

Special Education Focus Areas

Below are the list of courses that satisfy the 15-credit focus areas in English, mathematics, social studies, science and urban education. Students do not declare focus areas in UDSIS, and the focus area does not appear on transcripts.

English Focus Area Courses

ENGL 101: *Tools of Textual Analysis*

ENGL 204: *American Literature*

ENGL 205: *British Literature to 1660*

ENGL 206: *British Literature 1660 to Present*

ENGL 294: *English language: Grammar and Usage*

EDUC/ENGL 403: *Literature for Adolescents: Multimedia Texts* (Spring semesters)

One of the following ENGL writing courses

- ENGL 301: *Expository Writing*
- ENGL 302: *Advanced Composition*
- ENGL 303: *Script Writing*
- ENGL 304: *Poetry Writing*
- ENGL 305: *Fiction Writing*
- ENGL 306: *Topics in Writing*
- ENGL 307: *News Writing and Editing*
- ENGL 312: *Written Communication in Business*
- ENGL 316: *Peer Tutoring/Advanced Composition*
- ENGL 410: *Technical Writing*
- ENGL 413: *Topics in Technical Writing*
- ENGL 415: *Writing in the Professions*

One of the following ENGL diversity courses

- ENGL 202: *Biblical and Classical Literature*
- ENGL 214: *Literature and Gender*
- ENGL 215: *Introduction to Ethnic and Cultural Studies*
- ENGL 344: *African American Literature I*
- ENGL 345: *African American Literature II*
- ENGL 348: *Contemporary Jewish-American Literature*
- ENGL 349: *Introduction to Jewish Sources: Text and Interpretation*
- ENGL 376: *World Literature*
- ENGL 378: *Caribbean Literature*
- ENGL 380: *Women Writers*
- ENGL 381: *Women in Literature*
- ENGL 382: *Studies in Multicultural Literature in English*

Mathematics Focus Area Courses

- MATH 210: *Discrete Mathematics*
- MATH 217: *Algebra for Middle School Teachers* (Fall and odd-numbered Spring semesters)
- MATH 230: *Finite Math with Applications*
- MATH 240: *Geometry and Measurement for Middle-School Teachers* (Spring and even-numbered Fall semesters)
- STAT 200: *Basic Statistical Practice* **OR** MATH 201: *Introduction to Statistical Methods*
- MATH 221: *Calculus I* **OR** Math 241: *Analytic Geometry and Calculus A*
- MATH 222: *Calculus II* **OR** Math 242: *Analytic Geometry and Calculus B*

Science Focus Area Courses

Students take courses in at least two of the following areas: biology, earth science, environmental science or physical science.

Biology

BISC 105: *Human Heredity and Development*
BISC 106: *Elementary Human Physiology*
BISC 107: *Elementary Evolutionary Ecology*
BISC 110: *Viruses, Genes and Cancer*
BISC 171: *Microbiology in Modern Society*
BISC 195: *Biological Evolution*
BISC 208: *Introductory Biology II*
HESC 220: *Anatomy and Physiology*
SCEN 344: *Science and Religion*
PLSC 101: *Botany I*

Earth Science

GEOL 105: *Geological Hazards and Their Human Impact*
GEOL 115: *Geological Hazards Laboratory*
GEOL 108: *Volcanoes and Earthquakes*
GEOL 109: *Planets, Asteroids and Impacts*
GEOL 110: *Earth History: Evolution, Extinction and the Geological Record*
GEOL 111: *Geology of Delaware and Its Neighbors*
GEOL 112: *Earth Resources and Public Policy*
GEOG 101: *Physical Geography: Climatic Processes*
GEOG 106: *Physical Geography: Land Surface Processes*
GEOG 152: *Climate and Life*
GEOG 220: *Meteorology*

MAST 200: *The Oceans*

Environmental Science

CHEM 100: *Chemistry and the Human Environments*

BISC 107: *Elementary Evolutionary Ecology*

GEOG 230: *Humans and the Earth Ecosystem*

GEOG 235: *Conservation of Natural Resources*

GEOG 236: *Conservation: Global Issues*

GEOG 320: *Water and Society*

ENWC 201: *Wildlife Conservation and Ecology*

EDUC 643: *Environmental Education*

GEOL 112: *Earth Resources and Public Policy*

PLSC 170: *Soils and Environmental Quality*

PLSC 204: *Introduction to Soil Sciences*

Physical Science

- PHYS 104: *Elementary Physics* **OR** PHYS 201: *Introduction to Physics* **OR** PHYS 207: *Fundamentals of Physics I* (NOTE: Only one course from SCEN 101, PHYS 201, PHYS 207 or PHYS 104 may be counted toward graduation)
- PHYS 133: *Introduction to Astronomy* **OR** PHYS 144: *Concepts of the Universe*
- PHYS 139: *Star and Constellation Identification* (1 credit)
- PHYS 145: *Quasars, Black Holes and the Universe*
- PHYS 146: *Quarks, Gluons, and the Big Bang: Particles and Cosmology*
- SCEN 344: *Science and Religion*
- CHEM 101: *General Chemistry* **OR** CHEM 102: *General Chemistry* **OR** CHEM 103: *General Chemistry* **OR** CHEM 104: *General Chemistry* **OR** CHEM 105: *General Chemistry* **OR** CHEM 106: *General Chemistry* **OR** CHEM 111: *General Chemistry* **OR** CHEM 112: *General Chemistry*
- CHEM 119: *Quantitative Chemistry I*

Social Studies Focus Area Courses

Students may take any ECON, HIST, POSC or GEOG courses and must take courses in at least two different areas (e.g., HIST and POSC).

Urban Education Focus Area Courses

Core Courses

Students take at least three of the following core courses.

EDUC 258: *Cultural Diversity, Schooling and the Teacher* **OR** EDUC 259: *Cultural Diversity in Community Contexts* (whichever was not taken for the

Professional Studies requirement)

EDUC 440: Literacy Instruction for English Language Learners

EDUC 459: *Urban Schools and Urban Landscapes*

EDUC 395: *Building Communities of Learners in Urban Contexts*

Urban Education Electives

Students take 1-2 of the following electives, depending on how many of the above core courses are taken. If students find a course not on this list that would inform their understanding of urban education, they can send Dr. Tonya Bartell an email at tbartell@udel.edu with a rationale for why they would like the course to count as an elective and she will decide whether or not to approve it.

- BAMS 110: Introduction to Black American Studies
- BAMS/SOCI 204: Urban Communities
- BAMS 205: Contemporary Afro-American Issues
- BAMS/SOCI 215: Race in Society
- BAMS/SOCI 415: Race, Class and Gender
- GEOG 325: Urban Geography
- GEOG 346: Urban Cultural Geography
- HDFS 202: Foundations of Family Studies
- HDFS 230: Families and their Communities
- POSC 355: Urban Politics and Community Development
- POSC 452: Problems in Urban Politics
- SOCI 305: Social Class and Inequality
- One Spanish language course