

quadratic reciprocity law, continued fractions, and other topics as time and student interest permit. *Staff.*

Winter 2010 and alternate years.

Mathematics 383 (3)—Seminar

Prerequisite: Permission of the department. Readings and conferences for a student or students on topics agreed upon with the directing staff. May be repeated for degree credit with permission and if the topics are different. *Staff.*

Fall, Winter, Spring

Note: Seminar and research offerings are contingent upon the demonstrated need and aptitude of the student for independent work in mathematics and upon the availability of departmental resources.

Mathematics 401 (1), 402 (2), 403 (3)—Directed Individual Study

Prerequisite: Permission of the department. Individual conferences. May be repeated for degree credit with permission and if the topics are different.

Mathematics 421 (1), 422 (2), 423 (3), 426 (6)—Directed Individual Research

Prerequisite: Permission of the department. Directed independent work in mathematics, especially for honors candidates. May be repeated for degree credit with permission and if the topics are different.

Mathematics 493 (3-3)—Honors Thesis

Prerequisites: Honors candidacy, senior standing.

Fall-Winter

Military Engineering—For qualified students who may request it, a course in fortifications, gunnery, and ballistics will be offered.

MEDIEVAL AND RENAISSANCE STUDIES (MRST)

CORE FACULTY:

PROFESSORS BENT, A. BROWN, CAMPBELL, CRAUN, CROCKETT, FUTCH, MARKS, RADULESCU, SANDERS, SESSIONS, SPICE
ASSOCIATE PROFESSORS PETERSON*, FRÉGNAC-CLAVE, KOSKY
ASSISTANT PROFESSORS GERTZ, PICKETT

MAJOR

A major in **Medieval and Renaissance Studies** leading to a Bachelor of Arts degree requires completion of at least 36 credits as follows:

1. Students must complete one of the following language sequences:
 - a. Six credits at the third-year level in French, German, Italian, Latin, Russian, or Spanish
 - b. The FL or GE2 requirement (i.e. qualified to enter third-year study) in French, German, Italian, Latin, Russian or Spanish and complete the first year of study in a second of these languages
2. Medieval and Renaissance Studies 110 (also, History 100 and 101 and Religion 101 and 102 are strongly recommended)
3. 30 credits chosen from the following courses, with no fewer than nine credits at the 300 or 400 level. Majors must complete at least four courses in one area, at least two courses in two other areas, and at least one course in the fourth area. These courses must be distributed among the four areas as follows:
 - a. *History and History of Science:* History 301, 302, 303, 304, 305, 315, 316, 317; Physics 150; and, when appropriate, History 329, 395, and 403; Medieval and Renaissance Studies 395, 403; and Physics 403
 - b. *Literature:* English 312, 313, 314, 316, 318, 319, 320, 326, 330; German 318; Latin 327; Literature in Translation 255, 269; Spanish 211, 220, 320, 322; and, when appropriate, English 299, 380, 403; French 341, 403; German 395, 403; Italian 403; Literature in Translation 295, 395; Medieval and Renaissance Studies 395, 403, and Spanish 397, 403
 - c. *History of Ideas:* History 306, 327; Philosophy 221 (Classics 221), 222; Religion 151, 215, 250, 271; and, when appropriate, French 341; History 395; Medieval and Renaissance Studies 395, 403; Philosophy 395, 403; Politics 396, 403; and Religion 260, 350, 370, 403

**Head of the Medieval and Renaissance Studies major.*

d. *Fine Arts*: Art 205, 206, 250, 251, 280, 285, 349, 350, 351, 352; Music 131, 331; and, when appropriate, Art 380, 403; Medieval and Renaissance Studies 395, 403; and Music 374, 423

4. Medieval and Renaissance Studies 473 or 493 (3-3).

HONORS: An Honors Program in Medieval and Renaissance Studies is offered for qualified students; see the program head for details.

**Medieval and Renaissance Studies 110 (3)—
Medieval and Renaissance Culture**

An introduction to the interdisciplinary study of the Medieval and Renaissance periods through the study of a particular topic. Recent studies: The Crusades, Monasticism, Chivalry, Elizabethan England, the Birth of Italian Literature, and European Encounters with Islam. (Offered as 110A when HL; GE3 or as 110 when HU; GE4a, depending on topic.) *Staff*.

Winter

**Medieval and Renaissance Studies 395 (3)—
Seminar in Medieval and Renaissance Studies**

Prerequisite: Permission of the instructor. A seminar concentrating on topics or concepts relevant to Medieval and Renaissance studies. Topics are offered according to the interests of participating faculty. This course may be repeated for degree credit with permission and if the topics are different. *Staff*.

Offered when interest is expressed and departmental resources permit.

**Medieval and Renaissance Studies 403 (3)—
Directed Individual Study**

Prerequisite: Permission of the instructor. Individual study of selected topics in Medieval and Renaissance studies. May be repeated for degree credit with permission and if the topics are different. *Staff*.

**Medieval and Renaissance Studies 473 (3)—
Senior Thesis**

Prerequisites: Permission of the program head and the major adviser. Individual research devoted to an original topic dealing with issues pertinent to Medieval and Renaissance studies. The focus of this thesis should coincide with the area of study in which the student has done the most work and should be grounded in interdisciplinary themes. Projects should be approved no later than September 30 of the senior year. *Staff*.

Winter

**Medieval and Renaissance Studies 493 (3-3)—
Honors Thesis**

Prerequisites: Senior standing, cumulative grade-point average of 3.300, and permission of the Medieval and Renaissance Studies Committee. Honors thesis devoted to a specialized topic in Medieval and Renaissance studies. Applications for honors should be submitted no later than May 1 of the junior year. *Staff*.

Fall-Winter

Medieval and Renaissance Studies courses are as follows; for course descriptions, see the appropriate departmental listings.

Art History 205—Medieval Art in Southern Europe
 Art History 206—Medieval Art
 Art History 250—Northern Renaissance Art
 Art History 251—Italian Renaissance Art
 Art History 280—The High Renaissance in Florence and Rome
 Art History 285—Art of the Cities of Northern Italy, 1250-1500
 Art History 349—Gothic Art in Northern Europe
 Art History 350—Medieval Art in Italy
 Art History 351—Early Renaissance Art in Florence
 Art History 352—The High Renaissance in Italy
 English 312—Chaucer, Dante, Langland: Vision and Life
 English 313—Chaucer's *The Canterbury Tales*
 English 314—Romance and Ballad
 English 316—Renaissance Literature: The 16th Century
 English 318—Medieval and Renaissance Drama
 English 319—Shakespeare and Company
 English 320—Shakespearean Genres
 English 326—17th-Century Poetry
 English 330—Milton
 German 318—German Medieval and Renaissance Literature
 History 301—Europe in the Early Middle Ages, 325-1198
 History 302—Europe in the Late Middle Ages, 1198-1500
 History 303—The Italian Renaissance in Its Historical Setting
 History 304—The Age of Reformation
 History 305—Seminar: Religion, Church and Politics in Medieval and Renaissance Society
 History 306—Seminar: Medieval and Renaissance Political Thought
 History 315—Venetian History
 History 316—Rome and the Papacy since the Schism
 History 317—History of The British Isles to 1688
 History 327—The Development of the Western Legal Tradition
 Latin 327—Medieval and Renaissance Writers
 Literature in Translation 255—Masterpieces of Peninsular Spanish Literature in Translation
 Literature in Translation 269—Italian Literature of the Renaissance in Translation
 Medieval and Renaissance Studies 110—Medieval and Renaissance Culture
 Medieval and Renaissance Studies 395—Seminar in Medieval and Renaissance Studies
 Medieval and Renaissance Studies 403—Directed Individual Study
 Medieval and Renaissance Studies 473—Senior Thesis
 Medieval and Renaissance Studies 493—Honors Thesis
 Music 131—Music History I
 Music 331—Renaissance Music

Philosophy 221 (Classics 221)—Plato
 Philosophy 222—Aristotle
 Physics 150—The Immense Journey: *Harmonices Mundi*
 Religion 151—Christianity and Culture Before 1500
 Religion 215—Female and Male in Western Religious Traditions
 Religion 250—Early Christian Thought: Orthodoxy and Heresy
 Religion 271—Judaism: Sages and Mystics
 Spanish 211—Spanish Civilization and Culture
 Spanish 220—Introductory—n a la literatura española

The following courses may also meet major requirements when the topic is appropriate:

Art History 380—Seminar in Art History
 Art History 403—Directed Individual Study
 English 299—Seminar for Prospective Majors
 English 380—Advanced Seminar
 English 403—Directed Individual Study
 French 341—La France de l’Ancien Régime
 French 403—Directed Individual Study
 German 395—Seminar
 German 403—Directed Individual Study
 History 329—Topics in European History
 History 395—Advanced Seminar
 History 403—Directed Individual Study
 Italian 403—Directed Individual Study
 Literature in Translation 295—Special Topics in Literature in Translation
 Literature in Translation 395—Literature in Translation Seminar
 Music 374—Supervised Study in Europe
 Music 423—Directed Individual Project
 Philosophy 395—Advanced Seminar
 Philosophy 403—Directed Individual Study
 Physics 403—Directed Individual Study
 Politics 396—Seminar in Political Philosophy
 Politics 403—Directed Individual Study
 Religion 260—Seminar in the Christian Tradition
 Religion 350—Seminar in Biblical Studies
 Religion 370—Seminar in Judaism and Islam
 Religion 403—Directed Individual Study
 Spanish 403—Directed Individual Study

MUSIC (MUS)

PROFESSORS T. GAYLARD, KOLMAN, G. SPICE, VOSBEIN
 INSTRUCTOR MYERS
 REGULAR ADJUNCT FACULTY: ARTWICK, BUNTS, C. GAYLARD, GOUDIMOVA, HARVEY, JELLISON, KLUESNER, MAGEE, McCORKLE, OVERMAN, PENNE, B. PETTY, S. PETTY, PIERSON, TAYLOR, ZWEBEN

MAJOR

A major in **music** leading to a Bachelor of Arts degree requires at least 36 credits as follows:

1. Music 120, 131, 132, 161, 162, 260, 395, 473 or 493 (thesis), and completion of one of the following sequences:
 - a. *History*: three courses chosen from Music 220, 221, 231, 232, 233, 295, 331, 332 and 396
 - b. *Theory-Composition*: Music 361, 362, and one course chosen from Music 233, 397, and 423 (with the approval of the theory/composition faculty)
 - c. *Performance*: three credits chosen from applied music courses at the 300-level or above; and six credits chosen from Music 220, 221, 231, 232, 233, 331, 332, 361, 362, 396, and 423
2. Enrollment in ensemble courses (108-115) is required every fall and winter term after declaring the music major
3. Demonstrated piano proficiency by the end of the junior year
4. Concert attendance as required by the department.

Note: Limits of eight credits in ensemble courses (Music 108-116) and of nine credits for non-majors and 12 credits for majors from applied music courses (Music 141-143, 241-243, 341-343, 441-443) allowable toward a degree. Credits taken in excess of these limits will be treated as repeats of the earliest unrepeated credit of each kind. A fee is charged for applied music; music majors are entitled to take one applied music course per term without charge. One credit is earned for a 45-minute private lesson and a minimum of five hours practice a week during fall and winter terms; a one-hour private lesson and a minimum of seven hours practice a week are required during the spring term.

HONORS: An Honors Program in music is offered for qualified students; see department head for details.

Music 100 (3)—Introduction to Music Theory

Prerequisite: Permission of the instructor. Students are introduced to the basic aspects of music theory through the study of scales, intervals, keys, chords, meter, and rhythm. The course is designed for students who have no background in music. Not open to students already qualified for Music 161. (HA, GE4a) Kolman.

Winter