined.**) and the **INTERNATIONAL ECONOMICS** major. The international economics major is designed to allow students who are interested in international studies to explore issues of development, growth, and international finance, using the tools of economic analysis. Because of significant overlap in the economics and the international economics requirements, only one of the two majors may be elected by a student. Students majoring in economics or international economics may not minor in either economics or international economics.

International Economics Major

1. ECO-175 Principles of Macroeconomics
2. ECO-215 Principles of Microeconomics
3. ECO-315 Intermediate Macroeconomics
4. ECO-336 Divergent Economic Growth
5. ECO-345 Intermediate Price Theory
6. ECO-375 Econometrics (WE)
7. ECO-436 Economic Development
8. ECO-446 International Economics
9. ECO-495 International Finance
10. Two courses in world language numbered 115 or above
11. One of the following:

    A semester abroad
    A May Term abroad
    A capstone project in international economics, supervised by a member of the economics faculty

NOTE: *International economics majors intending to do graduate work in international studies or intending to pursue a career with a governmental or non-governmental agency are strongly encouraged to consider a minor or major in political science or one of the International Studies tracks to complement the international economics major. Students are also encouraged to work closely with a member of the department to select complementary general education courses.*

International Economics Minor

1. ECO-175 Principles of Macroeconomics
2. ECO-215 Principles of Microeconomics
3. ECO-336 Divergent Economic Growth
4. ECO-436 Economic Development
5. ECO-446 International Economics
6. ECO-495 International Finance

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Transfer Pathways: Kinesiology

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
BIO 112	General Bio I	BIO-155	Organismal and Ecological Biology
BIO 168	Anatomy and Physiology	BIO-103 **or** BIO-215 **&** BIO-225	Anatomy and Physiology **or** Human Anatomy **&** Human Physiology
PEH 162	Intro to Physical Education	KIN-105	Foundations of Physical Movement
PEH 190	Sports Nutrition	KIN-115	Fundamentals of Exercise and Nutrition
PEA 248	Advanced Strength & Conditioning	KIN-103 **or** KIN-104	Advanced Weight Training
PEH 102	Health	KIN-125	Public and Consumer Health
PEH 110	Personal Wellness	KIN-135	Concepts of Individuals
SOC 120	Marriage & Family	SOC-207	Sociology of the Family

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

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Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

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KINESIOLOGY

Atwater, Brendes, Chandler, R. Christensen, Galbraith, Gee, Griffith, LeFevre, Libby, Martin, McCarthy, Molinari, Parks, Prunty, Rice, Roberts, E. Rodgers, Rydze (Chair), Snyder, Tiedt, Walter, Woodin.

The kinesiology department's program enables students to earn a major in physical education for teacher certification, a coaching endorsement, a coaching authorization, and a teacher health certification endorsement. Students may also pursue a track that focuses on health and human performance.

Kinesiology Major

A major in Kinesiology requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

Secondary Education Emphasis in Physical Education

1. BIO-155 Organismal and Ecological Biology
2. One of the following:
   BIO-103 Anatomy and Physiology
   BIO-215 Human Anatomy **and** BIO-225 Human Physiology
3. KIN-105 Foundations of Physical Movement
4. KIN-165 Master Activity Class for Teachers
5. KIN-175 Prevention and Care of Athletic Injuries & Laboratory
6. KIN-225 Motor Learning
7. KIN -347 Adapted Physical Education
8. KIN -365 Measurement Evaluation and Prescription in Physical Education
9. KIN -415 Methods of Teaching Secondary School Physical Education and Health
10. KIN -440 Organization and Administration of Physical Education, Health, and Athletics
11. KIN -442 Physiology of Exercise
12. KIN-495 Kinesiology

Kinesiology Major — Fitness Development

1. BIO-155 Organismal and Ecological Biology
2. One of the following:
   BIO-103 Anatomy and Physiology
   BIO-215 Human Anatomy **and** BIO-225 Human Physiology
3. KIN-105 Foundations of Physical Movement
4. KIN-115 Fundamentals of Exercise and Nutrition
5. KIN-175 Prevention and Care of Athletic Injuries & Laboratory
6. KIN-365 Measurements/Evaluation and Prescription in Physical Education
7. KIN-440 Organization and Administration of Physical Education, Health, and Athletics (WE)
8. KIN-442 Physiology of Exercise
9. All of the following courses in the **Strength and Conditioning Group**:
   KIN-103 or KIN-104 Advanced Weight Training
   KIN-103 or KIN-104 Movement Training
   KIN-185 Group Exercise
   KIN-385 Methods of Teaching Strength Training and Conditioning
   KIN-405 Program Design

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Transfer Pathways: Molecular Biology

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
CHM-263	Organic Chemistry I	CHM-221	Organic Chemistry I
BIO-156	Human Biology with Lab	BIO-100/ -100L	Human Biology with Laboratory
BIO-164	Essentials of Anatomy/Physiology	BIO-103/ -103L	Anatomy and Physiology with Laboratory
ENV-115	Environmental Science	BIO-105	Introduction to Environmental Studies
BIO-225 **and** BIO-227	Marine Biology I **and** Marine Biology II	BIO-115	Marine Biology
BIO-104	Introductory Biology with Lab	BIO-120	Biology, Health & Society
BIO-186	Microbiology	BIO-195/ -195L	Introduction to Microbiology with Laboratory
BIO-732	Health Science Microbiology	BIO-195/ -195L	Introduction to Microbiology with Laboratory
BIO-168 **and** BIO-173	Anatomy & Physiology I **and** Anatomy & Physiology II	BIO-215/ -215L **and** BIO-225	Human Anatomy with Laboratory **and** Human Physiology
BIO-733	Health Science Anatomy	BIO-215/ -215L	Human Anatomy with Laboratory
BIO-734	Health Science Physiology	BIO-225	Human Physiology

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

Molecular Biology (Collateral Major)

Leonardo (Administrative Coordinator).

This major might be considered by students interested in finding technical positions in academia or industry after graduation or those planning to pursue a graduate program in molecular biology, cell biology, or microbiology.

Collateral Major in Molecular Biology

A major in molecular biology requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

Concurrent completion of a primary major in biology is required (see Biology p. **Error! Bookmark not defined.**). Students choosing a collateral major in Molecular Biology may not select the collateral major in Biochemistry.

1. CHM-221 Organic Chemistry I
2. CHM-321 Organic Chemistry II
3. CHM-322 Organic Laboratory
4. BIO-345/-345L Techniques in Molecular Biology and Laboratory
5. BIO-405 Current Topics in Molecular Biology
6. One of the following:
   CHM-431/-431L Biochemistry (WE) and Laboratory
   CHM-432/-432L Protein Biochemistry and Laboratory
7. One of the following sequences:
   BIO-325/-325L Microbiology (WE) and Laboratory
   BIO-415/-415L Developmental Biology and Laboratory
   BIO-435/-435L Cell Physiology and Laboratory
   BIO-455/-455L Molecular Neurobiology and Laboratory

Strongly recommended:

One of the following sequences:

PHY-165/-165L Basic Physics I and PHY-175/175L Basic Physics II
PHY-185/-185L General Physics I and PHY-195/-195L General Physics II

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Transfer Pathways: Mathematics

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
MAT-211	Calculus I	MTH-135	Calculus I
MAT-217	Calculus II	MTH-145	Calculus II
MAT-219	Calculus III	MTH-255	Calculus III
MAT-148	Linear Algebra with Applications	MTH-265	Linear Algebra

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.



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MATHEMATICAL SCIENCES

Cross (Chair), Herron, Hostetler, Hughes, Miller, Stobb, White.

The department of mathematical sciences offers a complete range of courses, with majors and minors available in COMPUTER SCIENCE, DATA SCIENCE and MATHEMATICS, as well as courses in statistics for additional breadth. The department adheres to its belief that the mathematical sciences and the habits of mind that they engender are components of a fine liberal arts education.

Mathematics Major

A major in mathematics requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

1. MTH-135 Calculus I
2. MTH-145 Calculus II
3. MTH-215 Foundations of Advanced Mathematics (WE)
4. MTH-255 Calculus III
5. MTH-265 Linear Algebra
6. MTH-385 Modern Algebra I
7. CS-125 Introduction to Programming
8. One of the following:
   MTH-415 Real Analysis I
   MTH-445 Complex Analysis (WE)
9. Three of the following:
   STA-315 Probability and Statistics I
   STA-325 Probability and Statistics II
   MTH-305 Advanced Geometry (WE)
   MTH-325 Differential Equations (WE)
   MTH-395 Modern Algebra II
   MTH-415 Real Analysis I (if not used to satisfy #8)
   MTH-425 Real Analysis II
   MTH-444 Independent Study
   MTH-445 Complex Analysis (WE) (if not used to satisfy #8)
   MTH-455 Mathematical Modeling (WE)
   MTH-463 Set Theory and Topology
   MTH-484 Special Topics (WE)

NOTE: *A course in statistics and a course in geometry are required for the Iowa teaching endorsement in mathematics at either the elementary or secondary school level. Students planning to teach should consult with faculty in the education department.*

Mathematics Minor

1. MTH-135 Calculus I
2. MTH-145 Calculus II
3. MTH-215 Foundations of Advanced Mathematics (WE)
4. Three of the following:
   STA-315 Probability and Statistics I
   STA-325 Probability and Statistics II
   MTH-255 Calculus III

MTH-265 Linear Algebra
MTH-305 Advanced Geometry (WE)
MTH-325 Differential Equations (WE)
MTH-385 Modern Algebra I
MTH-395 Modern Algebra II
MTH-415 Real Analysis I
MTH-425 Real Analysis II
MTH-444 Independent Study
MTH-445 Complex Analysis (WE)
MTH-455 Mathematical Modeling (WE)
MTH-463 Set Theory and Topology
MTH-484 Special Topics (WE)

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Transfer Pathways: Neuroscience

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
BIO-112	General Biology I	BIO-145/145L	Cellular and Molecular Biology and Laboratory
BIO-113	General Biology II	BIO-155/155L	Organismal and Ecological Biology and Laboratory
CHM-165	General Chemistry I	CHM-121/121L	General Chemistry I and Laboratory
CHM-175	General/Inorganic Chemistry II	CHM-122/122L	General Chemistry II and Laboratory
PSY-111	Introduction to Psychology	PSY-100	Introductory Psychology
BIO-146	Genetics	BIO-235	Genetics
CHM-263	Organic Chemistry I	CHM-221	Organic Chemistry I
PSY-121	Developmental Psychology	PSY-205	Developmental Psychology
PSY-241	Abnormal Psychology	PSY-235	Abnormal Psychology

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

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First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

NEUROSCIENCE (COLLATERAL MAJOR)

Baker (Administrative Coordinator)

Concurrent completion of a primary major in biology, chemistry, or psychology is required. A minimum of six course credits must be taken that do not count toward the student's primary major.

Collateral Major in Neuroscience

1. BIO-145/ -145L Cellular and Molecular Biology **and** Laboratory (WE)
2. BIO-155/ -155L Organismal and Ecological Biology **and** Laboratory (WE)
3. BIO-375/ -375L Integrated Human Physiology **and** Laboratory
4. CHM-121/-121L General Chemistry I and Laboratory
5. CHM-122/-122L General Chemistry II and Laboratory
6. PSY-100 Introductory Psychology
7. PSY-250 Introduction to Biopsychology
8. PSY-350 Drugs and Behavior
9. PSY-450 Behavioral Neuroscience
10. Four courses chosen from the lists below. Unless explicitly listed, associated laboratories are recommended, but not required.
    a. Biology
       BIO-202 Topics in Evolution
       BIO-215 Human Anatomy **or** BIO-315 Integrated Human Anatomy
       BIO-235 Genetics
       BIO-285/ -285L Animal Behavior and Laboratory
       BIO-345L/-345L Techniques in Molecular Biology and Laboratory
       BIO-415 Developmental Biology
       BIO-435 Cell Physiology
       BIO-455/ -455L Molecular Neurobiology and Laboratory
    b. Chemistry
       CHM-211/-211L Analytical Chemistry and Laboratory (WE)
       CHM-221 Organic Chemistry I
       CHM-321 Organic Chemistry II
       CHM-421 Advanced Organic Chemistry
       CHM-431/ -431L Biochemistry (WE) and Laboratory
       CHM-432 Protein Biochemistry
    c. Philosophy
       PHL-245 Minds, Brains, and Robots (WE)
    d. Psychology
       PSY-205 Developmental Psychology
       PSY-235 Abnormal Psychology
       PSY-315 Learning and Behavior
       PSY-325 Health Psychology
       PSY-455 Advanced Experimental Psychology (when research topic is appropriate, as determined by the neuroscience administrative coordinator)
       PSY-464 Seminar in Psychology (WE) (when seminar topic is appropriate, as determined by the neuroscience administrative coordinator)

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Transfer Pathways: Philosophy

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
PHI-101	Introduction to Philosophy	To be determined on case-by-case basis in consultation with department.	
PHI-105	Introduction to Ethics	PHL-128	Morality and Moral Controversies
PHI-110	Basic Reasoning	PHL-115	Logic

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

PHILOSOPHY

Hoover, Javoroski, Lemos.

The philosophy and religion department offers courses designed to lead students to reflect on their views concerning fundamental issues in life and thought. Since both the philosophical and religious traditions have had a central place in and an enormous influence upon the development of human culture, any student seeking a liberal education, whatever the major discipline, will profit from the departmental offerings.

PHILOSOPHY

Philosophy Major

A grade of "C" (2.0) or higher must be earned in all courses counted toward a major in philosophy.

1. Two of the following, one of which must be either Early Modern Philosophy (WE) (PHL-240) or Late Modern Philosophy (WE) (PHL-335):
   PHL-220 Ancient Greek Philosophy (WE)
   PHL-230 Medieval Philosophy (WE)
   PHL-240 Early Modern Philosophy (WE)
   PHL-335 Late Modern Philosophy (WE)
2. Three additional 300-level philosophy courses
3. Five additional philosophy courses, at least two of which must be numbered 200 or above
4. PHL-490 Philosophy Colloquium (WE) (non-credit bearing)

NOTE: *The recommended beginning course in philosophy for those contemplating a major in philosophy is Introduction to Philosophy (PHL-105). However, any of the other 100-level courses are also suitable first courses. Some courses numbered between 200 and 299 may be suitable first courses for students with sophomore standing.*

Philosophy Minor

1. Two of the following, one of which must be either Early Modern Philosophy (WE) (PHL-240) or Late Modern Philosophy (WE) (PHL-335):
   PHL-220 Ancient Greek Philosophy (WE)
   PHL-230 Medieval Philosophy (WE)
   PHL-240 Early Modern Philosophy (WE)
   PHL-335 Late Modern Philosophy (WE)
2. One additional 300-level philosophy course
3. Three additional philosophy courses

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Transfer Pathways: Physics

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
PHY-213 **or** PHY-160*	Classical Physics I **or** General Physics I	PHY-185/185L	General Physics I and Laboratory
PHY-223 **or** PHY-161*	Classical Physics II or General Physics II	PHY-195/195L	General Physics II and Laboratory
PHS-152	Astronomy	PHY-114/114L	Modern Astronomy and Laboratory

** Is not calculus based, must prove proficiency in Calculus I and II.*

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.



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PHYSICS

Affatigato (Chair), Akgun, Bragatto, Duru, Feller

The physics department serves a variety of students with a balanced program, giving equal emphasis to the needs of the technically and the non-technically oriented.

Physics Major

A major in physics requires a minimum cumulative 2.0 GPA in all courses counted toward the major.

1. PHY-185/ -185L General Physics I & Laboratory
2. PHY-195/ -195L General Physics II & Laboratory
3. PHY-231 Mathematical Methods for Physicists
4. PHY-235/ -235L Modern Physics & Laboratory (WE)
5. PHY-265 Electromagnetism
6. Two of the following courses:
   - PHY-275 Classical Mechanics
   - PHY-315 Thermodynamics and Statistical Mechanics
   - PHY-335 Quantum Physics
   - PHY-425 Solid State Physics
7. Four additional physics courses, all of which must be numbered 150 or above.
8. Comprehensive evaluation

Satisfactory completion of written and oral examinations

Recommended:

- CS-125 Introduction to Programming
- CHM-121/-121L General Chemistry I and Laboratory

Physics Minor

A minor in Physics requires a cumulative 2.0 GPA in all courses counted toward the major.

1. PHY-185/-185L General Physics I & Laboratory or PHY-165/-165L Basic Physics I & Laboratory
2. PHY-195/-195L General Physics II & Laboratory or PHY-175/-175L Basic Physics II & Laboratory
3. PHY-235/-235L Modern Physics & Laboratory (WE)
4. PHY-265 Electromagnetism
6. Two additional physics course approved by the department, both of which must be numbered 150 and above.

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Transfer Pathways: Political Science

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
POL-125	Comparative Government and Politics	POL-108	Introduction to Politics
POL-111	American National Government	POL-115	American National Government and Politics
POL-121	International Relations	POL-258	World Politics

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.



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POLITICAL SCIENCE

Barrow, Lanegran, B. Nesmith (Chair).

The department of political science emphasizes the breadth of political science and presents politics as a worldwide phenomenon. The department nurtures active and responsible habits of citizenship, encouraging service learning and the development of political values, while offering students a variety of opportunities to study politics outside the classroom.

Political Science Major

A major in political science requires a cumulative 2.0 GPA in all courses counted toward the major.

A major in political science requires ten courses, including at least three 300- or 400-level courses.

1. POL-108 Introduction to Politics
2. POL-115 American National Government and Politics
3. One political theory course:
   POL-405 Contemporary Political Theory (WE)
   POL-435 Ancient and Medieval Political Theory (WE)
   POL-445 Modern Political Theory (WE)
4. One additional American government course:
   POL-207 Religion and American Politics (WE)
   POL-245 Political Parties and Elections
   POL-277 Women and Politics in the United States (WE)
   POL-325 The American Congress (WE)
   POL-345 The American Presidency (WE)
   POL-350 US Social Policy Process (WE)
5. Two comparative or international politics courses:
   POL-248 Political Violence and the Violent
   POL-258 World Politics (WE)
   POL-266 Latin American Politics (WE)
   POL-276 African Politics (WE)
   POL-286 Asian Politics (WE)
   POL-298 European Politics (WE)
   POL-305 Terrorism (WE)
   POL-310 International Organizations (WE)
   POL-365 American Foreign Policy (WE)
   POL-386 International Development (WE)
   POL-398 Religion and World Politics (WE)
6. Four additional political science courses

Satisfactory work in Topics in Political Science (POL-284/ -296) may be used, with consent of department chair, to satisfy any departmental requirement.

Political Science Minor

A minor in political science requires six courses, including at least two 300- or 400-level courses.

1. POL-108 Introduction to Politics
2. POL-115 American National Government and Politics

3. One political theory course:
   POL-405 Contemporary Political Theory (WE)
   POL-435 Ancient and Medieval Political Theory (WE)
   POL-445 Modern Political Theory (WE)
4. One additional American government course:
   POL-207 Religion and American Politics (WE)
   POL-245 Political Parties and Elections
   POL-277 Women and Politics in the United States (WE)
   POL-325 The American Congress (WE)
   POL-345 The American Presidency (WE)
   POL-350 U.S. Social Policy Process (WE)
5. One comparative or international politics course:
   POL-248 Political Violence and the Violent
   POL-258 World Politics (WE)
   POL-266 Latin American Politics (WE)
   POL-276 African Politics (WE)
   POL-286 Asian Politics (WE)
   POL-298 European Politics (WE)
   POL-305 Terrorism (WE)
   POL-310 International Organizations (WE)
   POL-365 American Foreign Policy (WE)
   POL-386 International Development (WE)
   POL-398 Religion and World Politics (WE)
6. One additional political science course

Satisfactory work in Topics in Political Science (POL-284/ -296) may be used, with consent of department chair, to satisfy any departmental requirement.

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Transfer Pathways: Psychology

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
PSY-11	Introduction to Psychology	PSY-100	Introduction to Pyschology
PSY-121	Developmental Psychology	PSY-205	Developmental Psychology
PSY-241	Abnormal Psychology	PSY-241	Abnormal Psychology
PSY-251	Social Psychology	PSY-255	Social Psychology

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

PSYCHOLOGY

Baker, Brown, Chihak, Dunn, Farrell (Chair), Kelly, Recker, Penalver.

Psychology is the scientific study of behavior and mental processes—the basis for both a field of scientific knowledge and of professional application. Both required and elective courses in psychology are grounded in the scientific approach. As an important tool for the understanding of both theory and data, the study of basic statistical and methodological concepts is included among courses required of all students majoring in psychology.

In addition to a major in **PSYCHOLOGY**, the College also offers collateral majors in **NEUROSCIENCE** (see p. **Error! Bookmark not defined.**) and **ORGANIZATIONAL SCIENCE** (see p. **Error! Bookmark not defined.**).

Secondary Education Certification in Psychology

Students seeking certification to teach psychology at the secondary level are strongly encouraged to speak with an advisor in Education as early as possible in their program of studies.

Psychology Major

A major in Psychology requires a cumulative 2.0 GPA in all courses counted toward the major.

1. PSY-100 Introductory Psychology
2. PSY-200 Research Methods (WE)
3. PSY-215 Topics in Diversity and Inclusion (7 weeks) (0.5 credits)
4. PSY-295 Applied Contemporary Psychology (WE)
5. PSY-300 Statistical Methods and Data Analysis
6. PSY-464 Seminar in Psychology (WE)
7. One of the following:
   PSY-455 Advanced Experimental Psychology
   PSY-494 Internship in Psychology
8. One of the following:
   PSY-205 Developmental Psychology
   PSY-235 Abnormal Psychology
9. One of the following:
   PSY-245 Organizational Psychology
   PSY-255 Social Psychology
10. One of the following:
    PSY-250 Biopsychology
    PSY-260 Cognitive Psychology
11. One of the following:
    PSY-325/ -325L Health Psychology and Laboratory
    PSY-335/ -335L Sensation and Perception and Laboratory
    PSY-355/ -355L Personality and Laboratory
12. One of the following:
    PSY-315 Learning and Behavior
    PSY-350 Drugs and Behavior
    PSY-415 Counseling Psychology
    PSY-450 Behavioral Neuroscience
    PSY-465 Industrial Psychology
    PSY-475 Testing and Measurement

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Transfer Pathways: Religion

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
REL-101	Survey of World Religions	REL-101	Introduction to Religion
REL-130	Introduction to Religions of the East	REL-103	Belief and Unbelief
REL-140	Religion in the United States	REL-217	Religion in America

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Academic Practicum: Transfer students are required to fulfill this requirement.



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RELIGION

Chaplin, Hatchell (Chair), Kensky.

The philosophy and religion department offers courses designed to lead students to reflect on their views concerning fundamental issues in life and thought. Since both the philosophical and religious traditions have had a central place in and an enormous influence upon the development of human culture, any student seeking a liberal education, whatever the major discipline, will profit from the departmental offerings.

Religion Major

A grade of "C" (2.0) or higher must be earned in all courses counted toward a major in religion.

1. One of the following:
   REL-101 Introduction to Religion (WE)
   REL-103 Belief and Unbelief (WE)
2. REL-106 Eastern Religions
3. REL-108 Western Religions (WE)
4. One of the following:
   REL-105 Introduction to Hebrew Bible (WE)
   REL-115 Introduction to New Testament (WE)
5. One of the following:
   REL-116 Buddhism
   REL-136 Religions of China (WE)
   REL-196 Hinduism
6. Five additional religion courses, at least three of which are numbered 300 or above

Religion Minor

1. One of the following:
   REL-106 Eastern Religions
   REL-108 Western Religions (WE)
2. Four additional religion courses

COURSES IN RELIGION BY CONTENT AREA

Special attention should be given to the numerical ordering of the courses listed below:

1. Courses numbered between 100 and 199 include general introductions to religion (Introduction to Religion REL-101, Belief and Unbelief REL-103, Eastern Religions REL-106, and Western Religions REL-108) as well as introductory courses focused on specific traditions.
2. Courses numbered 200-299 are topical courses especially suitable for sophomore level and above.
3. Courses numbered 300-399 are advanced courses with prerequisites.

Recommended beginning courses for those contemplating a major in religion are: Introduction to Religion (REL-101), Belief and Unbelief (REL-103), Eastern Religions (REL-106), or Western Religions (REL-108). However, other courses numbered below 200 are also suitable introductory courses.

SURVEY COURSES

REL-101 Introduction to Religion (WE)
REL-103 Belief and Unbelief (WE)
REL-106 Eastern Religions
REL-108 Western Religions (WE)

INDIVIDUAL TRADITIONS
REL-116 Buddhism
REL-128 Judaism (WE)
REL-136 Religions of China (WE)
REL-138 Modern Judaism (WE)
REL-148 Islam (WE)
REL-178 Christianity
REL-196 Hinduism
REL-206 Buddhist Thought (WE)
REL-215 The Rise of Christianity (WE)
REL-226 Religions of China: Daoism (WE)
REL-236 Zen Buddhism (WE)
REL-336 Tibetan Buddhist Culture (WE)

JUDEO-CHRISTIAN SCRIPTURES
REL-105 Introduction to Hebrew Bible (WE)
REL-115 Introduction to New Testament (WE)
REL-310 Early Christian Gospels (WE)
REL-330 Topics in Hebrew Bible (WE)
REL-365 The Letters of Paul (WE)

TOPICAL COURSES
REL-217 Religion in America (WE)
REL-295 Topics in Religion
REL-296 Topics in Religion: Non-Western Perspectives
REL-338 Modern Religious Thought (WE)
REL-385 Advanced Topics in Religion (WE)
REL-386 Advanced Topics in Religion: Non-Western Perspectives (WE)
REL-394 Directed Readings in Religion (WE)
REL-444 Independent Study in Religion (WE)
REL-494 Internship in Religion (WE)

COE COLLEGE

Coe makes it possible. You make it happen.

Transfer Pathways: Rhetoric

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
SPC-101	Fundamentals of Oral Communication	COM-125	Funamentals of Public Speaking
ENG-225	Creative Writing: Poetry	CRW-280	Poetry Workshop 1
ENG-230	Creative Writing: Fiction	CRW-290	Fiction Workshop 1
ENG-106	Composition II	RHE-175 **or** RHE-275	Writer's Studio (2 terms) **or** Advanced Writer's Studio (2 terms)

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

RHETORIC

Carr, Donofrio, Harmsen, Hodges (Chair), J. Nesmith.

The Rhetoric Department offers a major and a minor in both **COMMUNICATION STUDIES** (see p. **Error! Bookmark not defined.**) and **WRITING** (see p. **Error! Bookmark not defined.**) and is responsible for offering courses in the study and practice of academic prose, non-fiction writing, journalism, and communication studies.

—WRITING

The writing major (within the Rhetoric department) is designed to help students become skilled, reflective writers capable of composing texts in a variety of genres, responding effectively to diverse rhetorical situations.

Writing Major

A major in Writing requires a cumulative 2.0 GPA in all courses counted toward the major.

Students choosing a writing major or minor may not select either the collateral major or the minor in creative writing offered by the English department.

1. COM-125 Fundamentals of Public Speaking
2. RHE-200 Rhetorical Theory & Practice
3. One of the following:
   COM-241 Introduction to Multimedia Journalism (WE)
   RHE-225 Journalism and Media Writing Workshop (WE)
4. One of the following:
   RHE-255 The Essay (WE)
   RHE-377 Cultural Studies (WE)
5. Six courses, at least three of which are numbered 300 or above, chosen from the list below. No more than two courses from CRW may count toward the major. Students also majoring in Communication Studies may select no more than two additional courses with a COM prefix.
   COM-241 Introduction to Multimedia Journalism (WE) (if not used to satisfy requirement #3)
   COM-337 Persuasion
   COM-341 Digital Storytelling (WE)
   COM-444 Independent Study in Communication Studies (WE) (when project content is appropriate)
   COM-494 Internship in Journalism/Communication
   CRW-115 Exploring Creative Writing (WE)
   CRW-255 Playwriting Workshop 1 (WE)
   CRW-280 Poetry Workshop 1 (WE)
   CRW-290 Fiction Workshop 1 (WE)
   CRW-355 Playwriting Workshop 2 (WE)
   CRW-380 Poetry Workshop 2 (WE)
   CRW-390 Fiction Workshop 2 (WE)
   CRW-455 Playwriting Workshop 3 (WE)
   RHE-135 Writers Colony (WE)
   RHE-137 Creative Nonfiction and American Culture (WE)

RHE-146 Memoir and Culture (WE)
RHE-175 Writer's Studio (WE) (2 terms)
RHE-210 Journalism Practicum (5 terms)
RHE-225 Journalism and Media Writing Workshop (WE) (if not used to satisfy requirement #3)
RHE-230 Grammar and Style Workshop
RHE-255 The Essay (WE) (if not used to satisfy requirement #4)
RHE-257 Environmental Rhetoric (WE)
RHE-265 Professional Writing (WE)
RHE-275 Advanced Writers Studio (WE) (2 terms)
RHE-284 Topics in Writing and Rhetoric
RHE-285 Technical Writing and Information Design (WE)
RHE-312 Writing Center Theory and Practice (WE) (4 terms)
RHE-345 Nature Writing (WE)
RHE-377 Cultural Studies (WE) (if not used to satisfy requirement #4)
RHE-394 Directed Studies in Writing (WE)
RHE-415 Advanced Writing Workshop (WE) (if not used to satisfy requirement #6)
RHE-425 Advanced Topics in Writing and Rhetorical Studies (WE)
RHE-490 Publications Practicum
RHE-494 Internship in Writing

6. One of the following:
   RHE-415 Advanced Writing Workshop (WE)
   RHE-444 Independent Study in Writing (WE)
   An Honors Thesis

Writing Minor

A minor in Writing requires a cumulative 2.0 GPA in all courses counted toward the minor.

1. RHE-200 Rhetorical Theory and Practice
2. Four courses, at least three of which are numbered 300 or above, chosen from the list below. No more than one course from CRW may count toward the minor. Students majoring in Communication Studies may select no more than 1 course with a COM prefix for the writing minor.
   COM-241 Introduction to Multimedia Journalism (WE)
   COM-337 Persuasion
   COM-341 Digital Storytelling (WE)
   COM-444 Independent Study in Communication Studies (WE) (when project content is appropriate)
   COM-494 Internship in Journalism/Communication
   CRW-115 Exploring Creative Writing (WE)
   CRW-255 Playwriting Workshop 1 (WE)
   CRW-280 Poetry Workshop 1 (WE)
   CRW-290 Fiction Workshop 1 (WE)
   CRW-355 Playwriting Workshop 2 (WE)
   CRW-380 Poetry Workshop 2 (WE)
   CRW-390 Fiction Workshop 2 (WE)

RHE-135 Writers Colony (WE)
RHE-137 Creative Nonfiction and American Culture (WE)
RHE-146 Memoir and Culture (WE)
RHE-175 Writer's Studio (WE) (2 terms)
RHE-210 Journalism Practicum (5 terms)
RHE-225 Journalism and Media Writing Workshop (WE)
RHE-230 Grammar and Style Workshop
RHE-255 The Essay (WE)
RHE-257 Environmental Rhetoric (WE)
RHE-265 Professional Writing (WE)
RHE-275 Advanced Writers Studio (WE) (2 terms)
RHE-284 Topics in Writing and Rhetoric
RHE-285 Technical Writing and Information Design (WE)
RHE-312 Writing Center Theory and Practice (WE) (4 terms)
RHE-345 Nature Writing (WE)
RHE-377 Cultural Studies (WE)
RHE-394 Directed Studies in Writing (WE)
RHE-415 Advanced Writing Workshop (WE) (if not used to satisfy requirement #3)
RHE-425 Topics in Writing and Rhetorical Studies (WE)
RHE-490 Publications Practicum
RHE-494 Internship in Writing

3. One of the following:
RHE-415 Advanced Writing Workshop (WE)
RHE-444 Independent Study in Writing (WE)
An Honors Thesis

COE COLLEGE

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Transfer Pathways: Social and Criminal Justice

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
CRJ-111 **and** CRJ-120	Policy and Society **and** Introduction to Corrections	SCJ-201	Law Enforcement and Corrections
MAT-157 **or** MAT-160 **or** MAT-162	Statistics **or** Statistical Business Applications **or** Principles of Business Statistics	BUS-190	Statistical Analysis
SPC-122	Interpsersonal Comm	COM-237	Interpersonal Communication
HIS-150	U.S. History to 1877	HIS-145	History of the United States to 1865
HIS-153	U.S. History since 1877	HIS-155	Hist. of the United States Since 1865
PSY-241	Abnormal Psychology	PSY-235	Abnormal Psychology
PSY-251	Social Psychology	PSY-255	Social Psychology
CRJ-201	Juvenile Delinquency	SCJ-220	Juvenile Delinquency and the Justice System
CRJ-101 **or** CRJ-107 **or** CRJ-128 **or** CRJ-179 **or** CRJ-220 **or** CRJ-222 **or** CRJ-301 **or** CRJ-302 **or** CRJ-305 **or** CRJ-325 **or** CRJ-326	Ethics in Criminal Justice **or** Survey of Criminal Justice Agencies **or** Victimology **or** White Collar Crime **or** Community-Based Corrections **or** Correctional Treatment Method **or** Introduction to Homeland Security **or** Transportation and Border Security **or** Introduction to Cyber Terrorism **or** Introduction to Emergency Management **or** Emergency Planning	SCJ-190	Topics in Social and Criminal Justice

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.



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Social & Criminal Justice

L. Barnett, J. Christensen, McNabb (Administrative Coordinator).

The Social & Criminal Justice Program offers students an opportunity to immerse themselves in an interdisciplinary major that draws from Coe's rich tradition in the liberal arts, as well as the pre-professional opportunities at the college. Core courses in the major address multifaceted questions surrounding restorative, retributive, procedural, and distributive justice. While many programs addressing such issues are housed in the field of criminal justice studies, the SCJ faculty teach topics within the major from varying perspectives and disciplines, introducing students to the ways in which matters of justice are at work in — and essential to — many areas of study.

The major is both local and global in nature, exhibiting the possibilities and limitations of social and criminal justice initiatives in the Cedar Rapids community, while also navigating matters of human rights and comparative justice systems that reveal our connections to the broader world.

Through interdisciplinary engagement and a required practicum, the SCJ program demonstrates for students how a multiplicity of voices and viewpoints can help to shape new ideas about the impact of social justice initiatives upon the criminal justice system, and the foundations of individual and collective community engagement.

Social & Criminal Justice Major

A major in Social & Criminal Justice requires a cumulative 2.0 GPA in all courses counted toward the major.

1. SCJ-101 Introduction to Social and Criminal Justice
2. SCJ-201 Law Enforcement and Corrections
3. SOC-235 Methods of Sociological Research (WE)
4. PHL-285 Law, Morality, and Punishment (WE)
5. SCJ-350 Human Rights and Comparative Justice Systems
6. SOC-351 Criminology
7. One of the following:
   STA-100 Statistical Foundations (7 weeks) **and** STA-110 Inferential Statistics (7 weeks)
   STA-100 Statistical Foundations (7 weeks) **and** STA-130 Experimental Design (7 weeks)
   BUS-190 Statistical Analysis (WE)
   PSY-300 Statistical Methods and Data Analysis
8. Three courses, chosen from the following, in consultation with the student's advisor and/or the Social & Criminal Justice administrative coordinator. No more than two courses may be selected from the same prefix.
   ACC-313 Fraud Examination (WE)
   ARH-107 Gender and Art
   COM-237 Interpersonal Communication (WE)
   COM-357 Sex, Race, and Gender in the Media (WE)
   COM-361 Communication and Social Change
   COM-362 U.S. Public Address (WE)
   ECO-115 Introduction to Political Economy
   EDU-187 Human Relations (WE)
   ENG-127 Human Rights and Literature (WE)
   ENG-146 Introduction to Postcolonial Literature (WE)

GS-107 Introduction to Gender and Sexuality Studies (WE)
HIS-145 History of the United States to 1865
HIS-155 History of the United States Since 1865
HIS-347 African American History (WE)
HIS-257 Native American History (WE)
HIS-297 Women in America (WE)
HIS-325 Recent American History I (WE)
IS-126 Human Rights Work with Burmese Immigrants in Thailand
PHL-128 Morality and Moral Controversies (WE)
PHL-205 Environmental Ethics (WE)
PHL-265 Political Philosophy (WE)
PHL-270 Ethical Theory (WE)
PHL-277 Philosophy of Gender and Race (WE)
POL-305 Terrorism (WE)
POL-350 U.S. Social Policy Process (WE)
POL-375 The Constitution and Individual Liberties
PSY-235 Abnormal Psychology
PSY-245 Organizational Psychology
PSY-255 Social Psychology
PSY-315 Learning and Behavior
PSY-350 Drugs and Behavior
PSY-415 Counseling Psychology
REL-217 Religion in America (WE)
SCJ-190 Topics in Social and Criminal Justice
SCJ-220 Juvenile Delinquency and the Justice System
SCJ-301 Criminal Law and the Fourth, Fifth, and Sixth Amendments
SCJ-390 Advanced Topics in Social and Criminal Justice
SOC-207 Sociology of the Family
SOC-247 Sociology of Race
SOC-328 Urban Sociology
SOC-338 Political Sociology
SOC-355 Deviant Behavior
SOC-425 Social Change
A course approved by the Social & Criminal Justice administrative coordinator

9. One of the following capstone projects:
SCJ-444 Independent Study in Social and Criminal Justice
SCJ-494 Internship in Social and Criminal Justice
OCC-323 Chicago Program (if internship/independent study has SCJ focus)
WSH-464 Washington Term Internship Seminar (if internship has SCJ focus)
As a capstone experience, it is expected that students will carry out the project during the junior or senior year, after completing the majority of the required coursework. Students are expected to consult with the SCJ administrative coordinator prior to beginning their projects.

10. SCJ-490 Social & Criminal Justice Colloquium -- Non-Credit Bearing

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Transfer Pathways: Sociology

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
SOC-110	Introduction to Sociology	SOC-107	Introductory Sociology
SOC-120	Marriage and Family	SOC-207	Sociology of the Family
MAT-157	Statistics	STA-100 and STA-110 **or** STA-100 and -130	Statistical Foundations and Inferential Statistics **or** Statistical Foundations and Experimental Design

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

SOCIOLOGY

L. Barnett, Bowman, Fairbanks (Chair), K. Rodgers.

The sociology department, which also offers a minor in anthropology, offers a rigorous curriculum in support of Coe's mission of providing students with a high-quality liberal arts education and preparing students intellectually, professionally, and socially to lead productive and satisfying lives in the global society of the 21st century. The department serves this mission through an integrated series of courses designed to promote students' awareness and understanding 21st- century social problems, including the enduring presence of social inequality.

Sociology Major

A major in Sociology requires a cumulative 2.0 GPA in all courses counted toward the major.

1. SOC-107 Introductory Sociology
2. SOC-235 Methods of Sociological Research (WE)
3. SOC-450 Sociological Theory (WE)
4. SOC-464 Capstone Seminar in Sociology (WE)
5. Five additional sociology courses, including at least one course numbered between 400-449 (not including SOC-444 Independent Study, which does not count towards the major)
6. One of the following:
   STA-100 Statistical Foundations (7 weeks) **and** STA-110 Inferential Statistics (7 weeks)
   STA-100 Statistical Foundations (7 weeks) **and** STA-130 Experimental Design (7 weeks)

Sociology Minor

1. SOC-107 Introductory Sociology
2. SOC-235 Methods of Sociological Research (WE)
3. SOC-450 Sociological Theory (WE)
4. Three additional sociology courses, including at least one course numbered between 400-449 (not including SOC-444 Independent Study, which does not count towards the major)

The following courses do not satisfy any of the requirements for a major or minor in sociology:

SOC-275 Directed Reading
SOC-365/ -375 Research Participation I, Research Participation II
SOC-444 Independent Study
SOC-494 Internship in Sociology
SOC-499 Career-Related Independent Investigation

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Transfer Pathways: Spanish

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
FLS-151	Elementary Spanish I	SPA-115	Elementary Spanish I
FLS-152	Elementary Spanish II	SPA-125	Elementary Spanish II
FLS-241	Intermediate Spanish I	SPA-215	Intermediate Spanish I
FLS-242	Intermediate Spanish II	SPA-225	Intermediate Spanish II

*Additional upper-level coursework is accepted in many instances. Please review the information below and contact us for assistance.

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

SPANISH / SPANISH STUDIES

Chaimov (Administrative Coordinator), Johnson, Perez, Rodriguez Moreno, Suarez.

Spanish Major

A grade of "C" (2.0) or higher must be earned in all courses counted toward a major in Spanish.

Students who major in Spanish complete a minimum of eight courses in Spanish beyond Intermediate Spanish II (SPA-225), though Spanish Literature in Translation (SPA-148) may be taken as one of the eight. Elementary Spanish (SPA-115/125), Spanish Review and Preparation (SPA-135), and Intermediate Spanish (SPA-215/225) are regarded as skill-building courses, and do not count toward the major in Spanish. Spanish students are urged to substitute study abroad in a program approved by the College and the department for up to three courses for the major. One Hispanic literature course (SPA-336 or above) must be taken in the senior year.

SPA-464 Capstone in Spanish is required during the final spring term before graduation. Students selecting Spanish as a second teaching field should complete a minimum of four Spanish courses numbered 315 or above. Any advanced courses taken for the second teaching field should include Spanish Composition and Conversation (SPA-315).

Spanish Minor

A grade of "C" (2.0) or higher must be earned in all courses counted toward a minor in Spanish.

The minor in Spanish requires the completion of four courses beyond Intermediate Spanish II (SPA-225), though with the consent of department chair, Spanish Literature in Translation (SPA-148) may be taken as one of the four. Elementary Spanish (SPA-115/125), Spanish Review and Preparation (SPA-135), and Intermediate Spanish (SPA-215/225) are regarded as skill-building courses, and do not count toward the minor in Spanish.

Spanish Studies Major

A grade of "C" (2.0) or higher must be earned in all courses counted toward a major in Spanish Studies.

The Spanish Studies major requires: 1) successful completion of four courses beyond Intermediate Spanish II (SPA-225), with Hispanic Life and Culture (SPA-336/ -338) recommended as one of the four; and 2) successful completion of a departmentally approved list of five courses proposed by the student which exhibits both internal coherence and relevance to the course work in Spanish. Typically, application to the department for the approval of the interdisciplinary elected courses is to be made no later than the Spring Term of the junior year. Elementary Spanish (SPA-115/125), Spanish Review and Preparation (SPA-135), and Intermediate Spanish (SPA-215/225) are regarded as skill-building courses, and do not count toward the major in Spanish Studies.

COE COLLEGE

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Transfer Pathways: Theatre

Des Moines Area Community College			
DMACC Prefix	**DMACC Course Name**	**Coe Prefix**	**Coe Course Name**
DRA-181 **or** 182 **or** 280 **or** 282	Theatre Lab I **or** II **or** III **or** IV	THE-102	Technical Theatre Lab
DRA-162	Technical Theatre	THE-130	Technical Production I
DRA-202	Design Principles	THE-140	Design for the Stage
DRA-130	Acting I	THE-150	Acting I
DRA-250	Directing	THE-290	Directing I

Credit System: Coe uses the Coe Credit system. Courses are one credit unless otherwise indicated. Students are expected to complete 180 hours of work to earn one course credit, although class times vary from course to course. Other institutions may convert Coe credit to their system by considering one course credit to be 6 quarter hours, or 4 semester hours.

Academic Plan: All students must complete at Coe at least 40% of the total course credits required for each declared major or minor or three course credits, whichever is greater. In addition to completing at least one major area of study, transfer students must abide with the following to complete the requirements for graduation:

First Year Experience: Transfer students are not required to fulfill the requirements of the First-Year Experience, if they have completed at least one full-time college term since graduation from high school.

Writing Emphasis: Undergraduate degree-seeking students who start at Coe College or who transfer fewer than 8 course credits earned after graduation from high school must complete at least 5 writing emphasis courses. Of these 5, one will usually be the First Year Experience mentioned above. Students who transfer at least 8 but fewer than 16 course credits to Coe, earned after graduation from high school, must complete at least 3 writing emphasis courses. Students who transfer 16 or more course credits to Coe, earned after graduation from high school, must complete at least 2 writing emphasis credits.

General Education: Requirements include Liberal Arts selections in the four divisional areas (Natural and Mathematical Sciences, Social Sciences, Humanities, Fine Arts) and Diverse Cultural Perspectives courses. Any courses accepted in transfer for at least 0.75 course credit that fit the criteria of the Liberal Arts and/or Diverse Cultural Perspectives core groups can be applied towards the general education requirements as determined by the Registrar.

Academic Practicum: Transfer students are required to fulfill this requirement.

THEATRE ARTS

D. Barnett, Downes, Ganfield, Rezabek, Schmidt, Steffens, Wolverton (Chair)

The Theatre Arts program is designed to provide a balance between academic and experiential learning for all interested students. The goal is to offer opportunities for student participation in all aspects of theatre, on stage and in the classroom, and to enrich the cultural and academic life of the College.

The program accommodates both majors and minors through courses focused on theatrical history, theory and literature, as well as through training in acting, directing, design, and theatrical production. This foundation prepares students for graduate study and for any field that values high-level communication skills, as well as for careers in theatre as teachers, artists, technicians, or managers.

As a means of helping students prepare for graduate study and/or a professional career, all majors are required to present an audition piece or a portfolio for annual review beginning in their second year. The senior seminar provides a capstone experience, giving students an opportunity to reflect on their development as theatre artists, and to examine theatre as a collaborative art form.

For the campus community at large, as audience members or as occasional participants, the program offers a wide range of drama selected both to educate and to entertain.

Theatre Arts Major

A major in Theatre requires a cumulative 2.0 GPA in all courses counted toward the major.

Theatre Arts Core Courses (required of all students majoring in theatre arts):

1. THE-102 Theatre Production Lab
2. THE-130 Technical Production I
3. THE-140 Design for the Stage
4. THE-150 Acting I
5. THE-228 History of Theatre and Drama I (WE)
6. THE-238 History of Theatre and Drama II (WE)
7. THE-290 Directing I (WE)
8. THE-464 Senior Seminar

Theatre Arts Minor

The minor in theatre arts consists of six course credits of theatre arts.

Theatre Arts students select one of the following **emphases**: general, acting, directing, musical theatre, and technical theatre/design.

General

1. Eight core courses (see p. **Error! Bookmark not defined.**)
2. Three additional course credits of theatre arts, chosen with departmental approval.