| Southern minots uniterally cross control minots control in the control of the con | | + | Southern Illinois University Carbondale | | 2022-2023 | PROGRAM ARTICULATION DEGRE McHenry County College |
|--|-------------|---|---|-----|------------------------------|--|
| Hrs Hrs | | | | | | NCHenry County College |
| Hrs | | · Outline | 0 0 7 | | :5) - 60 nrs | Associate in Engineering Science (AE |
| UNIV 101 Saluki Success | | e Option | University Core Curriculum (UCC) Capsto | | | |
| CMST 101 | Hrs | | | Hrs | | |
| NG 151 | NA _ | | | | | |
| No. 152 | 3 | | | • | | -110 454 |
| MAT 175 | T | | | | | |
| ECON 240 Required for BS degree Security | T | | | | | |
| Al HUMANITIES or FINE ARTS See SIUC Equivalency Guide See SIUC Equivalency Guide HUMANITIES HUMANITI | T | - | MATH 150 (Required for BS degree) | | | |
| HUMANTIES | 3 | intro to Microeconomics | | 3 | Microeconomics | ECO 251° |
| CHEM 2001/2014 (Required for BS degree) Intro to Chemical Principles/Lab LIFE SCIENCE FINE ARTS BIOL 202 (Required for BS degree) Human Genetics and Human Health See SIUC Equivalency Guide) 3 | T | (See SIUC Equivalency Guide) | HUMANITIES | 3 | (See SIUC Equivalency Guide) | AI HUMANITIES or FINE ARTS |
| LIFE SCIENCE STINE ARTS FINE ARTS BIOL. 202 (Required for BS degree) Human Genetics and Human Health | NA | | HUMANITIES | | | |
| LIFE SCIENCE STINE ARTS FINE ARTS BIOL. 202 (Required for BS degree) Human Genetics and Human Health | Т | Intro to Chemical Principles/Lab | CHEM 200/201 (Required for BS degree) | 5 | General Chemistry I | CHM 165 |
| Non-Western Cultures w/in the US See SIUC Equivalency Guide 3 3 MULTICULTURAL (See SIUC Equivalency Guide 25 25 25 25 25 25 25 2 | NA | (Students take 2 Physical Science courses) | | | | |
| Non-Western Cultures wiin the US (See SIUC Equivalency Guide) 25 25 | 3 | ì | FINE ARTS | | | |
| Non-Western Cultures wiin the US (See SIUC Equivalency Guide) 25 25 | 2 | Human Genetics and Human Health | BIOL 202 (Required for BS degree) | | | |
| Program Requirements | T | (See SIUC Equivalency Guide) | | 3 | (See SIUC Equivalency Guide) | Non-Western Cultures w/in the US |
| CSC 121 | 11 | | | | | - |
| CSC 121 | | | | | | |
| CSC 121 Computer Science 4 CS 202 (Not required for BS degree) Intro to Computer Science | | | Program Requirements | | | Program Requirements |
| MAT 245 | Т | Intro to Computer Science | CS 202 (Not required for BS degree) | 4 | Computer Science I | |
| MAT 255 | T | | | | | |
| MAT 260 Differential Equations 3 | T | | | | | |
| PHY 291 Principles of Physics I 4 PHYS 205/255A University Physics/Lab PHY 292 Principles of Physics II 4 PHYS 205/255B University Physics/Lab EGR 251* Statics 3 ENGR 250 Statics EGR 252* Dynamics 3 ENGR 261 Dynamics CHM 166* General Chemistry II 5 CHEM 210 General and Inorganic Chemistry **Recommended to fulfill BS degree requirements 35 Intro to Probability & Statistics for Engineers **Recommended to fulfill BS degree requirements CE 261 Intro to Probability & Statistics for Engineers **CE 263 Basic Surveying Mechanics of Materials **Intro to Probability & Statistics for Engineers Basic Surveying **ENGR 350 A Mechanics of Materials **University Physics/Lab Numerical Methods **ENGR 351 Numerical Methods **Intro to Resource Sustainability **ENGR 351 Intro to Resource Sustainability **Environmental Engineering/Lab Soil Mechanics/Lab **CE 340 Structures **ENGR 370A | T | | | | | |
| PHY 292 | T | | | | | |
| EGR 251* Statics 3 ENGR 250 Statics EGR 252* Dynamics 3 ENGR 261 Dynamics CHM 166* General Chemistry II 5 CHEM 210 General and Inorganic Chemistry **Recommended to fulfill BS degree requirements 35 Intro to Probability & Statistics for Engineers Statics CE 251 Intro to Probability & Statistics for Engineers Statics Basic Surveying Mechanics of Materials Numerical Methods Intro to Resource Sustainability ENGR 351 Intro to Resource Sustainability Environmental Engineering/Lab CE 301/310L Environmental Engineering/Lab Soil Mechanics/Lab CE 330 CE 340 Structures ENGR 370A Fluid Mechanics ENGR 370A Fluid Mechanics CE 418 Water & Wastewater Treatment CE 442 Structural Steel Design CE 444 Reinforced Concrete Design Hydraulic Engineering Design CE 495A Civil Engineering Design | T | | | 4 | | |
| EGR 252* Dynamics 3 ENGR 261 Dynamics CHM 166* General Chemistry II 5 CHEM 210 General and Inorganic Chemistry **Recommended to fulfill BS degree requirements 35 Intro to Probability & Statistics for Engineers CE 261 Intro to Probability & Statistics for Engineers Basic Surveying Basic Surveying Mechanics of Materials Mechanics of Materials Numerical Methods Intro to Resource Sustainability CE 301 Intro to Resource Sustainability CE 302/320L Soil Mechanics/Lab CE 320/320L Soil Mechanics/Lab CE 340 Structures Structures ENGR 370A Fluid Mechanics ENGR 370A Fluid Mechanics CE 418 Water & Wastewater Treatment CE 421 Foundation Design CE 442 Structural Steel Design CE 444 Reinforced Concrete Design CE 495A Civil Engineering Design Civil Engineering Design | T | | | 3 | | |
| CHM 166* General Chemistry II 5 CHEM 210 General and Inorganic Chemistry "Recommended to fulfill BS degree requirements 35 Intro to Probability & Statistics for Engineers CE 251 Basic Surveying ENGR 350A Mechanics of Materials Numerical Methods Numerical Methods CE 301 Intro to Resource Sustainability ENGR 3510L Environmental Engineering/Lab CE 310/310L Environmental Engineering/Lab CE 330 Civil Engineering Materials CE 340 Structures ENGR 370A Fluid Mechanics ENGR 370A Fluid Mechanics CE 418 Water & Wastewater Treatment CE 421 Foundation Design CE 442 Structural Steel Design CE 444 Reinforced Concrete Design CE 474 Hydraulic Engineering Design CE 495B Civil Engineering Design | T | | | | | |
| *Recommended to fulfill BS degree requirements CE 251 CE 263 ENGR 350A ENGR 351 ENGR 351 CE 301 CE 301 CE 301 CE 301 Intro to Probability & Statistics for Engineers Basic Surveying Mechanics of Materials Numerical Methods CE 301 Intro to Resource Sustainability Environmental Engineering/Lab CE 30/320L CE 30/320L CE 330 CIVI Engineering Materials CE 340 ENGR 370A ENGR 370A Fluid Mechanics CE 418 Water & Wastewater Treatment CE 421 Foundation Design CE 442 Structural Steel Design CE 444 Reinforced Concrete Design CE 474 Hydraulic Engineering Design CE 495B CIVIL Engineering Design CIVIL Engineering Design CIVIL Engineering Design | T | | | | | |
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| CE 263 Basic Surveying | 3 | Intro to Probability & Statistics for Engineers | CE 251 | | | |
| ENGR 350A Mechanics of Materials | 3 | | | | | |
| ENGR 351 Numerical Methods | 3 | | | | | |
| CE 301 Intro to Resource Sustainability CE 310/310L Environmental Engineering/Lab CE 320/320L Soil Mechanics/Lab CE 330 Civil Engineering Materials CE 340 Structures ENGR 370A Fluid Mechanics ENGR 370A Fluid Mechanics CE 418 Water & Wastewater Treatment CE 421 Foundation Design CE 442 Structural Steel Design CE 444 Reinforced Concrete Design CE 474 Hydraulic Engineering Design CE 495A Civil Engineering Design CE 495B Civil Engineering Design | 3 | | | | | |
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| CE 320/320L Soil Mechanics/Lab CE 330 Civil Engineering Materials CE 340 Structures ENGR 370A Fluid Mechanics CE 418 Water & Waster Treatment CE 421 Foundation Design CE 442 Structural Steel Design CE 444 Reinforced Concrete Design CE 474 Hydraulic Engineering Design CE 495A Civil Engineering Design CE 495B Civil Engineering Design | 4 | | | | | |
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| CE 495B Civil Engineering Design | 3 | | | | | |
| | 3 | | | | | |
| Of Electives Geo dept. for approved list | 12 | | | | | |
| | 64 | occ dopt. for approved list | OL LIGORIVES | | | |
| | 04 | + | + | | | |
| Total semester hrs completed with AES degree: 60 Total semester hrs completed with BS degree: | 75 | | Total compoter has completed with DC do | 60 | AES dograe: | Total competer has completed with |
| Total semester hrs completed with AES degree: 60 Total semester hrs completed with BS degree: | /3 | cc. | rotal semester in a completed with B5 det | 60 | ALS degree. | rotar semester his completed with |
| Dames Clara undated an 40/0/0000 by LD | 405 | | Total a manatan han to BO do more | | | Degree Blog undet de 10000000 |
| Degree Plan updated on 12/9/2022 by LB Total semester hrs to BS degree: | 135 | | lotal semester hrs to BS degree: | | A FR | Degree Plan updated on 12/9/2022 b |