

CIS Tracks

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Present CIS Major Requirements

- * **University Core Requirements (50 hours)**
- * **Business Requirements (31 hours): College of Business Core, which includes MNGT 452.**
- * **Electives, including at least 3 hours of 300/400 level courses (10 hours)**
- * **Computer Information System Requirements (33 hours):**
- * **CIS 111 Introduction to Programming Logic 3 hours**
- * **CIS 305 Management Information Systems 3 hours**
- * **CIS 361 Using VBA 3 hours**
- * **CIS 367 Data Communications 3 hours**
- * **CIS 375 Systems Analysis and Design 3 hours**
- * **CIS 377 Introduction to Database Concepts 3 hours**
- * **CIS 454 Managing Information Technology 3 hours**
- * **CIS 476 Web Development 3 hours**
- * **CIS 477 Applied Software Development Project 3 hours**
- * **Choice of one set of programming language courses (6 hours)--CS 201 and CS301 OR CS288 and CS388 OR CS259 and CS359**

Proposed CIS Requirements

- * **University Core Requirements (50 hours)**
- * **Business Requirements (31 hours): College of Business Core, which includes MNGT 452.**
- * **Electives, including at least 3 hours of 300/400 level courses (10 hours)**
- * **Computer Information System Core Requirements (21 hours):**
 - * **CIS 111 Introduction to Programming Logic 3 hours**
 - * **CIS 305 Management Information Systems 3 hours**
 - * **CIS 367 Data Communications 3 hours**
 - * **CIS 375 Systems Analysis and Design 3 hours**
 - * **CIS 377 Introduction to Database Concepts 3 hours**
 - * **CIS 454 Managing Information Technology 3 hours**
 - * **CIS 477 Project Management & Applied Software Development 3 hours**

Proposed CIS Tracks

Enterprise Web Development Track	Application Development Track	IS Management Track
<p>CIS276 – Intro to Web Development</p> <ul style="list-style-type: none"> • Hi level overview of business application development • Graphics, technical writing, technologies • Business cases for successful/unsuccessful applications 	<p><i>CS259 – Beginning C#</i></p>	<p>CIS325-- Security and Risk Management</p>
<p>CIS376 – Web Client Development</p> <ul style="list-style-type: none"> • HTML, DHTML, XML, CSS, JavaScript 	<p><i>CS359 – Advanced C#</i></p>	<p>CIS335--Special Topics in Informatics</p>
<p>CIS476 – Server Side Web Development</p> <ul style="list-style-type: none"> • Php, MySQL 	<p>CS459 – Enterprise C# --ASP .NET using C#</p>	<p>CIS 385-- Enterprise Resources Planning -- ERP</p>
<p>Require one course from IS Management track</p>	<p>Require one course from IS Management track</p>	<p>Requires one course from Application Development Track</p>