**INSTITUTION DEGREE CHECK SHEET Institution:**

**Person submitting: Email:**

**Computer Science Systemwide Gen Ed and Transfer Associate in Science Degree**

The systemwide transfer degree provides a pathway from any Kansas public community college offering the associate degree to any Kansas public university offering the baccalaureate degree. The pathway identifies courses/credit hours taken at the community college level and reflects the Kansas Board of Regents (KBOR) General Education framework “buckets” (<https://www.kansasregents.org/academic_affairs/general-education/seven-bucket-framework>).

These courses/credit hours must be Systemwide Transfer (SWT) courses or recommended for SWT to be articulated at a future Kansas Core Outcomes Groups Conference. The courses will transfer to any public university as the first sixty hours toward the articulated degree. The remaining credit hours at the universities are the required courses to complete the baccalaureate degree.

**KBOR General Education Program (35 Credit Hours)**

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| **KRSN CODES** | **KRSN COURSE TITLE** | **INSTITUTION COURSE ID & TITLE** | **CREDIT HOURS** |
|  | **Bucket #1** | **English Discipline Area+**  | **Credit Hours: 6** |
| ENG1010 | English Composition I  |  |  |
| ENG1020 | English Composition II |  |  |
|  |  |  |  |
|  | **Bucket #2: Choose one** | **Communications Discipline Area+** | **Credit Hours: 3** |
| COM1010 | Public Speaking |  |  |
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|  | **Bucket #3: Choose one** | **Mathematics & Statistics Discipline Area+** | **Credit Hours: 4-5** |
| MAT2010  | Calculus I |  |  |
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|  | **Bucket #4** | **Natural & Physical Sciences Discipline Area+** | **Credit Hours: 4-5 (must include a lab)** |
| PHY1030 | Engineering Physics I with Lab |  |  |
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|  | **Bucket #5** | **Social and Behavioral Sciences Discipline Area+ (ECO1010 Microeconomics and any SWT course in Arts & Humanities Master Course List)** | **Credit Hours: 6** **at least two courses from two subject areas** |
| ECO1010 | Microeconomics (preferred) |  |  |
| PSY1010 | Introduction to Psychology |  |  |
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|  | **Bucket #6** | **Arts & Humanities Discipline Area+ (PHL1030 Logic & Critical Thinking and any SWT course in Arts & Humanities Master Course List)** | **Credit Hours: 6** **at least two courses from two subject areas** |
| PHL1030  | Logic and Critical Thinking  |  |  |
| **No preference for other course in this bucket – any SWT course in Arts & Humanities Master Course List that is not a philosophy course *(insert additional rows as needed)*** |
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|  | **Bucket #7**  | **Bucket #7 (MAT2020 Calculus II and SWT Course within the Master Course list to complete a minimum of 6 credit hours required for Bucket 7)** | **Credit Hours: 6**  |
| MAT2020  | Calculus II |  |  |
| **No preference for other course in this bucket – any SWT course in Bucket 7 Master Course List *(insert additional rows as needed)*** |
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|  |  | **TOTAL GEN ED CREDIT HOURS** | **34-35** |

**Computer Science Program (25 Credit Hours)**

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| --- | --- | --- | --- |
|  | **Required Courses** |  | **Credit Hours** |
| PHY2030  | Engineering Physics II with Lab |  |  |
| CSC1020 | Programming Fundamentals |  |  |
| ***If your institution does not offer CSC1030 Object-Oriented Programming, you will have to create one and submit to SWT to offer this program.*** |
| CSC1030 | Object-Oriented Programming |  |  |
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| ***These courses need to be developed if the institution wants to offer this degree program by Fall 2025. These courses will be articulated at the 2025 KCOG. (Colleges are encouraged to check with appropriate university for current learning outcomes for the university courses.*** |
| MATXXXX (recommended new SWT course at 2025 KCOG) | Discrete Structures |  | 3 |
| CSCXXXX (recommended new SWT course at 2025 KCOG) | Data Structures  |  | 3-4 |
| CSCXXXX (recommended new SWT course at 2025 KCOG) | Intro. to Digital Design |  | 4 |
| MAT2030 | Differential Equations |  |  |
|  |  |  |  |
|  |  | **TOTAL PROGRAM CREDIT HOURS** | **25-27** |
|  |  |  |  |
|  |  | **DEGREE CR HRS (GE and PROGRAM)\*** | **60 (minimum)** |

Reference for Systemwide Transfer (SWT) identification: <https://www.kansasregents.org/academic_affairs/transfer-articulation>

\*Depending on the courses taken and credit hours awarded, the student may need additional coursework to reach the minimum 60 credit hours for an associate degree.