| Bachelor of Arts - Computer Science New Degree Requirements Worksheet 127 Credits |  |  |  | Student Name: |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | ID: |  |  |  |
|  |  |  |  | GPA: |  |  |  |
| REQUIRED CORE COURSES |  |  |  | REQUIRED CCS COURSES |  |  |  |
| Completed | Course | Title | PrerequisitesPlacement OR B in Math 139 | Completed | Course | Title | Preerequisites |
|  | Math 111 | Calculus1 (4 creaits) |  |  | CS 100 | Roadmap to Computing | N/A |
|  | Math 112 | Calculusil\| (4 creaits) | C in Math 111 |  | CS 113 | Introduction to Computer Science | C in CS 100 |
|  | Math 244/Math 333 | Probability \& Statistics | C in Math 112 |  | CS 114 | Introduction to Computer Science II | C in CS 113 |
|  | Math Elective - Restricted* |  | Math 244/333 |  | CS 241 | Foundations of Computer Science I | C in CS 114 AND Math 112 |
|  | PHYS 111 | Physis 1 |  |  | CS 252 | Computer Orgarization \& Architecture | C in CS 113 |
|  | PHYs 111 A | Physics L Lab |  |  | CS 280 | Programming language Concepts | C in CS 114 |
|  | Science 1** | в10/CHEm/PHYs |  | $\square$ | CS 288 | Intensive Programming in Linux | C in CS 114 AND CS 280 |
|  | Science ILab** | B10/CHEm/PHYS |  |  | cs 332 | Principles of Oerating Systems | C in CS 114 |
|  | Sciencel 1 ** | BIO/CHEM/PHYS |  |  | 15350 | Computers, Society \& Ethics | $\begin{gathered} \hline \text { Cin CS } 100 \text { AND HUM } 101 \\ \text { AND (1) SS COURSE } \\ \hline \end{gathered}$ |
|  | Science II Lab** | в10//HEM/PHYS |  | $\square$ | cs 356 | Introduction to Computer Networks | C in CS 288 |
|  | Interisiciplinary Elective $1^{* * *}$ |  |  | $\square$ | cs 431 | Database System Design \& Management | C in CS 114 |
|  | Interisiscilinary Elective $2^{* * *}$ |  |  | $\square$ | cs 435 | Advanced Data Structures \& Algorithm Design | C in CS 241 AND CS 288 |
|  | Interisiscipinary Elective $3^{* * *}$ |  |  | $\square$ | cs 490 | Guided Design in Software Engineering | CS 288 |
|  | CS 107 | Computing as a Career | Freshman standing |  | CS/TT 491 | Senior Project | Senior standing |
|  | CS 207 | Computing \& Effective Communication | Sophomore standing |  | cs flective | Must be 200 level or above |  |
|  | cs 407 | Professional Development in Computing | Senior standing |  | CS/IS/T Elective | Must be 200 level or above - co-op credit allowed |  |
|  |  |  |  | OTHER CREDITS (CREDITS DO NOT COUNT TOWARDS DEGREE REQUIRMENTS) |  |  |  |
|  |  |  |  | Completed | Course | Title | Prerequisites |
| GENERAL UNIVERSITY REQUIREMENT COURSES (GUR) |  |  |  | - |  |  |  |
| Completed | Course | Title | Prerequisites |  |  |  |  |
|  | Hum 101 | English Composition: Writitin, Speaking, Thinking I | Placement OR C in HUM 099 |  |  |  |  |
|  | Hum 102 | English Composition: Writitg, Speaking, Thinking II | C in Hum 101 | $\square$ |  |  |  |
|  | HUM 211/HUM 212/HIST 213 | The Pre-Modern World/The Modern World/ The Twentieth-Century World | Cin HUM 102 |  |  |  |  |
|  | Social Science 1* $^{*}$ |  |  |  |  |  |  |
|  | Social Science I** |  |  |  |  |  |  |
|  | ENG 300/352 | Oral Presentations/ Technical Writing | Cin HUM 102 AND HUM 211/212/HIST 213 | REVIEW DATES \& ADDITIONAL NOTES |  |  |  |
|  | MGMT 390/E 492 | Principles of Management/Engineering Management | Junior OR Senior standing | You can earn up to six coo- op credits. For more information please visit C CS: : jit.edu/cds/students/co-op/index.php |  |  |  |
|  | Upper LTT/PHIL/HITT/STS | 300/400 level | C in HUM 102 AND HUM 211/212/HIST 213 C in HUM 102 AND HUM 211/212/HIST 213 AND Upper LTTPHIL/HIST/STS AND Senior standing |  |  |  |  |
|  | Humanities Senior Seminar | HSS 400 level |  |  |  |  |  |
|  | Lower General Elective $1^{* *}$ | $100 / 200$ level |  | Label key |  |  |  |
|  | Lower General Elective $2^{* * *}$ | $100 / 200$ evel Math or Science elective |  | Have not taken this course |  |  |  |
|  | Upper General Elective 1** | 300/400 level |  | Courses in progress |  |  |  |
|  | Upper General Elective $2^{* *}$ | 300/400 level - co-op credit allowed |  | Will register for this course |  |  |  |
|  | Physical Education 1 |  |  | Completed course |  |  |  |
|  | Physical Education II |  |  | Pending transfer credit |  |  |  |
| *Social Science Courses: ECON 201/265/266, EPS 202, STS 201/210/221, RU Psychology/Sociology/Criminal Justice/Anthropology/Political Science. |  |  |  | ACADEMIC ADVISOR: |  |  |  |
| **One elective MUST be from CS/IS/IT/Math/Science/Engineering. ${ }^{* * *}$ This elective MUST be Math or Science. |  |  |  | ACADEMIC ADVISOR EMAIL: |  |  |  |

