

# Undergraduate Business Education at Carnegie Mellon University

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# 1950 - 1990

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## **Degree Program called**

- **Industrial Management**
- **Administration & Management Science**

## First Two Years

- "Engineering"
- "Humanities"
- "Sciences"

## Second Two Years

- Business Courses

# 1991 + Four-Year Program

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## **Year 1 Fall:**

- Interpretation and Argument
- Principles of Economics
- Global Businesses
- Calculus
- Breadth Course

## **Year 2 Spring:**

- Multivariate Analysis
- Micro-Economics
- Global Histories
- Computing
- Breadth Course

# 1991 + Four-Year Program

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## **Year 2 Fall:**

- Optimization
- Macro-Economics
- Probability and Statistics
- Accounting
- Breadth Course

## **Year 2 Spring:**

- Regression Analysis
- Organizational Behavior
- Business Communication
- Breadth Course
- Minor Course

# 1991+ Four-Year Program

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## **Year 3 Fall:**

- Operations Management
- Marketing
- Finance
- Management Information Systems
- Breadth Course

## **Year 3 Spring:**

- Business Presentations
- Business, Society & Ethics
- Management Information Systems
- Two Track Courses

# 1991+ Four-Year Program

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## **Year 4 Fall:**

- Professional and Service Project
- Two Track Courses
- Two Minor Courses

## **Year 4 Spring:**

- Management Game
- Two Track Courses
- Two Minor Courses

# Undergraduate Business Education

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Based on the following core:

- Liberal Arts
- Quantitative tools.
- Analytical reasoning using quantitative tools.

We will focus on the liberal arts core.

# The Liberal Arts Core Required Courses

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**“Global Histories”**

**“Business, Society and Ethics”**

**“Interpretation and Argument”**

# The Liberal Arts Core Required Courses

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## “Global Histories”

Develop the ability, skills and perspective to:

- understand transitional and global processes
- develop the skills and perspectives to understand the contemporary world through investigating its global history

Wide variety of sections are offered in order to give students the opportunity to choose between different themes and approaches.

For example: “Genocide and Weapons of Mass Destruction” “Modern Nation – States”

# The Liberal Arts Core Required Courses

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## **“Business, Society and Ethics”**

- Justification of governmental regulation of businesses.
- The rights of employers and employees
- Laws protecting consumers
- Laws protecting the environment
- Laws protecting competition
- Laws protecting shareholders
- An ethical foundation on which business ought to be conducted.

# The Liberal Arts Core Required Courses

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## “Interpretation and Argument”

- An advanced inductive process for writing an argument from sources.
- Methods for summarizing, synthesizing and analyzing arguments.
- Reflecting and thinking strategically.
- Develop critical reading, rhetorical and linguistic practices for analyzing and producing texts.

Course is based on empirical research.

# The Liberal Arts Core Distributional Courses

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- **“Cultural Analysis”**
- **“Political and Social Institutions”**
- **“Cognition, Choice and Behavior”**
- **“Science and Technology”**
- **“Creative Production and Reflection”**

# The Liberal Arts Core Distributional Courses

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**“Cultural Analysis”** (the role cultures play in shaping individual social behavior)

- Twentieth Century Europe
- American Foreign Policy: 1945-Present
- Twentieth Century America
- Irish History
- Introduction to Religion
- Energy, Environment, and Globalization in the Americas
- Pittsburgh and the Transformation of Modern Urban America
- Medicine and Society

(and any cultural study course in the Department of Modern Languages)

# The Liberal Arts Core Distributional Courses

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**“Political and Social Institutions”** (Analyzing the processes by which institutions organize individual preferences and actions into collective outcomes.)

- American Foreign Policy
- Introduction to Political Philosophy
- Comparative Politics
- Policy Analysis
- Policy Making Institutions
- Globalization

# The Liberal Arts Core Distributional Courses

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**“Cognition, Choice and Behavior”** (Exposure to artistic and intellectual products such as drama, literature, design, music, expository writing and foreign languages and critical reflection on the processes of creating.)

- Philosophy
- Mathematical Reasoning
- Nature of Reason
- Nature of Language
- Language and Thought
- Psychology
- Cognitive Psychology
- Social Psychology
- Abnormal Psychology
- Child Development
- Personality

# The Liberal Arts Core Distributional Courses

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## “Science and Technology”

- Biology
- Cell Biology
- Botany
- Organic Chemistry and Biochemistry
- Modern Chemistry
- Introduction to Engineering Courses (Chemical, Civil, Electrical...)
- Astronomy

# The Liberal Arts Core Distributional Courses

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## “Creative Production and Reflection”

(Exposure to artistic and intellectual products such as drama, literature, design, music, expository writing and foreign languages and critical reflection on the processes of creating.)

- Introduction to Ethics
- Logic and Mathematical Inquiry
- Ethical Judgments in Professional Life
- Conflict and Dispute Resolution
- Any language course in the Department of Modern Languages.