

**JON M. HUNTSMAN SCHOOL OF BUSINESS**  
**MANAGEMENT INFORMATION SYSTEMS (5/10/2010)**  
 CHECKLIST OF REQUIREMENTS FOR MASTER OF SCIENCE

The Master of Science in Management Information Systems at the Jon M. Huntsman School of Business provides a unique blend of technical knowledge, business acumen, and project management skills integrating lean manufacturing principles (33 Credits).

The **core** consists of 15 credits of advanced coursework in information systems areas including database management, systems analysis, data communications, and systems development. **Electives** in the Management Information Systems program vary depending on your chosen track.

<ul style="list-style-type: none"> <li>• Candidates who have not graduated from an AACSB accredited business program must complete the Business Foundations accelerated core.</li> <li>• Graduate equivalents can count up to 9 credits as electives toward the degree.</li> <li>• Program of Study must be approved by the student's committee</li> <li>• Changes to the checklist must be approved by MIS department head.</li> </ul>	<p style="text-align: center;"><i>Did you know...</i></p> <p>Computer and Information Systems Managers are listed as a Utah 5-star occupation through 2016 with a median salary of \$90,480. A 5-star designation indicates strongest employment outlook and high wages.</p> <p style="text-align: right;">- Utah Department of Workforce Services (April, 2009)</p>	
<p><b>Business Foundations (non-Business majors)</b></p> <p>-Complete portions of the Huntsman School of Business accelerated core (10.5 credits) in a summer session (ACCT 6010 (3), FIN 6410 (1.5), ECON 6050 (3), MGT 6055 (1.5), MGT 6075 (1.5).                  - STAT 2300 (3)                  - MIS 6150 (3) Communications or GMAT Verbal &gt; 40%</p>		
<p><b>MIS Core:</b></p> <p>Required Prerequisites (0-6 credits) (non-MIS):</p> <p>_____ MIS 6230 Management of Database Systems (F/Sp 3 cr.)                  _____ MIS 6500 IS Programming (F/Sp 3 cr.)</p> <p>Required (15 credits):</p> <p>_____ MIS 6110 MIS Strategy (Sp 3 cr.)                  _____ MIS 6120 IS Development (Sp 3 cr.)                  _____ MIS 6200 Data Communications (F 3 cr.)                  _____ MIS 6330 Database Implementation (Sp 3 cr.)</p> <p><i>MIS Projects (At least ONE of the following):</i></p> <p>_____ MIS 6350 Performance Imp. Projects (F 3 cr.)                  _____ MIS 6700 Strategy for Ecommerce (F 3 cr.)                  _____ MGT 6730 Continuous Improvement (F/Sp 3 cr.)</p>	<p><b>Elective Recommendations:</b>                  (Undergraduate degree in MIS or related field)</p> <p><b>IT Management Track</b> compliments students with a technical background in MIS by providing a managerial focus based in lean IT principles. Coursework includes operations management, decision making, global strategy, and entrepreneurship. This track prepares graduates for management level and executive positions in organizations.</p> <p>Electives – (12-18 credits):</p> <p>_____ MGT 6300 Leadership &amp; Op. Excellence (F 3 cr.)                  _____ ACCT 6350 Managerial Decision Making* (F 3 cr.)                  _____ MGT 6890 Global Strategy (Su 3 cr.)                  _____ MGT 6310 Managerial Economics (Sp 3 cr.)                  _____ BUS 6860 Research Methods (F 3 cr.)                  _____ MIS 6510 IS for Business (Su 3 cr.)                  _____ Other approved 6000 level courses (F/Sp 3 cr.)</p> <p>No more than 1 of the following:</p> <p>_____ MIS 6950 Independent Study (F/Sp 3 cr.)                  _____ MIS 6250 Internship (F/Sp 3 cr.)</p>	<p><b>Elective Recommendations:</b>                  (Undergraduate degree outside MIS)</p> <p><b>Information Technology Track:</b> provides a marketable foundation in IT application theory and development. Coursework includes human communication interaction, security, and advanced web development. This track prepares graduates for career opportunities as web developers, database administrators, and business analysts.</p> <p>Electives – (12-18 credits):</p> <p>_____ MIS 6450 HCI Design (3 cr.)                  _____ MIS 6800 Security Bus Info Systems (Sp 3 cr.)                  _____ MIS 6050 ASP.net (F 3 cr.)                  _____ MIS 6650 Advanced Web Development (Sp 3 cr.)                  _____ MIS 5150 Sp. Topics/Emerging Tech (3 cr.)                  _____ MIS 5350 Financial Modeling/Apps (Sp 3 cr.)                  _____ Other approved 6000 level courses (F/Sp 3 cr.)</p> <p>No more than 1 of the following:</p> <p>_____ MIS 6950 Independent Study (F/Sp 3 cr.)                  _____ MIS 6250 Internship (F/Sp 3 cr.)</p>