

# Computer Information Technology Accelerated BSMS Degree

## Integrated, 5-year, combined BSMS degree

No need to take the GRE - 144 credit hours to get both a BS and MS!

This combined degree program will provide high quality students with intensive training and the opportunity to do supervised, applied research in an area of Computer Information Technology (CIT). You will receive two degrees in fewer years than it would take to pursue these degrees sequentially.

Gain advanced proficiency and participate in research in cutting-edge IT areas and get the Master of Science in Technology degree from Purdue, in addition to your Bachelor of Science in CIT. Nine credit hours count toward both the BS and MS degrees. Graduate classes are offered weekday evenings, so you can finish your graduate degree in one year, while working full time.

Advanced degrees such as the Master of Science in Technology degree from Purdue will lead to many career opportunities. In the combined degree program, take just 24 credit hours of graduate courses, with minimum impact on your work/life balance, and you will have both the Purdue MS and BS degrees!



IUPUI



[cit.iupui.edu](http://cit.iupui.edu)

## Careers

With the Master of Science in the IT field, you will have a promising career outlook in high demand in the global market. The annual salary expectations are much higher than BS graduates from information technology, computer science, or engineering programs.

Students will have the chance to become student members of the Purdue CERIAS center or work on data analytic projects for industry leaders in the Indy area. Students also have the opportunity to work as research assistants in industry sponsored projects or NSF funded research and education projects.

## Master's Degree Application Requirements

In the CIT Bachelor's program, with GPA above 3.1 for the first 84 credit hours.

- Resume
- A Statement of Purpose
- Three Letters of Reference

The student should discuss this program with his or her undergraduate academic advisor first. For more information visit <http://go.iupui.edu/cit5year>  
All applications should be submitted to Sheila Walter: [skwalter@iupui.edu](mailto:skwalter@iupui.edu).



## IUPUI

Indiana University-Purdue University Indianapolis is a premier urban campus located in Indianapolis, the 14th largest city in the U.S. [www.iupui.edu](http://www.iupui.edu)

## Purdue Degree

Students earn a Purdue University degree taught by Purdue graduate faculty.

## Scholarships

Partial scholarships are available for exceptional full-time MS students and are awarded by the CIT program.  
[scholarships.engr.iupui.edu](http://scholarships.engr.iupui.edu)

## Five-Year Combined BSCIT/MSTECH Program in CIT

### Year 1

| First Semester                          | SCH       | Second Semester                          | SCH       |
|---|-----------|--|-----------|
| CIT 11200 Info Tech Fundamentals        | 3         | CIT 12000 Quantitative Analysis I        | 3         |
| CIT 21200 Web Site Design               | 3         | CIT 14000 Prog Constructs Laboratory     | 3         |
| ENG-W 131 Reading, Writing, and Inquiry | 3         | CIT 17600 Information Tech Architecture  | 3         |
| MATH 15900 Precalculus                  | 5         | COMM-R 110 Fund of Speech Communications | 3         |
|   |           | Cultural Understanding                   | 3         |
| <b>TOTALSCH</b>                         | <b>14</b> | <b>TOTALSCH</b>                          | <b>15</b> |

### Year 2

| First Semester                            | SCH       | Second Semester                      | SCH       |
|---|-----------|--------------------------------------|-----------|
| CIT 20700 Data Communications             | 3         | CIT Concentration 1                  | 3         |
| CIT 21300 Systems Analysis & Design       | 3         | CIT 20200 Network Fundamentals       | 3         |
| CIT 21400 Intro to Data Management        | 3         | CIT 20300 Info Security Fundamentals | 3         |
| 20000 Prog CIT 21500 or 24200 or 27000    | 3         | CIT 22000 Quantitative Analysis II   | 3         |
| OLS 25200 Human Behavior in Organizations | 3         | TCM 25000 Career Planning            | 1         |
|   |           | Science - Select from Common Core    | 3         |
| <b>TOTALSCH</b>                           | <b>15</b> | <b>TOTALSCH</b>                      | <b>16</b> |

### Year 3

| First Semester                            | SCH       | Second Semester                                 | SCH       |
|---|-----------|---|-----------|
| CIT Concentration 2                       | 3         | CIT Concentration 3                             | 3         |
| CIT 37300 Visual Design for Software      | 3         | CIT Concentration 4                             | 3         |
| <b>OLS 57100 Project Management</b>       | 3         | TCM Select any 300/400 level TCM course         | 3         |
| OLS 26300 Ethical Decisions in Leadership | 3         | CIT Select Any CIT Course                       | 3         |
| Science - Select from Common Core         | 3         | Hum/Soc Sci, Arts/Humanities, or Social Science | 3         |
| <b>TOTALSCH</b>                           | <b>15</b> | <b>TOTALSCH</b>                                 | <b>15</b> |

### Year 4

| First Semester  | SCH       | Second Semester                 | SCH       |
|---|-----------|---------------------------------|-----------|
| CIT Concentration 5   | 3         | CIT Concentration 7             | 3         |
| CIT Concentration 6   | 3         | CIT Concentration 8             | 3         |
| <b>TECH 50700 Measurement and Evaluation in Industry and Technology</b> | 3         | IT Experience                   | 3         |
| <b>CIT Elective TECH/CIT 5XXXX</b>                                      | 3         | CIT Elective Any College Course | 3         |
| CIT Elective Any College Course   | 3         | CIT Elective Any College Course | 3         |
| <b>TOTALSCH</b>   | <b>15</b> | <b>TOTALSCH</b>                 | <b>15</b> |

### Year 5

| First Semester                    | SCH       | Second Semester   | SCH       |
|-----------------------------------|-----------|---|-----------|
| TECH/CIT 5XXXX Elective           | 3         | TECH/CIT 5XXXX Core Course                                  | 3         |
| TECH/CIT 5XXXX Elective           | 3         | CIT 5XXXX Concentration Core Course                         | 3         |
| CIT 5XX Concentration Core Course | 3         | CIT 5XXXX/6XXXX Elective                                    | 3         |
| CIT 5XX Concentration Core Course | 3         | TECH 58100 Directed Project (Project Option) or CIT 5XX/6XX | 3         |
| <b>TOTALSCH</b>                   | <b>12</b> | <b>TOTALSCH</b>   | <b>12</b> |

**TOTALSCH = 144**

NOTES (1) = From Approved Humanities or Social Science Elective List; (2) = From Approved Science Elective List; (3) = From Approved Technical Elective List; (4) = From Approved Electrical Engineering Elective List; (5) = From Lists 1-4