

# INFORMATION SYSTEMS, CERTIFICATE

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The Information Systems Certificate program is designed to meet the needs of individuals who already hold a bachelor's degree in another area, either in business with a concentration in another field or outside of business, and who now wish to acquire information systems competence. The certificate may be earned by regularly matriculating students who complete the listed CSUDH courses, or show evidence of having done so elsewhere, where an overall GPA of no less than 2.5. At least four of the Information Systems Curriculum courses must be taken at CSUDH, and the certificate will be granted upon completion of requirements.

## Requirements

Code	Title	Hours
CIS 270	Info Sys/Tech Fundamentals	3
CIS 370	Info Sys Theory and Practice	3
Select one of the following Options:		15
Option 1: Systems Design and Management:		
CIS 372	Systems Analysis and Design	
CIS 373	Database Systems	
CIS 474	Project Management Fundamentals	
Select two of the following courses:		
CIS 272	Business Programming I	
CIS 275	Internet Literacy	
CIS 276	Personal Product with IS Tech	
CIS 370	Info Sys Theory and Practice	
CIS 371	Business Programming II	
CIS 375	Data Communications	
CIS 471	Adv Network Based Applications	
Option 2: Network Application		
CIS 275	Internet Literacy	
CIS 375	Data Communications	
CIS 471	Adv Network Based Applications	
Select two of the following courses:		
CIS 272	Business Programming I	
CIS 276	Personal Product with IS Tech	
CIS 370	Info Sys Theory and Practice	
CIS 371	Business Programming II	
CIS 372	Systems Analysis and Design	
CIS 474	Project Management Fundamentals	
<b>Total Hours</b>		<b>21</b>