

# IUPUI | DEPARTMENT OF COMPUTER AND INFORMATION SCIENCE

SCHOOL OF SCIENCE

A Purdue University School  
Indianapolis

## Minor in Computer and Information Science

Students completing the minor in computer and information science must have a cumulative 2.5 GPA for required minor courses. No grade below a C- is acceptable. At least 9 hours of the minor must be taken in residence at IUPUI. Students who have requested and received approval for the waiver of CSCI 23000, must replace that course with another CSCI major course; for such students, the minimum total computer science credit hour requirement for receiving this minor may be relaxed to 19.

Course	Grade	Term
CSCI 23000 Computing I P/C: MATH 15300 (4)		
CSCI 24000 Computing II P: CSCI 23000 (4)		
CSCI 34000 Discrete Computational Structures P: MATH 15300 & CSCI 23000 (3)		
CSCI 36200 Data Structures P: CSCI 34000 (3)		
Approved CSCI Elective (3)		
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### Approved Electives

CSCI 30000 Systems Programming  
CSCI 35500 Introduction to Programming Languages  
CSCI 36300 Software Design  
CSCI 40200 Computer Architecture  
CSCI 40300 Operating Systems  
CSCI 43200 Security in Computing  
CSCI 43500 Multimedia Information Systems  
CSCI 43600 Principles of Computer Networking  
CSCI 43700 Introduction to 3D Game Graphics  
CSCI 43800 Advanced Game Development  
CSCI 44300 Database Systems  
CSCI 44800 Biometric Computing  
CSCI 45000 Principles of Software Engineering  
CSCI 48100 Data Mining  
CSCI 48400 Theory of Computation  
CSCI 48700 Artificial Intelligence  
CSCI 49000 Variable Title  
CSCI 49500 Explorations in Applied Computing  
MATH 41400/CSCI 41400 Numerical Methods

CSCI-N300 Mobile Computing Fundamentals  
CSCI-N311 Advanced Database Prog., Oracle  
CSCI-N317 Comp. for Scientific Applications  
CSCI-N341 Client-Side Web Programming  
CSCI-N342 Server Side Web Development  
CSCI-N361 Software Project Management  
CSCI-N410 Mobile Computing Application Dev.  
CSCI-N431 E-Commerce with ASP.NET  
.CSCI-N499 Topics in Applied Computing