STATE UNIVERSITY

Major: Biology

2024-2025 - Status Sheet

Minor: Earth Science

**BLACK HILLS** Degree: Bachelor of Science

120 hours are required to graduate

BBS. Prepa Phone #:

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36 hours of upper level are required Date: Has Needs Has Needs 300 100 300 100 300 100 300 Major Requirements Gen Ed Requirements 400 200 400 BIOL 151/L General Biology I/Lab 3 **ENGL** 101 Composition I BIOL 153/L General Biology II/Lab 3 **ENGL** 201 Composition II BIOL 371/L Genetics/Lab 3 CMST 101 215 222 4 BIOL 373/L Evolution/Lab 3 MATH: 103, 104, 114, 115, 120, 121, 123, 281 2 BIOL 490 Seminar Natural Science & Lab (see major) 25 Restricted Electives - Elective courses shall be taken from two emphases, with Natural Science & Lab (see major) at least two courses from each emphasis. Environmental students SOCIAL SCIENCE: take 2 courses from two different subject areas. ARTS & HUMANITIES: take 2 courses from two different subject must take BIOL 311/L. Cell/Physiology students must take BIOL 343/L. Environmental Biology Emphasis areas (ART/H) are the same subject), or a Foreign Language Sequence BIOL 301/L Plant Systematics/Lab Social Science - 2 courses required BIOL 302 Animal Behavior BIOL 311/L Principles of Ecology/Lab ABS 203 ANTH 210, 220, 230 CJUS 201 CMST 201 ECON 201, 202 GEOG 101, 200, BIOL 321 Conservation See minor 210, 212, 219 GLST 201 HDFS 141, 210 BIOL 355/L Mammalogy/Lab HIST 151, 152, 256, 257 INED 211 INFO 102 BIOL 357/L Invertebrate Zoology/Lab NATV 110 POLS 100, 102, 141, 165, 210, 250, BIOL 405/L Entomology/Lab 253 PSYC 101 REL 237 SOC 100, 150, 151, 240, 250, 285 SUST 201 UHON 111, 210 BIOL 415/L Mycology/Lab WMST 101, 247 BIOL 434/L Herpetology/Lab BIOL 437 Biometry Arts & Humanities - 2 courses required ARAB 101, 102 ARCH 241 ART 111, 112, BIOL 461/L Agrostology/Lab 121, 123 ARTH 100, 120, 121, 211, 212, 231, BIOL 462/L Dendrology/Lab 251 CHIN 101, 102 ENGL 115, 125, 210, 211, BIOL 463/L Ornithology/Lab 212, 214, 221, 222, 230, 240, 241, 242, 248. Cellular/Physiology Emphasis 249, 250, 256, 258, 268 FREN 101, 102, 201, 202 GER 101, 102, 201, 202 GFA 101 BIOL 317/L Electron Microscopy/Lab GREE 101, 102 HIST 111, 112, 121, 122 BIOL 325/L Physiology/Lab HUM 100 200 LAKL 101, 102, 201, 202 LATI BIOL 331/L Microbiology/Lab 101, 102 MCOM 151, 160 MFL 101, 102 MUS 100, 117, 130, 131, 200, 201, 203, 240 BIOL 343/L Cell & Molecular Biology/Lab PHIL 100, 200, 215, 220, 233, 240, 270, 287 BIOL 381/L Vertebrate Anatomy/Lab REL 213, 224, 225, 238, 250 RUSS 101, 102 BIOL 422 Immunology SPAN 101, 102, 201, 202 THEA 100, 131, 200, BIOL 430/L Neurobiology/Lab 201, 231, 270 BIOL 437 Biometry BIOL 460/L Plant Ecophysiology & Soils/Lab Addl. hours in major/minor to meet 50% rule BIOL 474/L Introductory Genomics/Lab Addl. hours to meet 60 from 4-yr Inst (If Necessary) Additional hours in major to meet 50% rule Addl. hours to total 36 upper level Addl. hours to total 120 Minor in Earth Science - 20 hours GEOL 201/L Physical Geology/Lab GEOL 203/L Historical Geology/Lab GEOL 321 Conservation of Natural Resources PHYS 185/L Introduction to Astronomy/Lab take two courses from the following: GEOL 310 Volcanology GEOL 340 Mineralogy/Petrology GEOL 350 Environmental Geology GEOL 360 Environmental Geochemistry GEOL 370 Hydrogeology SCI 388 Global Positioning & GIS TOTALS: TOTALS: