Coursera for Verisk - Course Catalog May 2021

Business Skills

Business specializations and courses help you hone skills critical to success in the modern workplace, with areas of study including business strategy, marketing, finance and management. These courses will improve your ability to analyze, understand and solve business problems.

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Click to view specializations

Data Science

Data Science specializations and courses teach the fundamentals of interpreting data, performing analysis, understanding and communicating actionable insights. Topics of study for beginning and advanced learners include qualitative and quantitative data analysis and interpretation, data visualization, machine learning and Artificial Intelligence.

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Click to view specializations

Computer Science

Computer Science specializations and courses teach software engineering and design, algorithmic thinking, human computer interaction and programming languages. Topics of study include software development, computer security and networks and mobile and web development.

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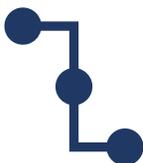
Domain Knowledge

Domain knowledge specializations and courses help you develop a broad understanding of the industry and its business processes. These courses will help to enhance your awareness about the business environment and industry dynamics in which the systems operate.

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Privacy Courses

Privacy specialization that provides a historical perspective on the developments of privacy rights in an international context. The course on standardization shows the legal context and scalable power of standardization. These courses will help you further your comprehension of privacy, personal data regulation, and standardization.

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Excel Skills for Business
Macquarie University ‖ 4 Course Specialization
- Excel Skills for Business: Advanced
- Excel Skills for Business: Intermediate II
- Excel Skills for Business: Essentials
- Excel Skills for Business: Intermediate I

International Business Essentials
University of London ‖ 6 Course Specialization
- Quantitative Foundations for International Business
- International Business Capstone
- Professional Skills for International Business
- International Business Environment

Business Strategy
University of Virginia ‖ 5 Course Specialization
- Business Strategy in Practice (Project-centered Course)
- Strategic Planning and Execution
- Foundations of Business Strategy
- Advanced Business Strategy
- Business Growth Strategy

Strategic Management and Innovation
Copenhagen Business School ‖ 4 Course Specialization
- Strategy Formulation
- Strategy Implementation
- Strategic Management - Capstone Project
- Strategic Management

Communication Skills for Engineers
RICE University ‖ 3 Course Specialization
- Oral Communication for Engineering Leaders
- Interpersonal Communication for Engineering Leaders
- Writing Skills for Engineering Leaders

Finance for Everyone
McMaster University ‖ 5 Course Specialization
- Finance for Everyone: Decisions
- Finance for Everyone: Markets
- Finance for Everyone: Debt
- Finance for Everyone: Value
- Finance for Everyone Capstone Project

Digital Marketing
University of Illinois at Urbana-Champaign ‖ 7 Course Specialization
- Digital Media and Marketing Principles
- Digital Media and Marketing Strategies
- Digital Analytics for Marketing Professionals: Marketing Analytics in Practice
- Digital Marketing Capstone
- Digital Analytics for Marketing Professionals: Marketing Analytics in Theory
- Marketing in a Digital World
- Marketing in an Analog World

Human Resource Management: HR for People Managers
University of Minnesota ‖ 5 Course Specialization
- Managing Employee Compensation
- Recruiting, Hiring, and Onboarding Employees
- Managing Employee Performance
- Preparing to Manage Human Resources
- Human Resources Management Capstone: HR for People Managers

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Career Success
University of California, Irvine ‖ 10 Course Specialization
- Communication in the 21st Century Workplace
- Effective Problem-Solving and Decision-Making
- The Art of Negotiation
- Work Smarter, Not Harder: Time Management for Personal & Professional Productivity
- High-Impact Business Writing
- Career Success Project
- Essentials of Entrepreneurship: Thinking & Action
- Finance for Non-Financial Professionals
- Fundamentals of Management
- Project Management: The Basics for Success

The Science of Well-Being
YALE || 1 Course
- Misconceptions About Happiness
- How Can We Overcome Our Biases
- Stuff that Really Makes Us Happy
- Putting Strategies into Practice

Learning How to Learn: Powerful mental tools to help you master tough subjects
McMaster University || 1 Course
- What is Learning
- Chunking
- Procrastination and Memory
- Renaissance Learning and Unlocking Your Potential

Work Smarter, Not Harder: Time Management for Personal & Professional Productivity
UCI Division of Continuing Education || 1 Course
- Complete Modules 1 - 4

Build Personal Resilience
Macquarie University || 1 Course
- The Nature of Stress and Resilience
- The Sources of Stress
- Approaches to Deal with Stress
- Building Resilience
- Managing Oneself Effectively: Values and Goals

Foundations of Everyday Leadership
University of Illinois || 1 Course
- Head and Heart of Everyday Leadership
- Individual & Group Decision Making
- Managing Motivation

Business English Communication Skills
University of Washington || 5 Course Specialization
- Networking
- Meetings
- Planning & Negotiating
- Making Presentations
- Capstone Project

Executive Data Science
Johns Hopkins University ‖ 5 Course Specialization
- Managing Data Analysis
- Executive Data Science Capstone
- Data Science in Real Life
- A Crash Course in Data Science
- Building a Data Science Team

Advanced Business Analytics
University of Colorado Boulder ‖ 5 Course Specialization
- Predictive Modeling and Analytics
- Communicating Business Analytics Results
- Advanced Business Analytics Capstone
- Business Analytics for Decision Making
- Introduction to Data Analytics for Business

Business Statistics and Analysis Specialization
Rice University ‖ 5 Course Specialization
- Business Statistics and Analysis Capstone
- Introduction to Data Analysis Using Excel
- Basic Data Descriptors, Statistical Distributions, and Application to Business Decisions
- Linear Regression for Business Statistics
- Business Applications of Hypothesis Testing and Confidence Interval Estimation

Statistics with R
Duke University ‖ 5 Course Specialization
- Bayesian Statistics
- Introduction to Probability and Data
- Linear Regression and Modeling
- Statistics with R Capstone
- Inferential Statistics

Sentiment Analysis with Deep Learning using BERT
Coursera Project Network ‖ Guided Project
- Preprocess and clean data for BERT Classification
- Load in pretrained BERT with custom output layer
- Train and evaluate finetuned BERT architecture on your own problem statement

Data Science -John Hopkins

Johns Hopkins University || 10 Course Specialization
- The Data Scientist's Toolbox
- R Programming
- Getting and Cleaning Data
- Exploratory Data Analysis
- Reproducible Research
- Statistical Inference
- Regression Models
- Practical Machine Learning
- Developing Data Products
- Data Science Capstone

Applied Data Science with Python

University of Michigan || 5 Course Specialization
- Introduction to Data Science in Python
- Applied Plotting, Charting & Data Representation in Python
- Applied Machine Learning in Python
- Applied Text Mining in Python
- Applied Social Network Analysis in Python

Advanced Data Structures & Algorithms

UC San Diego || 6 Course Specialization
- Algorithmic Toolbox
- Data Structures
- Algorithms on Graphs
- Algorithms on Strings
- Advanced Algorithms and Complexity
- Genome Assembly Programming Challenge

Data Mining

University of Illinois || 6 Course Specialization
- Data Visualization
- Text Retrieval and Search Engines
- Text Mining and Analytics
- Pattern Discovery in Data Mining
- Cluster Analysis in Data Mining
- Data Mining Project

Data Warehousing and Business Intelligence
University of Colorado ‖ 5 Course Specialization
- Database Management Essentials
- Data Warehouse Concepts, Design, and Data Integration
- Relational Database Support for Data Warehouses
- Business Intelligence Concepts, Tools, and Applications
- Design and Build a Data Warehouse for Business Intelligence Implementation

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Big Data
UC San Diego ‖ 6 Course Specialization
- Introduction to Big Data
- Big Data Modeling and Management Systems
- Big Data Integration and Processing
- Machine Learning with Big Data
- Graph Analytics for Big Data
- Big Data - Capstone Project

Recommender Systems
University of Minnesota ‖ 5 Course Specialization
- Introduction to Recommender Systems: Non-Personalized and Content-Based
- Nearest Neighbor Collaborative Filtering
- Recommender Systems: Evaluation and Metrics
- Matrix Factorization and Advanced Techniques
- Recommender Systems Capstone

Machine Learning Foundations
University of Washington ‖ 4 Course Specialization
- Machine Learning Foundations: A Case Study Approach
- Machine Learning: Regression
- Machine Learning: Classification
- Machine Learning: Clustering & Retrieval

Deep Learning
deeplearning.ai ‖ 5 Course Specialization
- Neural Networks and Deep Learning
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
- Structuring Machine Learning Projects
- Convolutional Neural Networks
- Sequence Models

Python for Everybody
University of Michigan || 5 Course Specialization
- Programming for everybody (Getting started with Python)
- Python Data Structure
- Using Python to Access Web Data
- Using Databases with Python
- Capstone: Retrieving, Processing, and Visualizing Data with Python

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IBM Data Science Professional Certificate
IBM || 9 Course Specialization
- Python for Data Science
- Open Source tools for Data Science
- Data Science Methodology
- Data Visualization with Python
- Data Analysis with Python
- What is Data Science?
- Databases and SQL for Data Science
- Applied Data Science Capstone
- Machine Learning with Python

SAS® Programming
SAS || 3 Course Specialization
- Practical SAS Programming and Certification Review
- Doing More with SAS Programming
- Getting Started with SAS Programming

AI Foundations for Everyone
IBM || 3 Course Specialization
- Building AI Powered Chatbots Without Programming
- Getting Started with AI using IBM Watson
- Introduction to Artificial Intelligence (AI)

Advanced Machine Learning
National Research University Higher School of Economics || 7 Course Specialization
- Deep Learning in Computer Vision
- Addressing Large Hadron Collider Challenges by Machine Learning
- How to Win a Data Science Competition: Learn from Top Kagglers
- Practical Reinforcement Learning
- Bayesian Methods for Machine Learning
- Natural Language Processing
- Introduction to Deep Learning

Advanced Machine Learning with TensorFlow on Google Cloud Platform
Google Cloud ‖ 5 Course Specialization

- End-to-End Machine Learning with TensorFlow on GCP
- Sequence Models for Time Series and Natural Language Processing
- Recommendation Systems with TensorFlow on GCP
- Production Machine Learning Systems
- Image Understanding with TensorFlow on GCP

IBM Data Analyst
IBM ‖ 9 Course Specialization

- Introduction to Data Analytics
- Excel Basics for Data Analysis
- Data Visualization and Dashboards with Excel and Cognos
- Python for Data Science, AI & Development
- Python Project for Data Science
- Databases and SQL for Data Science with Python
- Data Analysis with Python
- Data Visualization with Python
- IBM Data Analyst Capstone Project

Machine Learning and Reinforcement Learning in Finance
New York University Tandon School of Engineering ‖ 3 Course Specialization

- Reinforcement Learning in Finance
- Fundamentals of Machine Learning in Finance
- Guided Tour of Machine Learning in Finance

Machine Learning and Reinforcement Learning in Finance
New York University Tandon School of Engineering ‖ 3 Course Specialization

- Reinforcement Learning in Finance
- Fundamentals of Machine Learning in Finance
- Guided Tour of Machine Learning in Finance

Reinforcement Learning Specialization
University of Alberta, Alberta Machine Learning Institute ‖ 4 Course Specialization

- Fundamentals of Reinforcement Learning
- Sample-based Learning Methods
- Prediction and Control with Function Approximation
- A Complete Reinforcement Learning System (Capstone)

Natural Language Processing Specialization

deeplearning.ai ‖ 4 Course Specialization

- Natural Language Processing with Classification and Vector Spaces
- Natural Language Processing with Probabilistic Models
- Natural Language Processing with Sequence Models
- Natural Language Processing with Data Models

Generative Adversarial Networks (GANs) Specialization

deeplearning.ai ‖ 3 Course Specialization

- Build Basic Generative Adversarial Networks (GANs)
- Build Better Generative Adversarial Networks (GANs)
- Apply Generative Adversarial Networks (GANs)

Machine Learning Engineering for Production (MLOps) Specialization

deeplearning.ai ‖ 4 Course Specialization

- Introduction to Machine Learning in Production
- Machine Learning Data Lifecycle in Production
- Machine Learning Modeling Pipelines in Production
- Deploying Machine Learning Models in Production

Cloud Computing

University of Illinois at Urbana-Champaign ‖ 6 Course Specialization

- Cloud Computing Concepts, Part 1
- Cloud Computing Concepts: Part 2
- Cloud Computing Applications, Part 1: Cloud Systems and Infrastructure
- Cloud Computing Applications, Part 2: Big Data and Applications in the Cloud
- Cloud Networking
- Cloud Computing Project

Full Stack Web and Multiplatform Mobile App Development

The Hong Kong University of Science and Technology ‖ 5 Course Specialization

- Multiplatform Mobile App Development with NativeScript
- Multiplatform Mobile App Development with Web Technologies: Ionic and Cordova
- Front-End JavaScript Frameworks: Angular
- Server-side Development with NodeJS, Express and MongoDB
- Front-End Web UI Frameworks and Tools: Bootstrap 4

Agile Development

University of Virginia ‖ 5 Course Specialization

- Running Product Design Sprints
- Testing with Agile
- Agile Development in Practice (Project-centered Course)
- Managing an Agile Team
- Agile Meets Design Thinking

AWS Fundamentals

AWS ‖ 4 Course Specialization

- AWS Fundamentals: Going Cloud Native
- AWS Fundamentals: Addressing Security Risk
- AWS Fundamentals: Migrating to the Cloud
- AWS Fundamentals: Building Serverless Applications

Energy Production, Distribution & Safety
The State University of New York ‖ 4 Course Specialization
- Electric Power Systems
- Safety in the Utility Industry
- Natural Gas
- Energy: The Enterprise

Geographic Information Systems (GIS) Specialization
University of California, Davis ‖ 5 Course Specialization
- Geospatial Analysis Project
- Imagery, Automation, and Applications
- Geospatial and Environmental Analysis
- Fundamentals of GIS
- GIS Data Formats, Design and Quality

GIS, Mapping, and Spatial Analysis
University of Toronto ‖ 4 Course Specialization
- GIS Data Acquisition and Map Design
- GIS, Mapping, and Spatial Analysis Capstone
- Introduction to GIS Mapping
- Spatial Analysis and Satellite Imagery in a GIS

Privacy and Standardization

Eit Digital ‖ 5 Course Specialization

- Privacy in the Western World
- Privacy in the USA
- Privacy in Europe
- Standardization & Technology
- Privacy & Standardization Capstone