

## **BS-MIS CONCENTRATION ELECTIVES**

**(Choose 8 from one area below)**

### **Computer Systems Infrastructure**

MS-389 Data Center Management

MS-419 CompTia A+

MS-4211 MS Windows Server 2003

MS-4221 MS Windows 2003 Active Directory

MS-4231 MS Windows 2003 Network Infrastructure

MS-4241 Designing Windows 2003 Active Directory & Network Infrastructure

*MS-4251 Designing Windows 2003 Network Infrastructure (pending approval)*

*MS-4261 Designing Windows 2003 Network Security (pending approval)*

MS-4715 **or** MS-4716 Foundations of Novell Networking

MS-4733 Novell e-Directory Design & Implementation

MS-4745 Novell Network Management

*MS-478 Fundamentals of Wide Area Networking (retired Fall, 2005)*

MS-479 CompTia Network+

MS-4795 CompTia Security+

*MS-484 Business Use & Management of Networks (retired Fall, 2005)*

### **Application Support and Development**

MS-275 Advanced Design for Web Sites

MS-277 Web Graphics/Multimedia

MS-2775 Servlets for the Web<sup>1</sup>

MS-2777 Web JavaServer Pages<sup>2</sup>

MS-3804 Advanced Java Programming

MS-3805 Introduction to Enterprise Java Programming<sup>1</sup>

MS-3806 Intermediate Enterprise Java Programming<sup>2</sup>

MS-3807 Advanced Enterprise Java Programming

MS-388 Computer Systems Analysis and Design II

MS-480 XML/XSL Programming

MS-481 Introduction to C#

MS-482 Active Server Pages (ASP.NET)

MS-4831 Advanced Database Management Systems

MS-486 Web Services

MS-488 Wireless Programming

---

<sup>1</sup> Either MS-2775 or MS-3805 satisfies as a concentration elective in the BS-MIS degree, not both.

<sup>2</sup> Either MS-2777 or MS-3806 satisfies as a concentration elective in the BS-MIS degree, not both.