Heinz Courses for Restricted Electives

As engineering students, INI students should select courses that reflect their advanced technological knowledge and abilities. Due to some Heinz College courses being designed for non-technical students, the INI faculty have vetted and compiled a list of courses that are accepted for INI program requirements. Enrollment in these courses is not guaranteed. This list of courses is subject to change.

Please note: Course numbers and titles may change. If you notice such a change, please let the INI AAO know prior to enrolling in a course.

For course descriptions and more details, please refer to the Heinz College course offerings.

- 90-709 Intermediate Economic Analysis
- 90-710 Applied Economic Analysis
- 90-711 Statistical Reasoning with R
- 90-718 Strategic Presentation Skills
- 90-719 Physical Technical Systems I
- 90-720 Physical Technical Systems II
- 90-724 Financial Analysis
- 90-731 Public Financial Management
- 90-738 Applied Economic Analysis II
- 90-756 Technology and Economic Growth
- 90-758 Ethics and Public Policy in a Global Society
- 90-820 Health Care Information Security
- 90-913 Privacy and Security: Decision Making and Behavior
- 90-915 Fundamentals of Social Network Methods
- 90-916 Intermediate Social Network Methods
- 90-919 Social Network Methodology
- 90-930 Advanced Social Network Methods
- 91-600 Quantitative Methods
- 91-717 Business Writing for Leaders
- 91-802 Information Systems for Managers
- 91-804 Financial Analysis For Managers
- 91-857 Introduction to Financial Modeling and Analysis
- 91-873 Information Technology Strategy
- 93-855 Intellectual Property
- 94-700 Organizational Design and Implementation
- 94-702 Professional Writing
- 94-707 Data Focused Marketing
- 94-774 Business Process Modeling
- 94-800 Negotiation
• 94-801 Acting for Management
• 94-802 Geographic Information Systems
• 94-806 Privacy in the Digital Age
• 94-807 Entrepreneurship
• 94-808 Management Consulting
• 94-811 Strategy Development
• 94-813 Project Management
• 94-814 Evidence-Based Management
• 94-818 Policy Topics: Information Security Policy
• 94-819 Advanced Negotiation
• 94-832 Business Intelligence and Data Mining SAS
• 94-833 Decision Analysis and Multi-Criteria Decision Making
• 94-834 Applied Econometrics I
• 94-835 Applied Econometrics II
• 94-840 Lean Entrepreneurship
• 94-842 Programming R for Analytics
• 94-845 Growth with Intelligent Transportation
• 94-850 The Science of Growth
• 94-854 Developing as a Leader
• 94-870 Telling Stories with Data
• 94-886 Advances in Robotic Process Automation
• 94-891 Hacking for Defense/Homeland Security
• 95-703 Database Management
• 95-704 Advanced Database Management
• 95-705 Telecommunications Management
• 95-706 Object Oriented Analysis & Design
• 95-710 Economic Analysis
• 95-715 Financial Accounting
• 95-716 Principles of Finance
• 95-717 Writing for Information Systems Management
• 95-718 Professional Speaking
• 95-720 Information Systems Project
• 95-722 Digital Transformation
• 95-729 E-Commerce Tech, Machine Learning, Analytics & Bots
• 95-730 E-Business Technology and Management
• 95-733: Internet of Things
• 95-736: Advanced Relational Database Management
• 95-737 NoSQL Database Management
• 95-740 Mobile Commerce
• 95-741 E-Business Management: A Strategic Perspective
• 95-743 Cybersecurity Policy and Governance II
• 95-744 Cybersecurity Policy and Governance I
• 95-760 Decision Making Under Uncertainty
• 95-767 Information and Telecommunication Policy in an International Context
• 95-775 IT Business Leadership
• 95-776 Enterprise Systems – Concepts and Structures
• 95-777 Enterprise Systems – Deployment Management
• 95-782 Global eBusiness Strategy
• 95-791 Data Mining
• 95-796 Statistics for IT Managers
• 95-797 Data Warehousing
• 95-808 IT Project Management
• 95-812 Introduction to the ITIL Framework
• 95-813 Intermediate Database Management
• 95-814 Special Topics: Technology Innovation Policy
• 95-818 Privacy Policy, Technology, and Law
• 95-820 Strategic Management and Implementation
• 95-821 Product Management in IT
• 95-822 IT Consulting
• 95-825 Corporate Finance
• 95-831 Enterprise Architectures
• 95-833 Global IT Management, Sourcing, & Automation
• 95-837 Global IT Sourcing
• 95-840 Investment Management
• 95-841 Information Assurance Policy
• 95-842 Technology Acceptance
• 95-843 Service Oriented Architecture
• 95-859 Innovation & Technology
• 95-860 Advanced Writing for IT
• 95-865 Unstructured Data Analytics
• 95-882 Enterprise Web Development
• 95-883 Ethical Penetration Testing

Version Table

<table>
<thead>
<tr>
<th>Date</th>
<th>Added or Removed</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring 2014</td>
<td>Added</td>
<td>91-857</td>
</tr>
<tr>
<td>Fall 2014</td>
<td>Added</td>
<td>94-840, 94-850, 95-813</td>
</tr>
<tr>
<td>Summer 2015</td>
<td>Added</td>
<td>95-737</td>
</tr>
<tr>
<td>Fall 2016</td>
<td>Removed</td>
<td>95-799 (starting S17 cannot count)</td>
</tr>
<tr>
<td>Fall 2017</td>
<td>Removed</td>
<td>95-882</td>
</tr>
<tr>
<td>Fall 2017</td>
<td>Added</td>
<td>95-883, 95-736</td>
</tr>
<tr>
<td>Fall 2018</td>
<td>Added</td>
<td>94-700, 94-842, 94-880, 94-813, 94-845, 94-870, 95-882</td>
</tr>
<tr>
<td>Fall 2018</td>
<td>Removed</td>
<td>93-881, 95-810</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td>-------</td>
<td>-------------</td>
</tr>
<tr>
<td>Spring 2019</td>
<td>Removed</td>
<td>95-759</td>
</tr>
<tr>
<td>Fall 2019</td>
<td>Added</td>
<td>95-733, 94-707, 94-814, 95-812, 95-717, 95-743, 95-744</td>
</tr>
<tr>
<td>Fall 2019</td>
<td>Removed</td>
<td>95-829, 95-794</td>
</tr>
<tr>
<td>Fall 2021</td>
<td>Added</td>
<td>94-886, 94-854, 94-891</td>
</tr>
</tbody>
</table>