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.

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

Heinz Courses for Restricted Electives

- 90-709 Intermediate Economic Analysis
- 90-710 Applied Economic Analysis
- 90-711 Empirical Methods For Public Policy And Management
- 90-718 Strategic Presentation Skills
- 90-719 Physical Technical Systems I
- 90-720 Physical Technical Systems II
- 90-724 Financial Analysis
- 90-731 Management Methods
- 90-738 Applied Economic Analysis
- 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 Strategic Writing Skills
- 91-718 Strategic Presentation Skills
- 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
- 94-774 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
• 94-818 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 Smart Cities: Growth and Intelligent Transportation Systems
• 94-850 The Science of Growth
• 94-870 Telling Stories with Data
• 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
• 95-718 Professional Speaking
• 95-720 Information Systems Project
• 95-722 Digital Transformation
• 95-729 E-Commerce Technologies
• 95-730 E-Business Technology and Management
• 95-736 Advanced Relational Database Management
• 95-737 NoSQL Database Management
• 95-740 Mobile Commerce
• 95-741 E-Business Management: A Strategic Perspective
• 95-759 Terrorism Security and Intelligence
• 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
• 95-794 Tech Startup: Tools and Techniques
• 95-796 Statistics for IT Managers
• 95-797 Data Warehousing
• 95-808 IT Project Management
• 95-813 Intermediate Database Management
• 95-814 Special Topics: Technology Innovation Policy
• 95-818 Privacy, Policy Law and Technology
• 95-820 Strategic Management and Implementation
• 95-821 Product Management in Information Technology
• 95-822 IT Consulting
• 95-825 Corporate Finance
• 95-829 Advanced Project Management
- 95-831 Enterprise Architectures
- 95-833 Global IT Management & Sourcing
- 95-837 Global IT Sourcing
- 95-840 Investment Management
- 95-841 Information Assurance Policy
- 95-842 Technology Acceptance
- 95-843 Service Oriented Architecture
- 95-852 Applied Data Science
- 95-859 Innovation & Technology
- 95-860 Advanced Writing for IT
- 95-865 Text Analytics
- 95-882 Enterprise Web Development
- 95-883 Ethical Penetration Testing

Version Table - Indicates updates to courses that are added or removed to the approved Heinz course list

<table>
<thead>
<tr>
<th>Date</th>
<th>Added or Removed</th>
<th>Course</th>
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<tr>
<td>Spring 2014</td>
<td>Added</td>
<td>91-857 Introduction to Financial Modeling and Analysis</td>
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<td>Fall 2014</td>
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<tr>
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<td>Added</td>
<td>95-813 Intermediate Database Management</td>
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<td>Summer 2015</td>
<td>Added</td>
<td>95-737 NoSQL Database Management</td>
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<tr>
<td>Fall 2016</td>
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<td>95-799 Linux and Open Source (starting S17 cannot count)</td>
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<td>Fall 2017</td>
<td>Removed</td>
<td>95-882 Enterprise Web Development</td>
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<td>Fall 2017</td>
<td>Added</td>
<td>95-883: Ethical Penetration Testing</td>
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<td>95-736: Advanced Relational Database Management</td>
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<td>94-880 R Shiny for Operations Management</td>
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<td>93-881 Negotiation</td>
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<td>Fall 2018</td>
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<td>95-810 Blockchain Fundamentals</td>
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