

Heinz Courses for 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 course 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
- 91-717 Business Writing for Leaders
- 91-804 Financial Analysis For Managers
- 94-700 Organizational Design and Implementation
- 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: A New Venture
- 94-808 Management Consulting
- 94-811 Strategy Development
- 94-813 Project Management
- 94-814 Evidence-Based Management
- 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 Datapreneurship – Innovating on Analytics
- 94-842 Programming R for Analytics
- 94-845 Smart Cities: Growth and Intelligent Transportation Systems

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- 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
- 95-705 Telecommunications Management (Summer)
- 95-710 Economic Analysis
- 95-715 Financial Accounting
- 95-716 Principles of Finance
- 95-717 Writing for Information Systems Management
- 95-718 Professional Speaking
- 95-722 Digital Transformation
- 95-729 E-Commerce Tech, Machine Learning, Analytics & Bots
- 95-733: Internet of Things
- 95-736: Advanced Relational Database Management
- 95-737 NoSQL Database Management
- 95-743 Cybersecurity Policy and Governance II
- 95-744 Cybersecurity Policy and Governance I
- 95-746 Cloud Security
- 95-760 Decision Making Under Uncertainty
- 95-775 IT Business Leadership
- 95-791 Data Mining
- 95-796 Statistics for IT Managers
- 95-797 Data Warehousing
- 95-798 Tech Startup: Building Your Company
- 95-808 IT Project Management
- 95-812 Introduction to the ITIL Framework
- 95-813 Intermediate Database Management
- 95-818 Privacy Policy, Technology, and Law
- 95-821 Product Management in IT
- 95-825 Corporate Finance
- 95-859 Innovation & Technology
- 95-865 Unstructured Data Analytics
- 95-883 Ethical Penetration Testing

Version Table

| Date | Added or Removed | Course |
|-------------|------------------|--|
| Spring 2014 | Added | 91-857 |
| Fall 2014 | Added | 94-840, 94-850, 95-813 |
| Summer 2015 | Added | 95-737 |
| Fall 2016 | Removed | 95-799 (starting S17 cannot count) |
| Fall 2017 | Removed | 95-882 |
| Fall 2017 | Added | 95-883, 95-736 |
| Fall 2018 | Added | 94-700, 94-842, 94-880, 94-813, 94-845, 94-870, 95-882 |
| Fall 2018 | Removed | 93-881, 95-810 |
| Spring 2019 | Removed | 95-759 |
| Fall 2019 | Added | 95-733, 94-707, 94-814, 95-812, 95-717, 95-743, 95-744 |
| Fall 2019 | Removed | 95-829, 95-794 |
| Fall 2021 | Added | 94-886, 94-854, 94-891 |
| Fall 2022 | Removed | 95-882, 95-703, 95-704, 95-720, 95-841, 95-843, 95-831, 95-706, 90-738, 90-756, 90-758, 90-820, 90-913, 90-915, 90-916, 90-919, 90-930, 91-600, 91-802; 91-857, 91-873, 93-855; 94-702, 94-818, 94-819, 94-850, 95-730, 95-740, 95-741, 95-767, 95-776, 95-777, 95-782, 95-814, 95-820, 95-822, 95-833, 95-837, 95-840, 95-842, 95-860 |
| | Added | 95-746, 95-798 |