(Revised 11-4-04)

University Curriculum Committee

14 October 2004 Meeting Minutes

Members present:

Guest present:
D. Coltraine

Members excused:
C. Estes, D. Long, A. Juska

Approved without dissent the minutes of the 23 September 2004 meeting.

Linda Wolfe, Chair of the Anthropology Department, and Randy Gilliland, Academic Advisor, spoke in favor of the proposal from the Harriot College of Arts & Sciences for a new interdisciplinary minor: Indigenous Peoples of the Americas. Their package includes the following items:

- Memo
- Marked Catalog copy
- Final Catalog copy
- IPAM: Indigenous Peoples of the Americas Seminar
- Approval letters

After lengthy discussion, Mitchelson moved for approval, with a second by Arnold. Motion passed without dissent.

Professors Ronnie Smith and Karl Abrahamson from the Department of Computer Science spoke on behalf of their proposal. Their package, as explained in their memo, includes these requests:

a) The following new courses:
   - CSCI 2300: Computer Science Survey
   - CSCI 2310, 2311: Algorithmic Problem Solving and Programming Laboratory
   - CSCI 3300: Introduction to Algorithms and Data Structures
   - CSCI 3310: Advanced Data Structures and Data Abstraction

b) Bank CSCI 1610.

c) Changes in the Computer Science BA, BS, and minor to reflect the use of the above courses as the core requirement for these degree programs. See the marked and final catalog for details.

d) Numerous prerequisite changes in upper-level courses to reflect the new courses above, all explained in the catalog copy.

After discussion, Kean moved for approval, with a second by Smith. Motion approved without dissent.

Professors Mary Farwell and Tom Feldbush from the Department of Biology spoke in favor of their new course,
BIOL 4150: Pestilence, Politics and Conquest.

After discussion and suggested changes by the committee, Mitchelson moved for approval, with a second by Graziani. Motion passed without dissent.

5) Chair Rick Ericson and Professor Paul Bin from the Department of Economics spoke on behalf of their proposed changes to their BS in Economics degree. The discussion led to the committee asking them to go back and clarify the required electives. Motion tabled.

6) Professors Dale Knickerbocker and Elena Murenima of the Department of Foreign Languages and Literatures spoke in favor of changes to their Russian program, as explained in their memo:

- **RUSS 3220 Nineteenth Century Russian Literature in Translation** (renumbered from 2220)
- **RUSS 3221 Twentieth Century Russian Literature in Translation** (renumbered from 2221)
- **RUSS 3230 Russian and Soviet Film** (new course)
- **RUSS 3700 Special Topics in Russian Studies** (new course)

These courses create one required change in the Great Books Minor and the International Studies Minor, as illustrated in the marked and final catalog copy.

After some discussion, Mitchelson moved for approval, with a second by Smith. Motion passed without dissent.

7) Meeting adjourned at 3:20 pm.

Minutes submitted by T. D. Hudson

GREAT BOOKS

*John A. Stevens, Director, 3314 Bate Building*

The minor in great books requires a minimum of **24 s.h.** and is an interdisciplinary program housed within the Thomas Harriot College of Arts and Sciences consisting of seminars on themes in the humanities, natural and social sciences and the arts. The purpose of the great books seminar is to introduce students to a Socratic way of learning through dialogue. Students read original works analytically and advance positions which are put to the test by their colleagues and the instructor. The instructor acts to introduce and guide discussion, but more as a moderator than as a lecturer. Knowledge does not pass only from teacher to student through lecture; it is discovered together through dialogue. Requirements include a minimum of 9 s.h. of courses above the 2999 level. A maximum of 6 s.h. may be used to satisfy general education requirements and requirements for the great books minor. A course may not count toward the student’s major and the great books minor. A major option is available through the BA/BS in Multidisciplinary Studies. See director for more details.
1. Core

9 s.h.

Choose 3 of the following:

GRBK 2000. Introduction to the Great Books (3) (GE:HU) (F)
GRBK 3001. Great Books of Science (3)
GRBK 4000. Seminar in the Great Books (3) (GE:HU) (S) (P: GRBK 2000 or consent of instructor)
GRBK 4999. Thesis in the Great Books (3) (F,S) (P: 15 s.h. of GRBK core and electives, including GRBK 2000, GRBK 4000 or consent of the director)

2. Electives

15 s.h.

GRBK 2000, 3001, and 4000 may be repeated once each as electives with a change of topic. Other electives to complete 24 s.h. are drawn from the following:

CLAS 2000. Introduction to Classics (Humanities) (3) (GE:HU)
CLAS 2220. Great Works of Ancient Literature I: Greece (3) (GE:HU)
CLAS 2230. Great Works of Ancient Literature II: Rome (3) (GE:HU)
CLAS 2500. Greek Tragedy in Translation (3) (GE:HU)
CLAS 4000. Seminar in Classics (3)
CLAS 4521, 4522, 4523. Directed Readings in Classics in Translation (1,2,3) (GE:HU)
ENGL 2100. Major British Writers (3) (WI) (F, S, SS) (GE:HU) (P: ENGL 1200)
ENGL 2200. Major American Writers (3) (WI) (F, S, SS) (GE:HU) (P: ENGL 1200)
ENGL 3600. Classics from Homer to Dante (3) (WI) (F) (GE:HU) (P: ENGL 1200)
ENGL 3610. Human Values in Literature (3) (WI) (F-EY) (GE:HU) (P: ENGL 1200)
ENGL 4010. Medieval Literature (3) (WI) (S-OY) (GE:HU) (P: ENGL 1200)
ENGL 4020. Chaucer (3) (WI) (F-OY) (GE:HU) (P: ENGL 1200)
ENGL 4030. Milton (3) (WI) (S-EY) (GE:HU) (P: ENGL 1200)
ENGL 4070. Shakespeare: The Histories (3) (WI) (F-EY) (GE:HU) (P: ENGL 1200)
ENGL 4080. Shakespeare: The Comedies (3) (WI) (F, S, SS) (GE:HU) (P: ENGL 1200)
ENGL 4090. Shakespeare: The Tragedies (3) (WI) (F, S, SS) (GE:HU) (P: ENGL 1200)
FORL 2620. French Literature in Translation (3) (GE:HU)
FORL 2660. Spanish Literature in Translation (3) (GE:HU)
FORL 2665. Don Quixote (3) (WI) (GE:HU)
FORL 2680. German Literature in Translation (3) (GE:HU)
GRBK 2000. Introduction to Great Books (3) (GE:HU) (F)
GRBK 3001. Great Books of Science (3)
GRBK 4000. Seminar in Great Books (3) (GE:HU) (S) (P: GRBK 2000 or consent of instructor)
HIST 3405. History of Ancient Greece (3) (GE: SO)
HIST3410. History of Ancient Rome (3) (F) (GE: SO)
ITAL 2220. Italian Literature in Translation (3) (S) (GE:HU)
MRST 2000. Introduction to Medieval and Renaissance Studies (3) (GE:HU)
PHIL 1110. Introduction to Philosophy (3) (WI*) (F, S, SS) (GE:HU)
PHIL 1311. Great Philosophers from Antiquity to the Present (3) (GE:HU)
PHIL 33132310 Ancient Philosophy (3) (GE:HU)
PHIL 33212320 Medieval and Renaissance Philosophy (3) (GE:HU)
PHIL 33312330 Modern Philosophy (3) (GE:HU) (P: 3 s.h. in PHIL or consent of instructor)
PHIL 3350 Great Philosopher (3) (S) (GE:HU) (P: 3 s.h. in PHIL or consent of instructor)
POLS 4371 Western Political Thought I: Moses to Montesquieu (3)
PSYC 4280 History of Psychology (3) (WI)

RUSS 2220 Russian Prose of the Nineteenth Century in Translation (3) (GE:HU)
RUSS 3220 Nineteenth Century Russian Literature in Translation (3) (GE:HU) (P: RUSS 2120; or permission of instructor)

Other courses as approved by the Great Books Executive Committee

INDIGENOUS PEOPLES OF THE AMERICAS

Linda Wolfe, Director, Brewster A-215
Randy Gilland, Academic Advisor, Minges Coliseum A11

The minor in the indigenous peoples of the Americas (that is, North, Central and South American and the Caribbean region) requires a minimum of 24 s.h. and is housed within the Thomas Harriot College of Arts and Sciences. Courses are to be drawn from three disciplines and no more than 12 s.h. can be taken in any one discipline. It consists of courses in Anthropology, Art, English, Geography, History, and Music. The common theme of these courses and this interdisciplinary minor is the lifeways, history, art, literature, and music of the natives of the Americas. Students are encouraged to take prerequisites as part of their general education requirements wherever possible. Prerequisites may also be waived at the discretion of the instructor. Students may choose a maximum of 3 s.h. of independent studies in a relevant discipline and a maximum of 3 s.h. of Special Topics courses in a relevant discipline. The minor is not open to anthropology majors.

1. Core.................................................................................................................................3 s.h.

IPAM 4000 Indigenous Peoples of the Americas Seminar (3) (P: consent of instructor).

2. Electives..............................................................................................................................21 s.h.

https://author.ecu.edu/cs-acad/fsodine/cu/cu10_041.cfm
Choose 21 s.h. from three of the following disciplines; maximum of 12 s.h. from any discipline:

**ANTH 3005 North American Indians (3) (EY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor.)**

**ANTH 3016 Cultures of the Caribbean (3) (S) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor.)**

**ANTH 3017 Cultures of Mexico and Guatemala (3) (OY) (P: ANTH 1000 or 2010 or 2200 or consent of instructor.)**

**ANTH 3018 Cultures of South and Central America (3) (EY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor.)**

**ANTH 3111 North American Archaeology (3) (OY) (GE:SO) (P: ANTH 1000 or 2000 or consent of instructor.)**

**ANTH 3115 Caribbean Archaeology (3) (F) (P: ANTH 2000 or consent of instructor.)**

**ANTH 5005 Contemporary Latin American Cultures (3)**

**ANTH 5120 Archaeology of the Southeastern US (3) (P: ANTH 2000 or consent of instructor.)**

**ART 3960 Art and Power in Mesoamerica (3) (WI) (F,S) (P: ART 1906, 1907.)**

**ART 3961 Native North American Art and Ritual (3) (S) (P: ART 1906, 1907.)**

**ENGL 3250 Native American Literature (3) (WI) (S) (GE:HU) (P: ENGL 1200.)**

**ENGL 3270. The Frontier in American Literature (3) (WI) (F-OY) (GE:HU) (P: ENGL 1200.)**

**GEOG 3049 Latin America (3) (WI*) (GE:SO)**

**HIST 3170 History of Native Americans (3)**

**HIST 3780 Mexico and Central America (3) (WI*) (F) (GE:SO).**

**HIST 5130 Comparative History of New World Slavery and Race Relations (3) (WI*)**

**HIST 5765 Latin America, 1492 to the Present (3) (WI*)**

**MUSC 2248 Music of the World’s Peoples (2) (F,S,SS) (GE:FA)**

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**INTERNATIONAL STUDIES**

*Daniel S. Masters, Director, A-131 Brewster Building*

The international studies minor program is designed to provide a central core of study along with a world region or academic topic and is available to students in any undergraduate division of the university. The minor will provide insight into social, political, cultural, and economic areas of international importance in our increasingly globalized society. The minor program, coordinated through the Thomas Harriot College of Arts and Sciences requires 24 s.h. credit and can be earned with or without participation in either overseas opportunities or language training, although both are encouraged. Courses must be approved by the coordinator. No course credit counted toward a student’s major may be used to fulfill the requirements of the program.

1. Core

   .......................................................................................................................................................................................... 9 s.h.

   **INTL 1000. Introduction to International Studies (3) (F,SS) (GE:SO)**
Choose two from the following; maximum of one from any discipline:

**ANTH 2005. Environmental Anthropology (3) (S) (GE:SO)**
**ECON 3353. Development Economics (3) (GE:SO) ((P: ECON 2133)**
**GEOG 3003. Political Geography (3) (WI) (S) (GE:SO)**
**HIST 1030. World Civilizations to 1500 (3) (WI*) (F,S,SS) (GE:SO)**
**HIST 1031. World Civilizations Since 1500 (3) (WI*) (F,S,SS) (GE:SO)**
**PHIL 2690. World Religions (3) (F,S) (GE:HU)**
**POLS 2010. Introduction to Comparative Government and Politics (3) (WI) (F,S,SS) (GE:SO)**
**POLS 2020. Introduction to International Relations (3) (F,S,SS) (GE:SO)**

2. Concentration (Choose one.)

........................................................................................................................................12 s.h.

**African Studies:**

Choose a minimum of 6 s.h. from:

**ANTH 3003. Cultures of Africa (3) (OY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)**
**GEOG 3050. Africa (3) (S) (GE:SO)**
**HIST 3810. History of Africa (3) (WI*) (GE:SO)**
**POLS 3265. African Political Systems (3) (S) (GE:SO)**

Choose an additional 6 s.h. from the remaining courses above or from the following or from a combination of the two.

**ANTH 2010. Societies Around the World (3) (F,S,SS) (GE:SO)**
**ANTH 4054. Anthropology of Religion (3) (OY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)**
**ECON 3353. Economics of Underdeveloped Countries (3) (GE:SO) (P: ECON 2133)**
**ENGL 3750. Introductory Linguistics (3) (S) (GE:HU) (P: ENGL 1200)**
**FORL 2624. Francophone Literature of Africa in Translation (3) (GE:HU)**
**FREN 2443. Readings in the Francophone Cultures of Africa (3) (GE:HU) (P: FREN 1004)**
**FREN 3558. The Francophone World: Colonization to Independence (3) (P: FREN 3500 or consent of dept chair)**
**FREN 3560. The Contemporary French and Francophone World (3) (P: FREN 3500 or consent of dept chair)**
**GEOG 2110. World Geography: Less Developed Regions (3) (F,S,SS) (GE:SO)**
**HIST 5300. Comparative History of Non-Western Civilizations (3) (WI*)**

**Asian Studies:**

Choose four from:

**ANTH 3002. Cultures of East Asia (3) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)**
**ANTH 3004. Cultures of the South Pacific (3) (EY) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)**
ANTH 3009. Motherhood of God in Asian Traditions (3) (EY) (GE:SO)
GEOG 3051. Asia (3) (S) (GE:SO)
HIST 3610. History of East Asia to 1600 (3) (GE:SO)
HIST 3611. History of East Asia Since 1600 (3) (GE:SO)
HIST 5300. Comparative History of Non-Western Civilizations (3) (WI*)
HIST 5680. Diplomatic History of Modern Asia (3)
INTL 2003. Introduction to Chinese Culture (3) (GE:HU) (P: ENGL 1200)
INTL 2004. Introduction to Japanese Culture (3)

European Studies:

Choose one from:

Group I - Fine Arts, Literature, Music, and Philosophy

ART 1907. Art History Survey (3) (F,S) (GE:FA) (P: ART 1905 or 1910)
ART 2900. History of Prints and Drawings (3) (F) (P: ART 1906, 1907)
CLAS/ENGL 3460. Classical Mythology (3) (GE:HU) (P: ENGL 1200)
ENGL 3330. Early Twentieth Century Drama (3) (WI) (F-EY) (GE:HU) (P: ENGL 1200)
ENGL 3340. Contemporary Drama (3) (WI) (F-OY) (GE:HU) (P: ENGL 1200)
ENGL 3450. Northern European Mythology (3) (WI) (F,S-OY) (GE:HU) (P: ENGL 1200)
ENGL 3600. Classics from Homer to Dante (3) (WI) (F) (GE:HU) (P: ENGL 1200)
FORL 2620. French Literature in Translation (3) (GE:HU)
FORL 2660. Spanish Literature in Translation (3) (GE:HU)
FORL 2680. German Literature in Translation (3) (GE:HU)
FREN 2440. Readings in the Culture of France I (3) (GE:HU) (P: FREN 1004)
FREN 2441. Readings in the Culture of France II (3) (GE:HU) (P: FREN 1004)
GERM 2420. Culture of the German-Speaking World I (3) (GE:HU) (P: GERM 1004 or consent of dept chair)
GERM 2421. Culture of the German-Speaking World II (3) (GE:HU) (P: GERM 1004 or consent of dept chair)
INTL 2100, 2101. Arts and Sciences Abroad: Humanities (3,6) (GE:HU)
INTL 2200, 2201. Arts and Sciences Abroad: Arts (3,6) (GE:FA)
MUSC 1406 (S), 2406 (F), 2416 (S). Music History and Literature (2,2,2) (WI)
PHIL 3331. Modern Philosophy (3) (F,S) (GE:HU) (P: 3 s.h. in PHIL or consent of instructor)
PHIL 2453. Existentialism/Phenomenology (3) (F,S) (GE:HU)

RUSS 2220. Russian Prose of the Nineteenth Century in Translation (3) (GE:HU)
RUSS 3220 Nineteenth Century Russian Literature in Translation (3) (GE:HU) (P: RUSS 2120; or permission of instructor)
RUSS 2221. Russian Prose of the Twentieth Century in Translation (3) (GE:HU)
RUSS 3221 Twentieth Century Russian Literature in Translation (3) (GE:HU) (P: RUSS
2120; or permission of instructor)
SPAN 2440. Spanish Culture and Civilization (3) (WI*) (P: SPAN 2222 or 2330 or consent of dept chair)
Group II - Geography and Political Science
GEOG 3047. Western Europe (3) (S) (GE:SO)
INTL 2400, 2401. Arts and Sciences Abroad: Social Sciences (3,6) (SS) (GE:SO)
POLS 3234. West European Political Systems (3) (F) (GE:SO)
POLS 3235. East European Political Systems (3) (S) (GE:SO)
POLS 4371. Western Political Thought I: Moses to Montesquieu (3) (RP: POLS 2070)
POLS 4373. Western Political Thought II: Rousseau to Camus (3) (F) (RP: POLS 2070)
Group III - History:
HIST 3420. Early Modern Europe to 1648 (3) (GE:SO)
HIST 3430. History of Europe, 1815-1914 (3) (GE:SO)
HIST 3435. History of Europe Since 1914 (3) (GE:SO)
HIST 5310. Intellectual History of Europe (3)
HIST 5670. A Diplomatic History of Europe, 1815 to the Present (3)
INTL 2400, 2401. Arts and Sciences Abroad: Social Sciences (3,6) (SS) (GE:SO)

Group IV - Choose one additional course from Groups I, II, III, or any subject-related course with prior approval
of international studies coordinator:

Latin-American Studies:
Choose four from:
ANTH 3016. Cultures of the Caribbean (3) (S) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ANTH 3017. Cultures of Mexico and Guatemala (3) (OY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ANTH 3018. Cultures of South and Central America (3) (EY) (GE:SO) (P: ANTH 1000 or 2010 or 2200 or consent of instructor)
ECON 3353. Development Economics (3) (GE:SO) (P: ECON 2133)
FORL 2661. Latin-American Literature in Translation (3) (GE:HU)
FORL 2666. Latino Texts (3) (GE:HU)
GEOG 2110. World Geography: Less Developed Regions (3) (F,S,SS) (GE:SO)
GEOG 3049. Latin America (3) (WI*) (GE:SO)
GEOG 3056. Middle America (3) (GE:SO)
HIST 3710. Introduction to Latin-American History: Colonial Period (3) (WI*) (GE:SO)
HIST 3711. Introduction to Latin-American History: Since 1808 (3) (WI*) (GE:SO)
HIST 3780. Mexico and Central America (3) (WI*) (GE:SO)
HIST 5765. Latin America: 1492 to the Present (3) (WI*)
INTL 3010. Field Study in Latin America (6) (P: Consent of instructor)
POLS 3270. Latin-American Political Systems (3) (S)
SPAN 1220. Conversational Spanish Practiced in a Spanish-Speaking Country (3) (P: Consent of dept chair)
SPAN 1440. Hispanic Culture Experienced in a Spanish-Speaking Country (2)
SPAN 2222. Intermediate Spanish Conversation (3) (P: SPAN 1004 or consent of dept chair) or SPAN 3220.
Advanced Oral Communication Through Multimedia (3) (P: SPAN 2222 or consent of dept chair)
SPAN 2441. Latin-American Culture and Civilization (3) (P: SPAN 2222 or 2330 or consent of dept chair)
SPAN 4560. Major Latin-American Authors (3) (GE:HU) (P: SPAN 2441, 2550; or consent of dept chair)
SPAN 4561. Latin-American Texts of the Pre-Columbian and Colonial Periods (3) (GE:HU) (P: SPAN 2441, 2550;
or consent of dept chair; RP: SPAN 4560)
SPAN 4563. Latin-American Texts: The Boom and Beyond (3) (GE:HU) (P: SPAN 2441, 2550; or consent of dept chair; RP: SPAN 4560)

Specialized Concentration:

With the advice and written approval of the coordinator and the coordinating committee of the international
studies minor, a student may develop a topical course of studies (totaling 12 s.h.) around a specific theme in
international studies. The following examples are suggestive of possible themes: international environmental
problems, global communications, human rights issues, peace and world order studies, international trade/
technology, population/demographic issues, international art, comparative religions, comparative literatures,
comparative gender relations, language, and civilization.

3. Senior Seminar

INTL 5000. Senior Seminar in International Studies (3) (P: Consent of instructor)

Insert on pp. 391 – 392 of 2004 – 2005 catalog

INTL: INTERNATIONAL STUDIES

1000. Introduction to International Studies (3) (F, SS) (GE:SO) Global perspective of major social, economic,
geographical, political, and cultural issues affecting men and women. Introduction to INTL minor concentration areas.


**2100, 2101. Arts and Sciences Abroad: Humanities (3,6) (GE:HU)** 2100 for 3 s.h.: Minimum of 4 weeks abroad during summer; 42 classroom hours (including field trips). 2101 for 6 s.h.: Minimum of 13 weeks abroad during spring and/or fall, 6 s.h.; 84 classroom hours (including field trips). On-site exploration of particular culture and its literary and/or philosophical contributions.

**2200, 2201. Arts and Sciences Abroad: Arts (3,6) (GE:FA)** 2200 for 3 s.h.: Minimum of 4 weeks abroad during summer; 42 classroom hours (including field trips). 2201 for 6 s.h.: Minimum of 13 weeks abroad during spring and/or fall; 84 classroom hours (including field trips). On-site exploration of fine arts produced by particular foreign culture.

**2300, 2301. Arts and Sciences Abroad: Science (3,6) (GE:SC)** 2300 for 3 s.h.: Minimum of 4 weeks abroad during summer; 42 classroom hours (including field trips). 2301 for 6 s.h.: Minimum of 13 weeks abroad during spring and/or fall; 84 classroom hours (including field trips). On-site scientific field studies. Specific topics in biology, chemistry, geology, physics, and/or science education.

**2400, 2401. Arts and Sciences Abroad: Social Sciences (3,6) (SS) (GE:SO)** 2400 for 3 s.h.: Minimum of 4 weeks abroad during summer; 42 classroom hours (including field trips). 2401 for 6 s.h.: Minimum of 13 weeks abroad during spring and/or fall, 6 s.h.; 84 classroom hours (including field trips). On-site exploration of history, geography, political science, psychology, sociology, anthropology, and/or economics of particular region.

**3010. Field Study in Latin America (6)** P: Consent of instructor. Work under supervision of ECU faculty member

approved by Latin-American Studies Committee.

**3852. Cultural Environment of International Business (3) Same as MKTG 3852** P: Junior standing; 3 s.h. in ECON. Cross-cultural differences in international relations and business management. Study of strategies/tactics to overcome cultural barriers to international trade, investment, and human relationships.

**5000. Senior Seminar in International Studies (3) (S)** P: Consent of instructor or graduate standing. Diverse contemporary international issues. Topics determined by instructor may include ethical/normative perspectives in world community; demographic trends of population, food, and health; energy policies; environmental hazards such as climate and pollution; economic development; selected regional conflicts; and initiatives in transnational cooperation.

**IPAM: INDIGENOUS PEOPLES OF THE AMERICAS**

**IPAM 4000. Indigenous Peoples of the Americas Seminar (3)** P: Consent of instructor. An interdisciplinary capstone course required for minors in Indigenous Peoples of the Americas. Advanced students explore selected aspects of the land, culture, arts, prehistory and history of the indigenous peoples of North, Central and South America.
ITAL: ITALIAN

1001. Italian Level I (3) Lab work. May not count toward foreign language requirement. First of two-course sequence. Intensive training in basic skills of understanding, speaking, reading, and writing Italian. Focus on life and culture of Italy.

1002. Italian Level II (3) Lab work. May not count toward foreign language requirement. P: ITAL 1001. Second of two-course sequence. Further intensive training in basic skills of understanding, speaking, reading, and writing Italian. Focus on life and culture of Italy.

1003. Intermediate Italian I (3) Lab work. P: ITAL 1002 or equivalent. Emphasis on Italian reading ability, civilization, and Italy’s most important writers.

1004. Intermediate Italian II (3) Lab work. P: ITAL 1003 or equivalent. Emphasis on improving reading ability in Italian and acquainting students with Italian civilization and its most important writers.

2220. Italian Literature in Translation (3) (S) (GE:HU) May not be used to satisfy a language requirement. Selected works in Italian literature.

ITAL Banked Courses

1040. Conversational Italian Practiced in Italy (3) 1050. Introduction to Italian Lyric Literature (3)

Insert on pp. 443 – 444 of 2004 – 2005 Catalog

RUSS: RUSSIAN

1001. Russian Level I (3) Lab work. P: No previous study of Russian or placement in RUSS 1001 by Russian placement test. First of four-course sequence. Intensive training in basic skills of writing, reading, speaking, and understanding Russian.

1002. Russian Level II (3) Lab work. P: RUSS 1001 or placement in 1002 by Russian placement test. Second of four-course sequence. Further intensive training in basic skills of Russian language.

1003. Russian Level III (3) P: RUSS 1002 or placement in 1003 by Russian placement test. Third of four-course sequence. All language skills strengthened. Introduction to texts which enhance study of Russian in cultural context.

1004. Russian Level IV (3) P: RUSS 1003 or placement in 1004 by Russian placement test. Fourth of four-course sequence. Emphasis on speaking and understanding written and spoken Russian.

2120. Introduction to Russian Culture (3) (GE:HU) Taught in English. No knowledge of Russian required. May not count toward foreign language requirement. Introduces most significant achievements of Russian culture in their socio-historical context through study and discussion of important literary texts and other cultural elements.
2220. Nineteenth Century Russian Literature in Translation (3) (GE:HU) Taught in English. No knowledge of Russian required. May not count toward foreign language requirement. Literature of Russia during the nineteenth century through study of selected readings in translation.

2221. Twentieth Century Russian Literature in Translation (3) (GE:HU) Taught in English. No knowledge of Russian required. May not count toward foreign language requirement. Literature and culture of Russia and Soviet Union during twentieth century through reading and discussion of significant texts in translation.

2700. Special Topics in Russian Studies (3) May be repeated for maximum of 6 s.h. with change of topic. May not count toward general education requirements. May be taught in Russian or English. Selected topics relating to language, literature or culture of Russia (pre-Soviet, Soviet or post-Soviet). Topics may vary.

3220. Nineteenth Century Russian Literature in Translation (3) (GE:HU) P: RUSS 2120 or permission of instructor. Taught in English. No knowledge of Russian required. Literature of Russia during the nineteenth century through study of selected readings in translation.

3221. Twentieth Century Russian Literature in Translation (3) (GE:HU) P: RUSS 2120 or permission of instructor. Taught in English. No knowledge of Russian required. Literature and culture of Russia and the Soviet Union during the twentieth century through reading and discussion of significant texts in translation.

3230. Russian and Soviet Film (3) (GE:HU) P: RUSS 2120 or permission of instructor. Taught in English. No knowledge of Russian required. Introduction to the major Russian and Soviet filmmakers.

3700. Special Topics in Russian Studies (3) P: RUSS 2120 or 3220 or 3221 or permission of instructor. Taught in English or Russian. Selected topics relating to literature or culture of Russia (pre-Soviet, Soviet or post-Soviet). Topics may vary. May be repeated for a maximum of 6 s.h. with change of topic. May not count toward general education requirements.

Insert at page 269 of 2004-2005 undergraduate catalog

COLLEGE OF TECHNOLOGY AND COMPUTER SCIENCE

Ralph V. Rogers, Jr., Dean

The College of Technology and Computer Science comprises the Departments of Computer Science, Construction Management, Industrial Technology, and Planning.

DEPARTMENT OF COMPUTER SCIENCE

https://author.ecu.edu/cs-acad/fsronline/cu/cu10_041.cfm
Robert Bernhardt, Interim Chairperson, Science and Technology Building

Students enrolled at East Carolina University or transferring from other institutions may be considered for admission to the Department of Computer Science provided the following departmental requirements are met. A student must have completed a minimum of 39 s.h. with a minimum cumulative 2.0 GPA and have a minimum 2.4 GPA computed on CSCI 2510, 2610, 2611, 2300, 2310/11.

BA in Computer Science

Credit toward a computer science major will not be given for any CSCI course with a grade less than C being used to satisfy the requirements specified in the core. Minimum degree requirement is 126 s.h. of credit as follows:

1. General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs.) ................................................................. 42 s.h.

2. Foreign language through level 1004 (preferably French, German, or Russian) ...... 12 s.h.

3. Core ............................................................................................................. 34 s.h. 35 s.h.

CSCI 2510. Introduction to Computer Science I (3) (F,S,SS) (P: MATH 1065 or 1066)
CSCI 2610, 2611. Introduction to Computer Science II and Laboratory (4,0) (F,S,SS) (P: CSCI 2510; C for 2610: CSCI 2611; C for 2611: CSCI 2610)
CSCI 3510. Data Structures (3) (F,S,SS) (P: CSCI 2610; P/G: MATH 2427)
CSCI 3601. Computer Organization and Programming (3) (F,S) (P: CSCI 3510 or 3526)
CSCI 2300. Computer Science Survey (3) (F,S,SS)
CSCI 2310, 2311. Algorithmic Problem Solving and Programming Laboratory (4,0) (F,S,SS) (P: MATH 1065; C for 2310: CSCI 2311; C for 2311: CSCI 2310)
CSCI 3300. Introduction to Algorithms and Data Structures (4) (F,S,SS) (P: CSCI 2300 2310; CSCI 2427)
CSCI 3310. Advanced Data Structures and Data Abstraction, (3) (F,S,SS) (P: CSCI 3300)
CSCI 3526. Switching Theory and Computer Organization (3) (F,S,SS) (P: CSCI 2310 or 2610; CSCI 2427)
CSCI 3650. Analysis of Algorithms (3) (S,SS) (P: CSCI 3310 or CSCI 3510; CSCI 2427) or CSCI 4602. Theory of Automata and Linguistics (3) (F) (P: CSCI 2427; CSCI Major)
CSCI 3675. Organization of Programming Language (3) (F,SS) (P: CSCI 3310 or CSCI 3510)
CSCI 4200. Software Engineering I (3) (WI) (F,S) (P: CSCI 3310 or 3510; CSCI major)
CSCI 4630. Operating Systems I (3) (F,S,SS) (P: CSCI 3601 CSCI 3526; CSCI major)
Choose 42 s.h. CSCI courses above 1999, excluding CSCI 2600, 3584, and 5774
4. **Cognates**

CSCI/MATH 2427. Discrete Mathematical Structures (3) (F,S,SS) (P: MATH 1065 or 1066)

MATH 2119. Elements of Calculus (3) (F,S,SS) (GE:MA) (P: MATH 1065 with a minimum grade of C) or MATH 2122. Calculus for the Life Science II (3) (F,S,SS) (P: MATH 2121) or MATH 2171. Calculus I (4) (F,S,SS) (GE:MA) (P: MATH 1083 or 1085 or 2122 with a minimum grade of C)

5. **Minor and electives to complete requirements for graduation.**

BS in Computer Science

Credit toward a computer science major will not be given for any CSCI course with a grade less than C being used to satisfy the requirements specified in the common core, concentration area, and CSCI electives. Minimum degree requirement is **126 s.h.** of credit as follows:

1. **General education (See Section 4, General Education Requirements for all Baccalaureate Degree Programs), including those listed below.**

   42 s.h.

   COMM 2410. Public Speaking (3) (F,S,SS) (GE:FA) or COMM 2420. Business and Professional Communication (3)

   (F,S,SS) (GE:FA)

   PHIL 2275. Professional Ethics (3) (WI*) (F,S,SS) (GE:HU)

2. **Common core**

   22 29s.h.

   CSCI 2510. Introduction to Computer Science I (3) (F,S,SS) (P: MATH 1065 or 1066)

   CSCI 2610, 2611. Introduction to Computer Science II and Laboratory (4,0) (F,S,SS) (P: CSCI 2510; C for 2610: CSCI 2611; C for 2611: CSCI 2610)

   CSCI 3510. Data Structures (3) (F,S,SS) (P: CSCI 2610; P/C: MATH 2427)

   CSCI 3601. Computer Organization and Programming (3) (F,S) (P: CSCI 3510 or 3526)

   CSCI 2300. Computer Science Survey (3) (F,S,SS)

   CSCI 2310, 2311. Algorithmic Problem Solving and Laboratory (4,0) (F,S,SS) (P: MATH 1065; C for 2310: CSCI 2311; C for 2311: CSCI 2310)

   CSCI 3300. Introduction to Algorithms and Data Structures (4) (F,S,SS) (P: CSCI 2300 2310; P/C: CSCI 2427)

   CSCI 3310. Advanced Data Structures and Data Abstraction, (3) (F,S,SS) (P: CSCI 3300)

   CSCI 3526. Switching Theory and Computer Organization (3) (F,S,SS) (P: CSCI 2310 or 2610; CSCI 2427)

   CSCI 3650. Analysis of Algorithms (3) (S,SS) (P: CSCI 3310 or CSCI 3510; CSCI 2427) or CSCI 4602. Theory of Automata and Linguistics (3) (F) (P:CSCI 2427; CSCI Major)

   CSCI 3675. Organization of Programming Language (3) (F,S) (P: CSCI 3310 or CSCI 3510)
CSCI 4200. Software Engineering I (3) (WI) (F,S) (P: CSCI 3310 or 3510; CSCI major)
CSCI 4630. Operating Systems I (3) (F,S,SS) (P: CSCI 3601 CSCI 3526; CSCI major)

3. Concentration area (Choose one.) ......................................................................... 12 s.h.

Applications Development:
CSCI 2618. COBOL (3) (F) (P: CSCI 2610)
CSCI 3650. Analysis of Algorithms (3) (S) (P: CSCI 3510; MATH 2427)
CSCI 3790. Database Management Systems (3) (F) (P: CSCI 3510)
CSCI 4510. Object-Oriented Computing and Graphical User Interfaces (3) (F,S) (P: CSCI 3510)

Systems Development:
CSCI 3526. Switching Theory and Computer Organization (3) (F,S) (P: CSCI 2610; MATH 2427)
CSCI 3650. Analysis of Algorithms (3) (S) (P: CSCI 3510; MATH 2427) or CSCI 4602. Theory of Automata and Linguistics (3) (F) (P: MATH 2427; CSCI major)
CSCI 4520. Introduction to Computer Architecture (3) (S) (P: CSCI 3526, 3601; CSCI major).
CSCI 4627. Procedural Languages and Compilers (3) (S) (P: CSCI 3601, 3675; CSCI major)

4. 3. Supporting area of concentration (Choose one from a. through e. d.)* .................... 12 s.h.
   a. Choose an additional 12 s.h. in MATH acceptable for a mathematics major
   b. Choose an additional 12 s.h. in ACCT and/or DSCI
   c. Choose an additional 12 s.h. in ICTN
   d. 12 s.h. from ENGL 3750; PSYC 3226; PHIL 1180, 1500, 3580, 3255, 4283

5. 4. Cognates ............................................................................................................. 18-19 s.h.
CSCI/MATH 2427. Discrete Mathematical Structure (3) (F,S,SS) (P: MATH 1065 or 1066)
CSCI/MATH 3584. Computational Linear Algebra (3) (F,S,SS) (P: Calculus course)
ENGL 3880. Writing for Business and Industry (3) (WI) (F,S,SS) (P: ENGL 1200) or ITEC 3290. Technical Writing (3) (WI) (F,S,SS) (P: ENGL 1200)
MATH 2119. Elements of Calculus (3) (F,S,SS) (GE:MA) (P: MATH 1065 with a minimum grade of C) or MATH 2122. Calculus for the Life Sciences II (3) (F,S,SS) (P: MATH 2121) or MATH 2171. Calculus I (4) (F,S,SS) (GE:MA) (P: MATH 1083 or 1085 or 2122 with a minimum grade of C)
MATH 2228. Elementary Statistical Methods I (3) (F,S,SS) (P: MATH 1065 or equivalent) or MATH 2283. Statistics for Business (3) (F,S,SS) (P: MATH 1065 or 1066 or equivalent) or MATH 3307. Mathematical Statistics I (3) (F,S) (P: MATH 2172)
MATH 3229. Elementary Statistical Methods II (3) (F,S) (P: MATH 2228 3228 or equivalent) or MATH 3308. Mathematical Statistics II (3) (F) (P: MATH 3307) or CSCI 5774. Programming for Research (3) (F,S) (P: General course in statistics or consent of instructor)

6. 5. CSCI electives above 1999 (excluding CSCI 2600, 5774) .................................. 6 12 s.h.
7. **6. Electives to complete requirements for graduation.**

*Requirements for 4.3 and 7.6, above, may be met by satisfying the requirements for a minor.

**Computer Science Minor**

Minimum requirement for computer science minor is **25 26 s.h.** of credit as follows:

1. **Core**

   ![Core requirements list]

   **CSCI 2510. Introduction to Computer Science I (3) (F,S,SS) (P: MATH 1065 or 1066)**
   
   **CSCI 2610, 2611. Introduction to Computer Science II and Laboratory (4,0) (F,S,SS) (P: CSCI 2510; C for 2610: CSCI 2611; C for 2611: CSCI 2610)**
   
   **CSCI 3510. Data Structures (3) (F,S,SS) (P: CSCI 2610; P/C: MATH 2427)**
   
   **CSCI 2300. Computer Science Survey (3) (F,S,SS).**
   
   **CSCI 2310, 2311. Algorithmic Problem Solving and Programming Laboratory (4,0) (F,S,SS) (P: MATH 1065; C for 2310: CSCI 2311; C for 2311: CSCI 2310).**
   
   **CSCI 3300. Introduction to Algorithms and Data Structures (4) (F,S,SS) (P: CSCI 2300, 2310, 2427)**
   
   **MATH 2119. Elements of Calculus (3) (F,S,SS) (GE:MA) (P: MATH 1065 with a minimum grade of C) or equivalent**
   
   **MATH CSCI 2427. Discrete Mathematical Structures (3) (F,S,SS) (P: MATH 1065 or 1066) or MATH 3256. Linear Algebra (3) (F,S,SS) (P: MATH 2172).**

2. **CSCI electives above 1999, excluding 3584.**

   ![Elective requirements list]

   ![Insert at page 328 of 2004-2005 undergraduate catalog](Marked Copy)

**CSCI: COMPUTER SCIENCE**

1001. **Introduction to Computer Science for Non-majors (3) (F,S,SS)** May not count towards a BA or BS degree in computer science, or towards general education credit. An elementary treatment of some of the basic ideas in computer science, such as how computers store and process data, binary and hexadecimal numbers, arithmetic/logic instructions, social issues, data structures, web pages, and the internet. This course is targeted towards novice computer users.
1200. **Introduction to Visual Programming (3) (F,S)** May not count toward CSCI major or minor. P: MATH 1065.

Introduction to programming using a visual design tool such as Visual Basic.

1610. **Elementary PASCAL (3) (F,S)** May not count toward CSCI major or minor. P: MATH 1065 or 1066 or 2127. Elementary introduction to concepts of programming in PASCAL computer language.

2300. **Computer Science Survey (3) (F,S,SS)** Elementary architecture, operating systems, file systems, network, algorithmic, and software development concepts.

2310, 2311. **Algorithmic Problem Solving and Programming Laboratory (4,0) (F,S,SS)**, P: MATH 1065; C for 2310: CSCI 2311; C for 2311: CSCI 2310. Design of algorithms and their implementation as programs in a high-level language such as Java.

2427. **Discrete Mathematical Structures (3) (F,S,SS) Same as MATH 2427** May not count toward MATH major or minor. May receive credit for only one of CSCI 2427; MATE or MATH 2775, 3237, or MATH 2427. P: MATH 1065 or 1066. Study of discrete mathematical structures. Special emphasis is given to those structures most important in computer science. Practical applications of the subject are emphasized.

2510. **Introduction to Computer Science I (3) (F,S,SS)** P: MATH 1065 or 1066. Expression of computation or other processes as algorithms. Basic features of computer architecture and computer execution of stored programs. Concepts of computer science.

2600. **Introduction to Digital Computation (3) (S)** May not count toward CSCI major or minor. P: MATH 1065 or 1066. Emphasis on algorithmic approach to problem solving. Algorithms programmed and run on computer by all students.

2610, 2611. **Introduction to Computer Science II and Laboratory (4,0) (F,S,SS)** P: CSCI 2510; C for 2610: CSCI 2611; C for 2611: CSCI 2610. Expression of computation and other processes as algorithms and implementation of algorithms as computer programs. Students write algorithms for specific problems in a contemporary high-level language, debug, and run programs on a computer.

2618. **COBOL (3) (F)** P: CSCI 2610. Basic and advanced elements of COBOL.

3300: **Introduction to Algorithms and Data Structures (4) (F,S,SS)**. P: CSCI 2300, 2310, 2427. Study of advanced data representations such as lists and trees including associated algorithms and use of both static and dynamic memory.

3310. **Advanced Data Structures and Data Abstraction (3) (F,S,SS)**. P: CSCI 3300. Study of data abstractions such as stacks, queues, graphs, tables, and sets, and implementations in object-oriented style including principles of class design.

3510. **Data Structures (3) (F,S,SS)** P: CSCI 2610; P/C: MATH 2427. Mathematical structures generally useful in understanding and applying computer concepts.

3573. Introduction to Numerical Analysis (3) (S) Same as MATH 3573 P: CSCI 2310 or CSCI 2610 or consent of instructor; MATH 2119 or 2172 or equivalent. Algorithms suitable for digital computation in areas of linear algebra, linear programming, slope finding, area finding, and nonlinear equation solution.

3584. Computational Linear Algebra (3) (F,S,SS) Same as MATH 3584 May not count toward MATH major or minor. P: Calculus course. Introduces vectors, matrices, and determinants. Special emphasis on application of linear algebra to solution of practical problems.

3601. Computer Organization and Programming (3) (F,S) P: CSCI 3300, 3510 or 3526. Assembly language used to illustrate general machine architecture that executes assembly language command structure.

3650. Analysis of Algorithms (3) (S,SS) P: CSCI 3310 or 3510; CSCI MATH 2427. Decision trees, mathematical induction, and adversary arguments used to analyze correctness, complexity, and optimality of algorithms. Emphasis on searching and sorting algorithms.

3675. Organization of Programming Language (3) (F,SS) P: CSCI 3310 or 3510. Applied course in programming language constructs. Emphasis on run-time behavior of programs. Provides appropriate background for advanced-level courses involving formal and theoretical aspects of programming languages and compilation process.


3800. Introduction to Computer Graphics (3) (F) P: CSCI 3310 or 3510; MATH 3256 or 3584. Computer graphics systems, hardware, interactive methods; line and curve drawing; two- and three-dimensional transformations; and perspective transformation.

4000. Senior Assessment (0) (F,S) To be taken by CSCI seniors in final year. Assessment of departmental programs.

4200. Software Engineering I (3) (WI) (F,S) P: CSCI major and CSCI 3310 or 3510. Formal approach to state-of-the-art techniques in software design and development and application of the techniques.

4230. Software Engineering II (3) (F,S) P: CSCI 4200 or consent of the instructor. Conceptual and practical knowledge in relation to large-scale software development using established software engineering principles. Requires completion of major project using tools and methodologies provided.

4510. Object-Oriented Computing and Graphical User Interfaces (3) (F,S) P: CSCI 3310 or 3510. Object-oriented program design and development and data abstraction. Object-oriented programming languages. Applications to graphical user interfaces and event-driven computing.
4520. **Introduction to Computer Architecture (3) (S)** P: CSCI major; CSCI 3526, 3604. Organization of basic elements of computer system, including processor, memory, control unit, and I/O units.

4530. **Computer Networks and the Internet (3) (S)** P: CSCI 3300 or 3510 or consent of instructor. Theory and case studies of modern networking protocols and telecommunication methods. Local area and long-haul networks.

4602. **Theory of Automata and Linguistics (3) (F)** P: CSCI major; MATH CSCI 2427. Basic concepts of automata theory and mathematical linguistics and their close interrelationship.

4627. **Procedural Languages and Compilers (3) (S)** P: CSCI major; CSCI 3604 3526, 3675. State of the art techniques for compiling procedural languages.

4630. **Operating Systems I (3) (F,S,SS)** P: CSCI major and CSCI 3604 3526. Job control and operating systems. System organization, resource and storage allocation, interrupt handling, addressing techniques, file structures, and batch/time sharing systems.

4710. **Introduction to Developing e-Business Systems (3) (F,S)** P: CSCI 3310 or 3510 or consent of instructor. Introduces use of concepts, technologies, and building blocks from computer science, practical software engineering, and business development in building e-Commerce systems. Describes systematic life-cycle approach to developing successful e-Commerce systems and presents knowledge essential to a wide range of organization and software developers. Requires completion of major term projects using state-of-the art tools and methodologies.

4905. **Selected Topics in Computer Science (3) (WI)** May be repeated for maximum of 6 s.h. with change of topic. P: CSCI major and CSCI 3310 or 3510. Consideration of new or advanced topics in computer science.

5002. **Logic for Mathematics and Computer Science (3) Same as MATH 5002** P: CSCI 3310 or 3510 or MATE 3223 or 2775 or MATH 2427 or 2775 or 3223 or 3256 or PHIL 3580 or equivalent. Methods of mathematical logic important in mathematics and computer science applications.


5501, 5502, 5503. **Independent Study (1,2,3)** Minimum of 3-6 hours per week depending on the nature of the work assigned. P: CSCI 3601 or equivalent or consent of instructor. Advanced computer science students study topics that supplement the regular curriculum.

5774. **Programming for Research (3) Same as MATH 5774** For graduate student who wishes to use computer science to meet required research skills in his or her dept. May not count toward MATH
major or minor. P: General statistics course or consent of instructor. Emphasis on minimum-level programming skill and use of statistical packages.

5800. Artificial Intelligence (3) P: CSCI 3310 or 3510 or consent of instructor. Fundamental problems and techniques of artificial intelligence. Heuristic search. Concepts of expert systems.

CSCI Banked Courses

1610. Elementary Pascal (3)
2901. Programming in ADA (1) 4600. Systems Analysis (3)
2902. Programming in C (1) 4604. Systems Simulation (3)
2903. Programming in FORTRAN (1) 5726. Scientific Programming (1)
3574. Numerical Analysis II (3)

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BIOL 4150. Pestilence, Politics and Conquest (3) (S) P: BIOL 1050 or 1100 or permission of instructor. The pathology of infectious diseases and the impact that they had, or may have, on world events, past, present and future.

Catalog Minutes submitted by Ellen Arnold