# AGREEMENT BETWEEN
## IVY TECH COMMUNITY COLLEGE AND
## IUPUI FOR THE TRANSFER OF CREDITS EARNED IN THE ASSOCIATE OF SCIENCE IN INFORMATICS TSAP (Transfer As A Junior) TO THE BACHELOR OF SCIENCE IN COMPUTER AND INFORMATION TECHNOLOGY
### Fall 2019

The purpose of this agreement is to provide a framework for the transfer of credits earned in the Associate of Science in Informatics at Ivy Tech Community College (ITCC) into the Bachelor of Science in Computer and Information Technology at IUPUI.

The faculty of both institutions have worked together to develop the attached listings of course equivalencies, course requirements for the associate degree, and course requirements for the completion of the baccalaureate degree. The agreement applies to courses taken at ITCC beginning fall 2018. Courses covered by previous transfer agreements still in effect will transfer as specified in those agreements. All other course work taken prior to fall 2018 will be evaluated by the faculty of IUPUI to determine transferability. A maximum of 64 community college credits may be applied toward the BS in Computer and Information Technology.

This agreement becomes effective when all signatures are affixed and remains in effect for two years from that date (of last signature). After two years, the agreement may be renewed with or without modification by mutual agreement of ITCC and IUPUI.

Both institutions agree to keep the other aware of curriculum changes as they occur. While both parties to the agreement understand its purpose is to maximize transfer opportunities for students, they also recognize that limits may be placed on courses accepted under the provisions of this agreement, should the student subsequently decide to change to another program not covered by the agreement.

Agreed to <u>August 15, 2019</u>
For Ivy Tech Community College

For IUPUI

_Kara N. Monroe_
_____
Kara Monroe, Ph.D.
Provost/Senior Vice President

_Kathy Johnson_
_____
Kathy Johnson, Ph.D.
Executive Vice Chancellor and
Chief Academic Officer

_Russell D. Baker_
_____
Russell D. Baker, Ed.D.
Vice President for Academic Affairs

*David J. Russomanno*
David J. Russomanno (Aug 20, 2019)
_____
David J. Russomanno, Ph.D.
Dean
School of Engineering and Technology

_Feng Li_
Feng Li (Aug 20, 2019)
_____
Feng Li, Ph.D.
Chair, Computer Information and Graphics
Technology
School of Engineering and Technology

# Ivy Tech Community College

**Core Curriculum - Curriculum of Record**

**Associate of Science in Informatics Transfer as a Junior (TSAP)**

Full Time

**2019 - 2020**

Program Code: INFT
Distance Program Code: 3INT

The following suggested sequence includes all course requirements for this degree. You must consult with an academic advisor to determine which Transfer Cluster Electives should be chosen to receive the most credit at the receiving college or university.

Transfer General Education Core

Bloomington - Evansville - Fort Wayne - Indianapolis - Richmond – Terre Haute –
ALSO AVAILABLE STATEWIDE VIA DISTANCE EDUCATION

| | | Semester 1 | |
|---|---|---|---|
| * | ENGL 111 | English Composition | 3 |
| | INFM 109 | Informatics Fundamentals | 3 |
| | ITSP 135 | Hardware/Software Support | 4 |
| | IVYT 111 | Student Success in University Transfer | 1 |
| * | MATH 136 | College Algebra (QR) | 3 |
| | SDEV 120 | Computing Logic | 3 |
| | | **Total Semester Credit Hours: 17** | |
| | | Semester 2 | |
| | SDEV 140 | Introduction to Software Development | 3 |
| | DBMS 110 | Database Design and Management | 3 |
| * | COMM 101 | Fundamentals of Public Speaking (SL, required) | 3 |
| * | XXXX XXX | Social and Behavioral Ways of Knowing | 3-4 |
| &* | MATH 137 | Trigonometry with Analytic Geometry (QR) | 3-4 |
| | | **Total Semester Credit Hours: 15** | |
| | | Semester 3 | |
| * | PHIL 102 | Introduction to Ethics (HA) | 3-4 |
| * | XXXX XXX | Scientific Ways of Knowing Elective | 3-5 |
| | NETI 105 | Network Fundamentals | 3 |
| | SDEV 153 | Web Site Development | 3 |
| * | XXXX XXX | Transfer General Education Core (TGEC) Elective | 3 |
| | | **Total Semester Credit Hours: 15** | |
| | | Semester 4 | |
| | CPIN 239 | Systems Analysis and Design | 3 |
| ^ | CPIN 279 | Computing and Informatics Exploration and Evaluation | 1 |
| | CSIA 105 | Introduction to Cyber Security/Information Assurance | 3 |
| * | XXXX XXX | Scientific Ways of Knowing Elective | 3-5 |
| * | XXXX XXX | Transfer General Education Core (TGEC) Elective | 3 |
| | | **Total Semester Credit Hours: 13** | |

### Symbol Key

**^** Capstone Course
**\*** Required for Transfer General Education Core (TGEC) Certificate
The Transfer General Education Core – TGEC – Certificate requirements for this degree require a minimum of 30 credits. The TGEC Certificate requires a minimum of one course from six areas of study. The number of TGEC elective courses shown above may vary based on required TGEC course credits earned, area of study, and the student's Individual Academic Plan. The remaining degree requirements provide a mechanism for students to obtain the required minimum 60 credits to graduate with the appropriate Associate level transfer degree.
**&** Required for TGEC certificate; MATH 123 Quantitative Reasoning is not appropriate selection to satisfy the Mathematics requirement.

AS Informatics = **60 credits**

# IUPUI Curriculum
## Bachelor of Science in Computer and Information Technology

A fall program start at IUPUI is recommended due to course sequencing.

| | | | |
|---|---|---|---|
| **Semester 5** | | | |
| | CIT 20700 | Data Communications | 3 |
| | CIT 21400 | Intro to Data Management | 3 |
| | 20000 Prog. | 20000 Programming: CIT 21500, 24200 or 27000 | 3 |
| # | Concentration | CIT Concentration 1 | 3 |
| | CIT 22000 | Quantitative Analysis II | 3 |
| | | **Total Semester Credit Hours:15** | |
| **Semester 6** | | | |
| # | Concentration | CIT Concentration 2 | 3 |
| # | Concentration | CIT Concentration 3 | 3 |
| | CIT 37300 | Visual Design for Software | 3 |
| | CIT 32000 | Quantitative Analysis III | 3 |
| | OLS 37100 | Project Management | 3 |
| | | **Total Semester Credit Hours:15** | |
| **Semester 7** | | | |
| # | Concentration | CIT Concentration 4 | 3 |
| # | Concentration | CIT Concentration 5 | 3 |
| # | Concentration | CIT Concentration 6 | 3 |
| | CIT Select | | 3 |
| | OLS 25200 | Human Behavior in Organizations | 3 |
| | | **Total Semester Credit Hours:15** | |
| **Semester 8** | | | |
| # | Concentration | CIT Concentration 7 | 3 |
| # | Concentration | CIT Concentration 8 | 3 |
| | RISE | CIT 48500, CIT 49000, Internship | 3 |
| | XXXX XXX | General elective to reach 120 total credits | 3 |
| | TCM 3/400 | Any 3/400 level TCM course | 3 |
| | | **Total Semester Credit Hours:15** | |

Total Credit Requirement to earn BS in Computer and Information Technology =**120 credits**

# Exact courses taken vary based upon Concentration selected.