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## 2007-2008 ACADEMIC MINORS and CERTIFICATES

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<u>MINOR</u>	<u>Contact</u>	<u>MINOR</u>	<u>Contact</u>
African-American Studies	Dr. Anita McDaniel, COM, and Dr. Sam Murrell, PAR	Jazz Studies	Dr. Frank Bongiorno, MUS
American Studies	Dr. Lloyd Rohler, COM	Journalism	Dr. Bruce McKinney, COM or Mr. Bill DiNome
Anthropology	Dr. R. Dale McAll, ANT	Latin-American Studies	Dr. Joanne Halls, GGY
Art History	Mr. Donald Furst, ART	Leadership Studies	Dr. Joanne Nottingham, EDN
Asian Studies	Ms. Yoko Kano, FLL	Mathematics	Dr. Kenneth Gurganus, MAT
Biology	Dr. Martin Posey, BIO	Middle East Studies	Dr. Lisa Pollard, HST, and Dr. Herbert Berg, PAR
Chemistry	Dr. James Reeves, CHM	Music	Dr. Frank Bongiorno, MUS
Choral Music	Dr. Joe Hickman, MUS	Native-American Studies	Dr. Lee Schweningen, ENG
Classical Studies	Dr. Andrea Deagon, FLL	Oceanography	Dr. Richard Laws, ERS
Community Health	Dr. Darwin Dennison and Dr. Melody Kyzer, HAHS	Parks & Recreation Management	Dr. James Herstine, HAHS
Computer Science	Dr. Laurie Patterson, CSC	Philosophy	Dr. Tom Schmid, PAR
Creative Writing	Ms. Levonne Adams, CRW	Physics	Dr. Curt Moyer, PHY
Digital Arts	ART/CSC departments	Political Science	Dr. Roger Lowery, PLS
Economics	Dr. William Sackley, ECN	Postcolonial Studies	Dr. Cara N. Cilano, ENG
English	Ms. Kathleen Gould, ENG	Psychology	Dr. L. Andy Jackson, PSY
Environmental Studies	Dr. Jack Hall, EVS, and Dr. Robert Buerger, EVS	Public Administration	Dr. Thomas Barth, PLS
European Studies	Dr. P. Kamenish, ENG	Religion	Dr. Tom Schmid, PAR
Forensic Science	Dr. A. Midori Albert, ANT	Science, Humanities & Society	Dr. Carol Pilgrim, PSY
French	Dr. Pierre Lapaire, FLL	Sociology	Dr. John Rice, SOC
Geography	Dr. Elizabeth Hines, ERS	Spanish	Dr. Terry Mount, FLL
Geology	Dr. John Huntsman, ERS	Statistics	Dr. Dargan Frierson, MAT
German	Dr. Oliver Speck, FLL	Studio Art	Mr. Donald Furst, ART
Gerontology	Dr. Eleanor Covan, Director	Theatre	Dr. Paul Castagno, THR
History	Dr. Paul Townend, HST	Women's Studies	Dr. Susan Bullers, CRJ/SOC
Information Technology	Dr. Laurie Patterson, CSC		
International Affairs	Dr. Raymonde Kleinberg, PLS	<u>CERTIFICATES</u>	
		Geographic Information Systems	Dr. Joanne Halls, GGY
		Professional Writing	Dr. Diana Ashe, ENG
		Publishing	Dr. Barbara Brannon, CRW

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### MINOR REQUIREMENTS:

**African-American Studies** – 21 hrs: 12 hrs core courses, 9 hrs electives; 3 hrs above 299. Minimum “C” (2.00) average in minor courses. Courses to fulfill major cannot be used to fulfill minor. Core courses: AAS 130, ENG 232, HST 261, and PLS 340. Electives: COM 390, 391; CRJ 370; ENG 355; HST 371, 372, 373, 374; MUS 116, 119; PLS 330; PAR 243; SOC 325.

**American Studies** – 21 hrs: 9 hrs core courses, 12 hrs electives; 3 hrs above 299; limit 9 hours from any one dept. Minimum “C” (2.00) average in minor courses. Courses to fulfill major or another minor cannot be used to fulfill this minor. Core: ENG 223 or 224; HST 201 or 202; PAR 205 or 242. Electives: any courses not selected as core; and AMS 200; ARH 309, 310; COM 290, 450; ENG 232, 350, 351, 352, 353, 355, 384; HST 330, 331, 333, 339, 346, 347, 348, 352, 353, 354, 355, 356, 357, 358; MUS 116; PAR 351, 352; PLS 208, 272, 300, 301, 307, 309, 340, 405, 407, 415; SOC 200, 304.

**Anthropology** – 21 hrs: ANT 206, 207, 210, and 12 additional hrs at least 6 of which are above 299. ANTL 207 may be taken as an elective but is not required. In selecting the courses to fulfill the minor requirements, students are strongly encouraged to consult with the ANT faculty. Minimum “C” (2.00) average in minor courses.

**Art History** – 24 hrs: ARH 201, 202, 308; 15 ARH hrs above 299; maximum 3 hrs ARH 491 or 498 credit. Courses to fulfill major in studio art (i.e. ARH 201, 202, 308) cannot be used to fulfill this minor; 9 additional hrs of ARH courses may be chosen to fulfill minor requirements for studio art majors. Minimum “C” (2.00) average in minor courses.

**Art, Studio Art** – 21 hrs: ART 101, 102; 15 hrs of 200-400 level studio art courses from at least 2 different areas; 6 hrs above 299. No more than 3 hrs of ART 491 or 498 may be counted toward minor. Courses counted toward a major in ARH (i.e. ART 101, 102) cannot be counted toward minor; 6 additional hrs of studio art may be chosen to fulfill minor requirements for art history majors; minimum “C” (2.00) average in minor courses.

**Asian Studies** – 21 hrs: Core 12 hrs: HST 103, PAR 232, PLS 339; 3 hrs of a foreign language (either JPN 101 or transfer credit of study of another Asian language). Electives 9 hrs: GGY 181, 388; HST 360, 361, 363, 365, 366, 497; JPN 101, 102, 201, 202, 211; PAR 246, 247, 248, 370 & PLS 317. At least six credits of the total 21 must be taken at the 300-level or above. A grade of “C-” or better is required in each course and a minimum “C” (2.00) average in minor courses. Substitution may be approved for topic courses, seminars, directed individual study, field work, and/or study abroad that focus primarily on Asia.

**Biology** – 21 hrs: BIO 204, BIO 205 or 206; 2 courses selected from BIO 335, 345 or 366 (with or without laboratory); and 7 additional hours in biology at the 300-400 level, one of which must be a laboratory course. A “C” (2.00) or better average is required on courses counted towards the minor in biology.

**Chemistry** – 22 hrs: CHM 101-102; CHM and CHML 211-212 or CHM and CHML 211 and 235; and 6 additional hrs in CHM above 299. Minimum “C” (2.00) average in each Chemistry course.

**Choral Music** – (See Music, Choral)

**Classical Studies** – 18 hrs: Core: 6 hrs from ARH 201, CLA/ENG 210, PAR 201; Electives 12 hrs from LAT 102, 201, 202, 491; CLA/ENG 209, CLA 330, 345, 491; ARH 301; HST 306; PAR 141, 231, 302, 303. Minimum “C” (2.00) average in minor courses.

**Community Health** – 24 hours: HEA 105, 207, 234, 245, 301, 452 and 6 additional HEA hrs of which at least 3 hrs are at the 300 level or above. In selecting courses to fulfill the 6 elective credits, students are strongly encouraged to consult with the faculty in health education. An overall 2.00 grade point average is required in courses counted toward the minor.

**Computer Science** – 21 hrs: CSC 100, CSC 121, 133, 221, 332 and 6 additional CSC hrs at the 200 level or above, including at least 3 hrs at the 300-400 level. Minimum “C” (2.00) average in minor courses.

**Creative Writing** – 18 hrs including at least 9 hrs at the 300 level or above: 9-hr sequence writing workshop courses (CRW 207, 307, 407; CRW 208, 308, 408; or CRW 209, 309, 409); 3 hrs in forms of CRW (CRW 203, 302, 303, 304 or 306); 3 hrs literature in ENG or FLL dept; 3 hrs in CRW electives. Minimum “C” (2.00) average in minor courses.

**Digital Arts** – 24 hrs: 18 hrs. core plus 6 hrs. electives. Core 18 hours: ART 101, ART 260, CSC 112 or 121 (or other approved course), CSC 204, CSC (ART/FST) 220, COM 280. Note: ART 101 is a prerequisite for ART 260 and ART 260 should be taken before CSC 204 and CSC (ART/FST) 220. Electives: 3 hours must be above 299 level and 3 hours must be chosen from outside the student’s major department. See list of accepted electives in the catalogue. Students must earn at least a “C” (2.00 average in courses counted for a Digital Arts Minor.

**Economics** – 18 hrs: ECN 221, 222, 328 and 9 additional hrs at the 300-400 level. Minimum “C” (2.00) average in minor courses. Business majors are not eligible for a minor in economics.

**English** – 18 hrs: ENG 204 or 205, plus 15 hrs ENG classes at 200 level or above w/ 9 hrs at the 300-400 level. Minimum “C” (2.00) average in minor courses. Six hours from creative writing (CRW) can automatically apply to the major only; credit for any other courses outside the department that the student wants applied to major/minor must be petitioned for from the English Undergraduate Coordinator.

**Environmental Studies** – 24 hrs: 12 hrs core, 12 hrs electives. Core: EVS 195 and 9 additional hrs from BIO \*205, \*206, \*366; CHM \*377; EVS/GLY \*120; EVS/ECN 325, EVS/ECN 330, EVS 360, 361; EVS/BLA 362; GLY \*220; PHY \*105; PLS 209; STT 215. Electives: Students may select any of the elective courses listed in BA EVS or BS EVS. A minimum of 3 disciplines must be chosen as electives; 9 hrs above 299. A maximum of 12 credit hours counted toward a student’s major will be counted toward completion of core and/or elective minor requirements in environmental studies. Students selecting the EVS minor are strongly encouraged to meet w/ an EVS coordinator to determine a specific course of study. Minimum “C” (2.00) average in minor courses.

\* - lab courses

**European Studies** – 24 hrs: 15 hrs core, 9 hrs electives. Core (15 hrs): GGY 385; ENG 370 or 371; HST 102; HST 394, 396, 398, or 399; and a course in FRH, GER, PRT, or SPN (chosen from offerings numbered 201 or higher, excluding those taught in English and those designated Spanish American or Latin American). Electives: 9 additional credits from ARH, ENG, FRH, FST, GER, HST, MUS, PAR, PLS, SPN, THR, (see catalog for complete list) and approved Study Abroad courses taken in Europe. Minimum “C” (2.00) average in minor courses. Courses to fulfill major cannot be used to fulfill minor.

**Forensic Science** – 21 hrs: 3 hrs core, 18 hrs electives including at least one course in each of two groups. Core: ANT 211. Electives: **Group 1, Option A** – BIO 240-241, 335 w/ lab, 488; or **Option B** – CHM 380, 417. **Group 2, Social and Behavioral Sciences:** ANT 207 w/ lab, ANT 326 w/ lab, ANT 426; CRJ 220, 380, 385, 495; **Criminalistics or Law of Evidence:** EVS 362 (BLA 362), SOC 355. With coordinator approval, some 400-level courses focusing on forensics may substitute for Group 2 courses. Minimum “C” (2.00) average in minor courses.

**French** – 18 hrs: 200 level and above excluding FRH 209; 9 hrs above 299. Grade of “C-” or better required in each course counted toward minor; minimum overall “C” (2.00) average in minor courses.

**Geography** - 23 hrs: GGY 130, 140, 180 or 181, 320, and 9 additional GGY hrs, 6 of which must be above 299. Minimum “C” (2.00) average in minor courses.

**Geology** – 23-24 hrs: GLY 171, 172, 201, 310; CHM 101, and one additional GLY course of at least 3 hrs above 299. Minimum “C” (2.00) average in minor courses.

**German** – 18 hrs: 200 level and above excluding GER 209; 9 hrs above 299. Also courses taught through the UNC German Studies Consortium (see catalogue). HST 323 may be counted toward minor but is not required. Grade of “C-” or better required in each course counted toward minor; minimum overall “C” (2.00) average in minor courses.

**Gerontology** – 21 hrs: 12 hrs core: GRN 101, SOC 336, PSY 324, and HEA 325. Electives: 9 additional credits of designated gerontology courses are required to complete the minor. A “C” (2.00) or better average is required in all courses counted toward the minor. Students should contact the director for a list of current designated courses.

**History** – 24 hrs: HST 101, 102, 103, 201, 202; an additional 9 HST hrs above 299, at least 3 hrs of which must be in an area other than Europe or the United States; minimum “C” overall (2.00) average in minor courses.

**Information Technology** – 18 hrs: 12 hrs. core, 6 hrs electives at least 3 of which must be 300-level or higher. Core 12 hrs: CSC 110, 112, or 121, MIS 216 or equivalent; LIB 103; any 3-hr 200 or higher level CSC or MIS course. Electives 6 hrs: Any 200 or higher level CSC course (not used to fulfill the core requirement); ART 220 (FST 220), ART 320 (FST 320); CHM 425; COM 260; CRW 319; EDN 303, 416; ENG 204, 314, 319; FST 201, 395, 497; GGY 224, 422, 424; Any 200 or higher level MIS course; MUS 110; PAR 110, 218; SOC 303. Minimum “C” (2.00) average in minor courses.

**International Affairs** – 21 hrs: Core: PLS 220, 425. Choose 3 courses (9 hrs) from PLS 222, 422, 423, 426, 427, 495, 498. Choose one course (3 hrs) from: PLS 230, 330, 331, 332, 335, 336, 338, 339 and one course (3 hrs) from: PLS 334; HST 301, 379, 380; ECN 426; MGT 352. Minimum “C” (2.00) average in minor courses.

**Jazz Studies** – (See Music, Jazz Studies)

**Journalism** – 21 hrs: Core 9 hrs ENG 202 and 204; COM 365 or 375. Electives 12 hrs (9 above 300): 6 hrs COM electives from COM 265, 268, 280, 465; COM 365 or 375 if not taken as part of the core requirement. 6 hrs ENG electives from ENG 302, 306, 310, 311, 313, 314, 315, 322, 498. Minimum “C” (2.00) is required in all courses towards minor, minimum cumulative GPA 2.50. Other courses may be counted with approval of the program coordinator. Courses taken to fulfill the Communication Studies major may not be used to fulfill the journalism minor.

**Latin American Studies** – 21 hrs: At least one course from five of the six subject areas: ANT 304, 307, 310, 315, 317; GGY 383, 384, 386; HST 367, 368, 369, 370, 485; PLS 331, 332, 333; PRT 210, 312, 322, 422; SPN 210, 212, 304, 308, 312, 322, 412, 422. In addition, students must complete a Spanish or Portuguese course at the 300 level or higher. Minimum “C” (2.00) average in minor courses.

**Leadership Studies** – 21 hrs: Core 9 hrs LED 211, 311, and 411; 12 elective hrs from an approved list. For a list of approved electives, students should check the website for the online list. For any questions, students should contact the Leadership Studies coordinator. Minimum “C” (2.00) average in minor courses.

**Mathematics** – 20 hrs: MAT 161-162 and at least 12 hrs selected from MAT courses numbered 261 or higher, or STT 315. These hrs must include one of the following: MAT 261, 275 or 335; 6 hrs above 299. Minimum overall “C” (2.00) average in minor courses.

**Middle East Studies** – 21 hrs; core 9 hrs from: GGY 255; HST 101, 103; PAR 230, 246; and PLS 220. Electives 12 hrs: HST 305, 381, 383, 386, 387, 388, 389, 483; PAR 225, 235, 245, 255; PLS 331, 338. Up to 6 hrs of DIS and other appropriate special topics courses or seminars as offered, w/ the approval of the Middle East studies coordinators, may be included as elective. Students must select courses from at least 3 different disciplines; minimum “C+” (2.33) average in minor courses.

**Music** – 24 hrs: MUS 111, 112, MUSL 111, 112, MUS 351, 352; 3 hrs of ensemble (MUS 130, 183, 184, 185, 186, 187); 6 hrs of applied music in the major performance medium (MUS 195, 196, 197); 3 hrs music electives. Minimum overall “C” (2.00) average in minor courses. Admission to the program requires approval by the Department of Music and an audition in the major performance medium.

**Music, Choral** – 24 hours; MUS 111, MUSL 111, MUS 112, MUSL 112, MUS 114, 272, 273. Choral Ensemble Experience: minimum of 6 semesters to include some experience in both large and small ensembles. Solo Singing Study: Minimum of 2 semesters of 2 credits each (total of 4 hrs). Choral-based independent study and/or elective study of at least one hr. Minimum “C” (2.00) average in minor courses. Admission to the program requires approval by the Department of Music and an audition in the major performance medium.

**Music, Jazz Studies** – 24 hrs: MUS 111, 112, MUSL 111, 112, MUS 116, 235; 3 hrs ensemble (MUS 184); 6 hrs applied music in the major performance medium (MUS 195, 196, 197); 4 hrs electives from MUS 236, 308, 365, 372, 384, 395, 396, 397. Courses counted towards MUS major (i.e., MUS 111, 112, MUSL 111, 112) cannot be counted toward minor; 6 additional hrs of electives may be chosen to fulfill minor requirements for music majors. Minimum overall “C” (2.00) average in minor courses. Admission to the program requires approval by the Department of Music and an audition in the major performance medium.

**Native American Studies** – 18 hrs: Core 9 hrs: HST 336 or 337, ENG 356, and either ANT 304 or 305. Electives 9 hrs: ANT 215, 304 or 305, 307; HST 336 or 337, 338; PAR 350 or any appropriate special topics course or seminar as offered, with the approval of the NAS minor coordinator. Min. “C” (2.00) average in minor courses.

**Oceanography** – 21-22 hrs: Core: GLY 150, 350. Electives: Choose 3 courses from \*BIO 362, CHM 475, \*GLY 450, PHY 475; choose two courses from BIO 170; \*GGY 333, 422; GLY 420 (PHY 420); \*GLY 458. Minimum “C” (2.00) average in minor courses. \* = lab.

**Parks and Recreation** – 21 hrs: REC 265, 270, 348, 375, and 9 additional credits at the 300-400 level. In selecting courses to fulfill the 9 elective credits, students are strongly encouraged to consult with the faculty in parks and recreation management. Students must achieve a 2.00 cumulative grade point average for all courses required for the minor.

**Philosophy** – 21 hrs: PAR 101, 110, 115, and 201 or 202; an additional 9 hrs in Philosophy courses above 299. Minimum overall “C” (2.00) average in minor courses.

**Physics** – 18 hrs: PHY 201-202, 335 and 6 additional PHY hrs not to include PHY 101, 102, or 105; 3 hrs above 299. A grade of “C” or better is required in each physics course counted toward the minor.

**Political Science** – 24 hrs: 12 hrs above 299. PLS 101; at least one course in American government and politics (PLS 300, 301, 302, 303, 304, 305, 307, 308, 309, 316, 340, 405, 406); at least one course in political theory and methodology (PLS 310, 312, 314, 315, 415); at least one course in international relations (PLS 422, 423, 425, 426, 427); at least once course in comparative government and politics (PLS 330, 331, 332, 333, 334, 335, 336, 338, 339). Minimum “C” (2.00) average in minor courses.

**Postcolonial Studies** – 21 hrs: 9 hrs Colonies and Nations – ENG 341; HST 103 or 316; PLS 331. 6 hrs Global Contexts – ANT 250; CRJ 420; ENG 343; HST 380; PLS 111; GGY 180 or 181. 6 hrs electives – ANT 215, 304, 305, 317; ENG 356; FLL 205; FRH 318, 412; GGY 210, 255, 340, 350, 383 and 384, 385, 386; HEA 320; HST 315, 336, 337, 366, 367, 368, 370, 371, 372, 373, 374, 375, 381, 396, 481, 483, 485, 487; PAR 230, 232, 233, 244, 246, 247; PLS 220, 222, 317, 330, 332, 333, 338, 339; SOC 366; SPN 212, 312, 412. Minimum “C” (2.00) average in minor courses.

**Psychology** – 18 hrs: PSY 105 w/ “C” or better; 6 hrs from PSY 220, 221, 223, 320, 322, 324, 366 and 6 hrs from PSY 346, 347, 350, 352, 365. Any 400-level course can be substituted for any courses in either of these two categories. In addition, 3 hrs from PSY 210, 245, 265, or any PSY course above 299. Minimum overall “C” (2.00) average in minor courses; no more than one course w/ grade of “D” can count toward minor.

**Public Administration** – 24 hrs: Required courses (12 hrs): PLS 101, 201, 308, 498. Choose two courses (6 hrs) from PLS 202, 206, 207, 209, 217, 304, 309, 329 and 2 courses (6 hrs) from COM 223, CRJ 405, ECN 328, EVS 360, HST 470, PSY 336, REC 366, SOC 340. Minimum “C” (2.00) average in minor courses.

**Religion** – 21 hrs: PAR 103, 125, 230, 232; an additional 9 hrs in Religion courses above 299. Minimum “C” (2.00) average in minor courses.

**Science, Humanities & Society** – 21 hrs: Core 9 hrs: SHS 210, HST 275, and PAR 345. Electives: 12 hrs of designated SHS courses; 6 hrs must be from a single dept, the other 6 hrs must be from two other dept; 6 of the 12 elective hrs must be above 299. Students should contact the coordinator in the HST dept for a list of current designated courses. Minimum “C” (2.00) average in minor courses.

**Sociology** – 21 hrs: SOC 105 and 18 additional SOC hrs; maximum 6 hrs below the 300 level including SOC 105. Minimum overall “C” (2.00) average in minor courses.

**Spanish** – 21 hrs: 200 level and above excluding SPN 209, 210, 211, and 212; 9 hrs above 299. Grade of “C-” or better required in each course counted toward minor; minimum overall “C” (2.00) average in minor courses.

**Statistics** – 18 hrs in STT; STT 215, STT 305 and at least 12 additional STT hrs above 299. Minimum “C” (2.00) average in minor courses.

**Studio Art – (See Art, Studio)**

**Theatre** – 18 hrs: THR 110; 165; 130 or 230; choose either THR 201 or 207 or sequence of THR 241, 242, 243; THR 321, or 322; 3 hrs in theatre above 295 level. A “C” (2.00) is required in each minor course.

**Women’s Studies** – 18 hrs: Core: WMS 210 and 6 hours from ANT 303; ENG 230; HST 237; PAR 225; SOC 350. Electives: 9 hrs from CLA 330; CRJ 315; ENG 373; HEA 205; HST 330, 383; PLS 316; PSY 265, 366; SOC 345, 349, 418; SWK 311, 417; WMS 491, 495, 498. Other courses may satisfy the elective requirements if approved by the coordinator. No more than 9 hrs in a single discipline may be counted toward the minor. Courses to fulfill major cannot be used to fulfill minor; minimum “C” (2.00) average in minor courses.

### **CERTIFICATE REQUIREMENTS:**

**Geographic Information Systems (GISci certification)** – 17 hrs: GGY 222, 320, 328, 422, and either GGY 424 or 426. An overall average of “C” (2.00) or better is required among courses taken for the certification.

**Professional Writing Certificate** – 21 hrs: Core: ENG 204, 310, \*498; At least one of the following: ENG 303, 316, 388, 389; three additional writing courses. Approved writing courses in other departments may also be counted toward the 21 hrs. \*To be eligible for the internship you must have at least a 3.0 in your major.

**Publishing** – CRW majors only. 10 hrs: CRW 321, 322, 323; either CRW 324 or 460.