



Bachelor of Science in:
Computer Science

For Students Following the:
2011-2012 catalog
2012-2013 catalog
2013-2014 catalog
2014-2015 catalog
2015-2016 catalog
2016-2017 catalog

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|---------------|
| Name: |
| Student ID: |
| Catalog Year: |

Version 1.1

| SUPPORT COURSES (15 Hours) | | | | | |
|----------------------------|------------|----------------------|------|-------|--|
| Course | Pre-req | Credits | Term | Grade | |
| MAT 128 | Calculus A | MAT 119 (\geq B-) | 3 | | |
| MAT 227 | Calculus B | MAT 128 | 3 | | |
| MAT 228 | Calculus C | MAT 227 | 3 | | |

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| OFFICE USE ONLY |
| Approved |
| Exceptions |
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OR

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|---------|-------------|----------------------|---|--|--|
| MAT 129 | Calculus I | MAT 119 (\geq B-) | 4 | | |
| MAT 229 | Calculus II | MAT 129 or MAT 227 | 5 | | |

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AND

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| STA 250 | Probability and Statistics I | MAT 129 or Co-req MAT 227 | 3 | | |
| MAT 385 | Discrete Mathematics | MAT 228 or MAT 229 | 3 | | |

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| INFORMATICS CORE COURSES (12 Hours) | | | | | |
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| Course | Pre-req | Credits | Term | Grade | |
| INF 120 | Elementary Programming (or placement) | MAHD099 | 3 | | |
| INF 282 | Introduction to Databases | MAHD099 | 3 | | |
| INF 284 | Introduction to Network and Data Communication | MAT 109 & INF 110 or INF 120 or CIT 130 | 3 | | |
| OR | | | | | |
| CIT 247 | Networking Fundamentals | CIT 130 | 3 | | |
| INF 286 | Introduction to Web Development | MAT 109 & INF 110 or INF 120 | 3 | | |

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| COMPUTER SCIENCE CORE COURSES (27 Hours) | | | | | |
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| Course | Pre-req | Credits | Term | Grade | |
| CSC 260 | Object-Oriented Programming I | MAT 109 & INF 110 or INF 120 | 3 | | |
| CSC 360 | Object-Oriented Programming II | INF/CSC 260 & MAT 119 (\geq B-) | 3 | | |
| CSC 362 | Computer Systems | CSC 360 | 3 | | |
| CSC 364 | Data Structures and Algorithms | CSC 360 | 3 | | |
| CSC 402 | Advanced Programming Methods | CSC 362 & CSC 364 | 3 | | |
| CSC 439 | Software Testing & Maintenance | CSC 364 & Senior Standing | 3 | | |

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| CSC 440 | Software Engineering | CSC 402 & CSC 439 & Senior Standing | 3 | | | |
| CSC 460 | Operating Systems | CSC 362 & CSC 364 | 3 | | | |
| CSC 485 | Theory of Computation | MAT 385 | 3 | | | |

| ELECTIVES (9 Hours) | | | | | |
|----------------------------|--|----------------|----------------|-------------|--------------|
| Course | | Pre-req | Credits | Term | Grade |
| CSC 3xx-4xx | | | 3 | | |
| CSC 4xx | | | 3 | | |
| CSC 4xx | | | 3 | | |

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