# **University of North Georgia**

### **Health Informatics and Administration**

Name: ID#: Grad. Semester: Catalog: **Institutional Priority (7 hrs.)** Major Courses (31 hrs.) Hrs. Grd. Sem Hrs. Grd. Sem 1. Modern Lang.\* 2. Global \*Modern language courses at the 1001 and 1002 level are 4 credit hours. Mathematics & Quantitative Skills\* (3 hrs.) \*Complete by 30 hours. Math 1111 or higher required. Political Science and U.S. History (3 hrs.) 1. Citizenship Arts, Humanities, and Ethics (6 hrs.) 1. Lit. or Lang. 2. Fine Arts/Phil. Concentration 1 or Approved Electives\* (14-15 hrs.) \*Concentrations and electives consist of 3000-4000 level coursework\* \*See back for options Communicating in Writing\* (6 hrs.) 1. English 1101 2. English 1102 \*A grade of C or higher is required. \*Complete by 30 hours. Technology, Mathematics, & Sciences (11 hrs.) 1. Lab Science 2. Lab Science Concentration 2 or Approved Electives\* (12 -13 hrs.) 3. Math & Tech.\* \*See back for options \*Math 1401 recommended. Social Sciences (6 hrs.) 1. Behavioral Sci. 2. Social Science Field of Study (18 hrs.) Capstone 1. 2. Comments: 3 5. 6. **Graduation Requirements: GA History US History GA Constitution US** Constitution 39 Hours at 3/4000 Level 30 Residency Hours Military Science - Cadets Only Hrs. Chk. Course Hrs. Chk. Course Minimum 2.0 Institutional & Cumulative GPA Minimum 60 Core Hours & 120 Semester Hours 21 Hours at the 3000/4000 Level in Major Signatures (original only) Date **PME Requirement for Contracting Cadets** Student: Hrs. Grd.

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Advisor:

# **UNIVERSITY OF NORTH GEORGIA CORE IMPACTS**

Courses may have prerequisites or registration restrictions.
Review course descriptions in the Academic Catalog before registering.
Courses may appear in multiple areas, but cannot be applied to more than one area.

INS	STITUTIONAL PRIORITY (7 HOURS)	
MODERN LANGUAGE (	3-4 HOURS). CHOOSE ONE:	
•	ge at the 1001, 1002, 2001, or 2002 Level	3-4
	CHOOSE ONE OR TWO:	
ANTH 1102	Introduction to Anthropology	3
CGLO 1503	Contemporary Global Topics	3
COMM 1503	Intercultural Communication	3
DVRS 1503	Studies in Diversity Issues	3
ENGL 2111	World Literature I	3
ENGL 2111	World Literature II	3
ENGL 2160	Multicultural American Literature	3
ENST 2030	Environmental Studies & Sustainability	3
GEOG 1101	Introduction to Human Geography	3
GEOG 1101 GEOG 1102		3
HIST 1111	World History I	3
	World History I	
HIST 1112	World History II	3
HIST 2860/RELG 2860	History of World Religions	3
INED 2902/2903	Special Topics in International Perspectives	2-3
PHIL 2200	Ethics from a Global Perspective	3
POLS 1153	Global Citzenship	3
POLS 2301	Introduction to Comparative Politics	3
POLS 2401	Global Issues	3
SOCI 1160	Introduction to Social Problems	3
	ATICS & QUANTITATIVE SKILLS (3 HOURS)	
MATHEMATICS (3 HOU	<u> </u>	
MATH 1001	Quantitative Skills & Reasoning	3
MATH 1101	Mathematical Models	3
MATH 1111	College Algebra	(3
MATH 1113	Pre-Calculus	(3
MATH MATH 1111 recomm MATH 1113 or 1450 re	Calculus I (1 hour can be used elsewhere) 1111 or higher required for Nursing majors. mended for Business majors (required for BBA degracy for BIOL, CHEM, CSCI, MATH, REP, PHYS L SCIENCE AND U.S. HISTORY (3 HOURS)	•
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ENGL 1101	English Composition I	T
ENGL 1102	English Composition II	†
Note: A "C" o	or better is required in both ENGL 1101 & ENGL 1102.	_
TECHNOLO	OGY, MATHEMATICS, & SCIENCES (11 HOURS)	
	HOURS). A CHEMISTRY SEQUENCE IS REQUIRED:	-
	DURS). CHOOSE TWO, IN A SEQUENCE:	-
•	RS (8 HOURS). CHOOSE ANY TWO:	-
ASTR 1010/L	· ,	Т
	Astronomy of the Solar System and Lab	+
ASTR 1020/L	Stellar and Galactic Astronomy and Lab	4
BIOL 1012K	Introduction to Biology II and Lab	4
BIOL 1101K/1011K	Biology: A Human Perspective/Intro. to Biology I and Lab	4
BIOL 1102K	Introduction to Ecology and Lab	1
BIOL 1107K	Principles of Biology I and Lab	1
BIOL 1108K	Principles of Biology II and Lab	
BIOL 1260K	Environmental Sciences and Lab	I
CHEM 1151/L (1151K)	Survey of Chemistry I and Lab	Ī
CHEM 1152/L (1152K)	Survey of Chemistry II and Lab	İ
CHEM 1211/L (1211K)	Principles of Chemistry I and Lab	†
	Principles of Chemistry II and Lab	t
ENVS 2111K	,	+
ENVS 2111K ENVS 2112K	Physical Environmental Science and Lab	+
	Environmental Management & Sustainability and Lab	+
GEOG 1111K	Introduction to Physical Geography and Lab	4
GEOG 1112/L	Introduction to Weather & Climate and Lab	4
GEOG/GEOL 1530K	Introduction to Oceanography and Lab	1
GEOL 1101K	Survey of Geology and Lab	
GEOL 1121K	Physical Geology and Lab	
GEOL 1122K	Historical Geography and Lab	I
PHYS 1111/L (1111K)	Introductory Physics I and Lab	Ť
PHYS 1112/L (1112K)	Introductory Physics II and Lab	t
PHYS 2211/L (2211K)		†
PHYS 2212/L (2212K)	Principles of Physics II and Lab	†
, ,	TECHNOLOGY (3 HOURS). CHOOSE ONE:	_
MATH 1113	Pre-Calculus	Т
MATH 1401	Elementary Statistics *Math 1401 recommended.	+
		+
MATH 1450 (1501)	Calculus I (1 hour can be used elsewhere)	+
MATH 2040	Brief Calculus	+
	Calculus II (1 hour can be used elsewhere)	4
MATH 2460	Introduction to Discrete Mathematics	
MATH 2510	The deduction to Discrete mathematics	т
	Information Technologies (non-science majors)	I
MATH 2510		
MATH 2510 CSCI 1250	Information Technologies (non-science majors)	-
MATH 2510 CSCI 1250 CSCI 1301 (1301K)	Information Technologies (non-science majors)  Computer Science I	-
MATH 2510 CSCI 1250 CSCI 1301 (1301K) CSCI 1371	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)	-
MATH 2510 CSCI 1250 CSCI 1301 (1301K) CSCI 1371 DATA 1501 GISC 2011/L	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*	75
MATH 2510 CSCI 1250 CSCI 1301 (1301K) CSCI 1371 DATA 1501 GISC 2011/L	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab	75
MATH 2510 CSCI 1250 CSCI 1301 (1301K) CSCI 1371 DATA 1501 GISC 2011/L *Designed for studen	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab  Its majoring in Physics or Dual Degreel Engineering Program  SOCIAL SCIENCES (6 HOURS)	ns
MATH 2510 CSCI 1250 CSCI 1301 (1301K) CSCI 1371 DATA 1501 GISC 2011/L *Designed for studen BEHAVIORAL SCIENCE	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab  ats majoring in Physics or Dual Degreel Engineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:	ns
MATH 2510 CSCI 1250 CSCI 1301 (1301K) CSCI 1371 DATA 1501 GISC 2011/L *Designed for studer BEHAVIORAL SCIENC	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab nts majoring in Physics or Dual DegreelEngineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:  Introduction to Anthropology	ns
MATH 2510 CSCI 1250 CSCI 1250 CSCI 1301 (1301K) CSCI 1371 DATA 1501 GISC 2011/L *Designed for studer BEHAVIORAL SCIENCE ANTH 1102 ECON 2105	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab nts majoring in Physics or Dual DegreelEngineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:  Introduction to Anthropology  Principles of Macroeconomics	ns
MATH 2510 CSCI 1250 CSCI 1301 (1301K) CSCI 1371 DATA 1501 GISC 2011/L *Designed for studen BEHAVIORAL SCIENC ANTH 1102 ECON 2105 PSYC 1101	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab nts majoring in Physics or Dual Degreel Engineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:  Introduction to Anthropology  Principles of Macroeconomics  Introduction to Psychology	ns
MATH 2510 CSCI 1250 CSCI 1250 CSCI 1301 (1301K) CSCI 1371 DATA 1501 GISC 2011/L *Designed for studen BEHAVIORAL SCIENC ANTH 1102 ECON 2105 PSYC 1101 SOCI 1101	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab nts majoring in Physics or Dual Degreel Engineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:  Introduction to Anthropology  Principles of Macroeconomics  Introduction to Psychology  Introduction to Sociology	ns
MATH 2510 CSCI 1250 CSCI 1250 CSCI 1301 (1301K) CSCI 1371 DATA 1501 GISC 2011/L *Designed for studen BEHAVIORAL SCIENC ANTH 1102 ECON 2105 PSYC 1101 SOCI 1101	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab nts majoring in Physics or Dual Degreel Engineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:  Introduction to Anthropology  Principles of Macroeconomics  Introduction to Psychology	
MATH 2510 CSCI 1250 CSCI 1250 CSCI 1301 (1301K) CSCI 1371 DATA 1501 GISC 2011/L *Designed for studen BEHAVIORAL SCIENC ANTH 1102 ECON 2105 PSYC 1101 SOCI 1101	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab nts majoring in Physics or Dual Degreel Engineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:  Introduction to Anthropology  Principles of Macroeconomics  Introduction to Psychology  Introduction to Sociology	
MATH 2510 CSCI 1250 CSCI 1250 CSCI 1301 (1301K) CSCI 1371 DATA 1501 GISC 2011/L *Designed for studer BEHAVIORAL SCIENC ANTH 1102 ECON 2105 PSYC 1101 SOCIAL SCIENCE (3)	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab  Its majoring in Physics or Dual Degreel Engineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:  Introduction to Anthropology  Principles of Macroeconomics  Introduction to Psychology  Introduction to Sociology  HOURS). CHOOSE ONE:	ns
MATH 2510 CSCI 1250 CSCI 1250 CSCI 1301 (1301K) CSCI 1371 DATA 1501 GISC 2011/L *Designed for studer BEHAVIORAL SCIENC ANTH 1102 ECON 2105 PSYC 1101 SOCIAL SCIENCE (3) ENST 2030	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab  Introduction in Physics or Dual Degreel Engineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:  Introduction to Anthropology  Principles of Macroeconomics  Introduction to Psychology  Introduction to Sociology  HOURS). CHOOSE ONE:  Environmental Studies & Sustainability	ns
MATH 2510 CSCI 1250 CSCI 1250 CSCI 1301 (1301K) CSCI 1371 DATA 1501 GISC 2011/L *Designed for studer BEHAVIORAL SCIENC ANTH 1102 ECON 2105 PSYC 1101 SOCIAL SCIENCE (3 I ENST 2030 GEOG 1101	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers* Introduction to Data Science (non-science majors)  Geographic Information Science and Lab Its majoring in Physics or Dual Degreel Engineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE: Introduction to Anthropology Principles of Macroeconomics Introduction to Psychology Introduction to Sociology HOURS). CHOOSE ONE: Environmental Studies & Sustainability Introduction to Human Geography	ns
MATH 2510  CSCI 1250  CSCI 1250  CSCI 1301 (1301K)  CSCI 1371  DATA 1501  GISC 2011/L  *Designed for studer  BEHAVIORAL SCIENC  ANTH 1102  ECON 2105  PSYC 1101  SOCIAL SCIENCE (3 I)  ENST 2030  GEOG 1101  GEOG 1102	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab nts majoring in Physics or Dual Degreel Engineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:  Introduction to Anthropology  Principles of Macroeconomics  Introduction to Psychology  Introduction to Sociology  HOURS). CHOOSE ONE:  Environmental Studies & Sustainability  Introduction to Human Geography  World Regional Geography	ns
MATH 2510  CSCI 1250  CSCI 1250  CSCI 1301 (1301K)  CSCI 1371  DATA 1501  GISC 2011/L  *Designed for studer  BEHAVIORAL SCIENC  ANTH 1102  ECON 2105  PSYC 1101  SOCIAL SCIENCE (3 I)  ENST 2030  GEOG 1101  GEOG 1102  HIST 1111  HIST 1112	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab nts majoring in Physics or Dual DegreelEngineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:  Introduction to Anthropology  Principles of Macroeconomics  Introduction to Psychology  Introduction to Sociology  HOURS). CHOOSE ONE:  Environmental Studies & Sustainability  Introduction to Human Geography  World Regional Geography  World History II	ns
MATH 2510  CSCI 1250  CSCI 1250  CSCI 1301 (1301K)  CSCI 1371  DATA 1501  GISC 2011/L  *Designed for studer  BEHAVIORAL SCIENT  ANTH 1102  ECON 2105  PSYC 1101  SOCIAL SCIENCE (3 III)  ENST 2030  GEOG 1101  GEOG 1102  HIST 1111  HIST 1112	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab nts majoring in Physics or Dual DegreelEngineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:  Introduction to Anthropology  Principles of Macroeconomics  Introduction to Psychology  Introduction to Sociology  HOURS). CHOOSE ONE:  Environmental Studies & Sustainability  Introduction to Human Geography  World Regional Geography  World History I  World History II  U.S. History I	ns
MATH 2510  CSCI 1250  CSCI 1250  CSCI 1301 (1301K)  CSCI 1371  DATA 1501  GISC 2011/L  *Designed for studen  BEHAVIORAL SCIENC  ANTH 1102  ECON 2105  PSYC 1101  SOCIAL SCIENCE (3 I)  ENST 2030  GEOG 1101  GEOG 1102  HIST 1111  HIST 2111	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab nts majoring in Physics or Dual Degreel Engineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:  Introduction to Anthropology  Principles of Macroeconomics  Introduction to Psychology  Introduction to Sociology  HOURS). CHOOSE ONE:  Environmental Studies & Sustainability  Introduction to Human Geography  World Regional Geography  World History I  World History II  U.S. History II  U.S. History II	ns
MATH 2510  CSCI 1250  CSCI 1250  CSCI 1301 (1301K)  CSCI 1371  DATA 1501  GISC 2011/L  *Designed for studen  BEHAVIORAL SCIENC  ANTH 1102  ECON 2105  PSYC 1101  SOCIAL SCIENCE (3 I)  ENST 2030  GEOG 1101  GEOG 1102  HIST 1111  HIST 1112  HIST 2111  POLS 1101	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers* Introduction to Data Science (non-science majors)  Geographic Information Science and Lab nts majoring in Physics or Dual Degreel Engineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE: Introduction to Anthropology Principles of Macroeconomics Introduction to Psychology Introduction to Sociology  HOURS). CHOOSE ONE: Environmental Studies & Sustainability Introduction to Human Geography  World Regional Geography  World History I  U.S. History II  U.S. History II  American Government	ns
MATH 2510  CSCI 1250  CSCI 1250  CSCI 1301 (1301K)  CSCI 1371  DATA 1501  GISC 2011/L  *Designed for studen  BEHAVIORAL SCIENC  ANTH 1102  ECON 2105  PSYC 1101  SOCIAL SCIENCE (3 I)  ENST 2030  GEOG 1101  GEOG 1102  HIST 1111  HIST 2111	Information Technologies (non-science majors)  Computer Science I  Computing for Scientists and Engineers*  Introduction to Data Science (non-science majors)  Geographic Information Science and Lab nts majoring in Physics or Dual Degreel Engineering Program  SOCIAL SCIENCES (6 HOURS)  CE (3 HOURS). CHOOSE ONE:  Introduction to Anthropology  Principles of Macroeconomics  Introduction to Psychology  Introduction to Sociology  HOURS). CHOOSE ONE:  Environmental Studies & Sustainability  Introduction to Human Geography  World Regional Geography  World History I  World History II  U.S. History II  U.S. History II	ms

Revised 2024

#### **Notes**

- Students pursuing a Bachelor's degree are encouraged to begin taking 3/4XXX level courses once they have met the prerequisites to do so.
- IMPACTS courses can be taken in any order and/or can be taken later to allow students to take major courses sooner.
- All students must complete Writing and Math IMPACTS requirements within the first 30 credit hours.
- A "C" or better grade is required in ENGL 1101 and ENGL 1102.
- Check all courses for prerequisites to ensure eligibility to enroll.
- Minimum 120 hrs. required to complete a Baccalaureate degree.
- Minimum institutional GPA and overall GPA of 2.0 required for graduation. Specific majors and degrees may have higher GPA requirements for graduation.

#### **Major Information**