Information Systems, MS

For an overview of the program click here (https://www.uah.edu/business/grad/degrees/ms-is/).

Program Prerequisites

Program prerequisites include a bachelor’s degree in any field and demonstration of competency in each of the following areas:

1. **Computer Applications Competency.** Students must demonstrate this competency by passing an on-line computer applications competency exam or by successful completion of the IS 146 or its equivalent. IS 146 or its equivalent will not count towards the requirements of the MS-IS degree.

2. **Computer Programming Competency.** Students must demonstrate this competency by passing an on-line computer programming exam or by successful completion of IS 210 or its equivalent. IS 210 or its equivalent will not count towards the requirements of the MS-IS degree.

Degree Requirements

The MS-IS program consists of 30 semester hours of graduate coursework.

IS 691, Information Systems Strategy and Applications, is the capstone course and should be taken toward the end of the student’s program. A student must earn a grade of B- or better in IS 691.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IS 512</td>
<td>SYSTEMS ANALYSIS &amp; DESIGN</td>
<td>1</td>
</tr>
<tr>
<td>IS 550</td>
<td>CYBERSECURITY MANAGEMENT</td>
<td></td>
</tr>
<tr>
<td>IS 560</td>
<td>NETWORKING &amp; IT INFRASTRUCTURE</td>
<td>1</td>
</tr>
<tr>
<td>IS 571</td>
<td>BUSINESS ANALYTICS &amp; AI</td>
<td>1</td>
</tr>
<tr>
<td>IS 601</td>
<td>MANAGEMENT OF INFORMATION TECHNOLOGY</td>
<td></td>
</tr>
<tr>
<td>IS 640</td>
<td>DATA MANAGEMENT AND DATA MINING</td>
<td></td>
</tr>
<tr>
<td>IS 680</td>
<td>ENTERPRISE RESOURCE PLANNING SYSTEMS</td>
<td></td>
</tr>
<tr>
<td>IS 691</td>
<td>INFORMATION SYSTEMS STRATEGY &amp; APPLICATIONS</td>
<td></td>
</tr>
<tr>
<td>5xx or 6xx Level Elective</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours** 30

1. MS-IS students whose previous studies include the undergraduate equivalents of IS 512, IS 560, and/or IS 571 must substitute a 3-credit-hour graduate-level IS course for each applicable course.

2. Recommended Elective: IS 522

Additional Information

**Thesis Option**

A thesis option is available. Students interested in this option should contact both the faculty member who the student wants to serve as the thesis advisor, and the Graduate Advisor in the College of Business, before completing 12 hours of graduate study. If selected, the student will register for the IS 699 Masters Thesis course for six credit hours in lieu of six credit hours of electives.

**Transfer Credit**

In accordance with the Graduate School transfer policy (http://catalog.uah.edu/grad/academics/degree-requirements/), students may transfer up to 12 semester hours of acceptable graduate credit earned in an approved institution and may count it toward a master's degree. No transferred credit may be more than 10 years old at the time of a student's graduation from UAH. Such credit may be transferred with the approval of the major department if completed with a grade of B or better.

The College of Business will only review business discipline course(s) for transfer credit if the institution is accredited by AACSB International (https://www.aacsb.edu/). The department chair may, at their discretion, approve or reject the proposed course credit transfer.
Inquiries about the transferability of specific courses should be directed to the Graduate Advisor, who will consult with the department chair to determine whether the course will be accepted for transfer credit.

In some circumstances, a student may need to take a graduate course at another institution while enrolled in a UAH degree program. The transfer of such credit back to UAH must be approved by the department and by the graduate dean prior to the student enrolling at the other institution.

For more information contact:
Tressa Hillman-Moore
Graduate Advisor
Business Administration Building, Room 102
256.824.6732
gradbusiness@uah.edu