
2009-2010 ACADEMIC MINORS and CERTIFICATES

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

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: AFN 130, ENG 232, HST 261, and PLS 340. Electives: COM 390, 391; CRM 370; ENG 355; HST 371, 372, 373, 374; MUS 116, 119; PLS 330; PAR 377; 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 or 104, PAR 232, PLS 317 or 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 103 or 104, 360, 361, 363, 365, 366, 497; JPN 101, 102, 201, 202, 211; PAR 370, 371, 372, 375 and PLS 317, 339. 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 201, BIO 202; 2 courses selected from BIO 335, or 366 and one from 325 or 340 or 345 (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 at 300-400 level. Minimum “C” (2.00) average in each Chemistry course and an overall average of “C” (2.00) in all chemistry courses.

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 hours of which at least 3 hours 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, 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. An overall quality point average of “C” (2.00) or better is required for all courses counted toward the minor.

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 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 courses plus 6 hrs. of electives. At least 3 elective hours must be at the 300 level or above, and at least 3 elective hours must be chosen from outside a student’s major department. Core courses: ART 101, ART 260, CSC 112 or 121 (or other approved course), CSC 204, 220 (ART 220) (FST 220), COM 280 or FST 201. ART 101 is a prerequisite for ART 260. ART 260 should be taken before CSC 204 and before CSC 220 (ART 220) (FST 220). Electives: CSC 255, 320, 370, 421, 430 (FST 430), 475, 491; ART 280, 311, 312, 320, 339, 341, 343, 360, 411, 412, 475, 491, 495; COM 160, 211, 260, 365, 380, 385, 460, 480, 485,

489, 491; CRW 210; FST 220, 301, 302, 318, 320, 330, 331, 332, 333, 368, 392, 393, 394, 397, 398, 430 (CSC 430) 495, 497; MUS 110, 210, 310, 491; THR 211, 305, 411. 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. 18 hrs. (including 9 hrs. of core courses and 9 hrs. of electives) with a minimum overall quality point average of 2.00 in courses counted for the minor. Business majors are not eligible for a minor in economics. Core courses: ECN 221, 222, and 328. Electives: Nine hours of any economics courses numbered above 299 for which one has the necessary prerequisite. Elective courses used to fulfill the requirements for the economics minor may not additionally be used to satisfy the requirements for other majors.

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 and/or minor.

English As a Second Language (ESL) – 18 hrs: EDN 265, 316, 417, 418; ENG 320* and 321. Application required for students not working towards teacher licensure. *Students who have received a grade of “B” in both SPN 307 and 308 may substitute these classes for ENG 320. Add-on licensure for WSE students.

Environmental Studies – 24 hrs: 12 hrs core, 12 hrs electives. Core: EVS 195, EVSL 195 and 8 additional hrs from BIO *366; CHM *377; EVS/ECN 325, EVS/ECN 330, EVS 360, 361, 364. Electives: Students may select any EVS numbered courses not used in the core requirements. A minimum of 3 disciplines must be chosen as electives; 9 hrs must be at the 300-400 level. A maximum of 12 credit hours counted toward a student’s major in another department 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 overall quality point average of “C” (2.00) average in courses counted toward the minor.

* - 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; CRM 255 (SOC 255), 320, 380, 381, 385, 495; **Criminalistics or Law of Evidence:** EVS 362 (BLA 362). 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. at the 200 level and above, excluding FRH 209. Of these, at least 9 hours must be at the 300 level or higher. A grade of “C-“ or better is required in each course counted toward the minor and a “C” (2.00) average or better for all courses counted towards the minor.

Geography - 22 hrs: GGY 130, 140, 180 or 181, 220, 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. at the 200 level and above, excluding GER 209. Of these, at least 9 hours must be at the 300 level or higher and may include GER 495 courses taught through the UNC German Studies Consortium (See page 106 of this catalogue). HST 323 may be counted toward the minor, but is not required. A grade of “C-“ or better is required in each course counted toward the minor and a “C” (2.00) average or better for all courses counted towards the minor.

Gerontology – 21 hrs: 15 hrs core: GRN 101, 440; SOC 336; PSY 324, and HEA 325. Electives: 6 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, 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. Minor not available for students majoring in computer science.

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 and Islamic Studies – 21 hrs; core 9 hrs from: GGY 255; HST 101, 103, 104; PAR 230, 375; and PLS 220. Electives 12 hrs: HST 305, 381, 382, 383, 386, 387, 388, 389, 483; PAR 225, 235, 255, 376; 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 Management: 21 hours. 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, 313, 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 104 or 316; PLS 331. 6 hrs Global Contexts – ANT 250; CRM 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, 372, 375, 378; 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.

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, CRM 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 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. at the 200 level and above, excluding SPN 209, 210, 211, and 212. Of these, at least 9 hours must be at the 300 level or higher. A grade of “C”- or better is required in each course counted toward the minor and a “C” (2.00) average or better for all courses counted towards the minor.

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 – 19 hrs: THR 110 and 165; THR 130 or 230; THR 241, 242, or 243; THR 321 or 322; THR 305, 306, 308 or 310; and 3 hours of theatre courses at the 295-400 level. A “C” (2.00) is required in each course counted toward the minor.

Women’s Studies – 18 hrs: Core: WMS 210 and 6 hours from ANT 303; ENG 230; HST 237; PAR 225; SOC 350; WMS 212, 230 (FLL/FST 230). Electives: 9 hrs from CLA 330; CRM 315; ENG 373; HEA 205; HST 330, 383; PLS 316; PSY 265, 366; SOC 345, 349, 418; SWK 311, 417; WMS 212, 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. Minimum “C” (2.00) average in minor courses.

CERTIFICATE REQUIREMENTS:

Geographic Information Systems (GISci certification) – 16 hrs: GGY 220, 222, 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: ENG 204, 3 hrs. from ENG 309 or 310, 3 hrs. from ENG 314 or 319, ENG 498, and 3 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. For complete list of eligible writing courses, visit <http://www.uncw.edu/english/undergraduate/certificate.html> .

Publishing – CRW majors only. 12 hrs: CRW 321, 322, 323; either CRW 324 or 460.