

# Stanford's Medical Statistics Program

~~US\$299~~  
US\$254

## COURSE DESCRIPTION

Statistical methods have enabled us to answer some of the most pressing questions facing humanity. **In the field of medicine, the ability to ask the right research questions and interpret data is an essential skill**, whether you are a physician, researcher, data scientist, or journalist. The Medical Statistics uses real-world examples from medical literature and the popular press to introduce statistical concepts and techniques commonly utilized in medical research.

## CONTINUING EDUCATION UNITS: 6

### ADMISSION REQUIREMENTS

- Advanced level of English proficiency
- CEU transcript (180 ECTS)

### CERTIFICATE

Stanford Certificate of Achievement in  
**Medical Statistics**

## COURSEWORK

You should expect to spend **20-22 hours to complete each course**, depending on your familiarity with the topic. For individual courses, we recommend that you designate **3-4 hours per week** to watch video lectures and complete assignments in order **to finish within 60 days**.

Complete the three required courses.

### Required Courses:

- SOM-XCHE0002: Medical Statistics I: Introduction to Data Analysis and Descriptive Statistics
- SOM-XCHE0003: Medical Statistics II: Probability and Inference
- SOM-XCHE0004: Medical Statistics III: Common Statistical Tests in Medical Research



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# Stanford's Advanced Cybersecurity Program

~~US\$2,970~~  
US\$2,525

## COURSE DESCRIPTION

The Advanced Cybersecurity Program will give you the advanced skills needed to learn how to **protect networks, secure electronic assets, prevent attacks, ensure the privacy of your customers, and build secure infrastructures. Through six online computer science courses**, you will have access to the latest research and best practices from Stanford faculty, as well as leading cybersecurity professionals in companies such as Google, LinkedIn, Symantec, VeriSign, and LifeLock.

## CONTINUING EDUCATION UNITS: 6

### ADMISSION REQUIREMENTS

- Advanced level of English proficiency
- CEU transcript (180 ECTS)

### CERTIFICATE

Stanford Certificate of Achievement in  
**Advanced Cybersecurity**

## COURSEWORK

The program consists of **6 courses (4 required courses and 2 electives)** and takes **approximately 50-55 hours to complete**. For individual courses, we recommend that you designate about **2 hours per week** to watch video lectures and complete assignments in order **to finish within 60 days**.

### Required courses:

- XACS101 Foundations of Information Security
- XACS130 Using Cryptography Correctly
- XACS131 Writing Secure Code
- XACS133 Exploiting and Protecting Web Applications

### Elective courses:

- XACS215 Mobile Security
- XACS255 Network Security
- XACS301 Emerging Threats & Defenses
- XACS302 Cybersecurity and Executive Strategy



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# Stanford's Digital Transformation Program

~~US\$5,560~~

US\$4,726

## COURSE DESCRIPTION

We're living in a time of continuous change. To thrive in this environment, organizations need to use **new technology and methods to continually innovate, to rethink and redesign processes, and to deliver better customer experiences.**

The Digital Transformation Program provides a comprehensive framework for implementing digital transformation throughout your company.

## CONTINUING EDUCATION UNITS: 4

### ADMISSION REQUIREMENTS

- Advanced level of English proficiency
- CEU transcript (180 ECTS)

### CERTIFICATE

Stanford Certificate of Achievement in  
**Digital Transformation**

## COURSEWORK

You should expect to spend **5-8 hours to complete each course**, depending on your familiarity with the topic. For individual courses, we recommend that you designate about 2 hours per week to watch video lectures and complete assignments in order to **finish within 60 days**.

### Complete 8 of the Following Courses:

- XDGT100 Foundations for Digital Transformation
- XDGT110 The Industrialist's Dilemma: How to Adapt to a Changing Landscape
- XDGT111 Systems Leadership: Managing Uncertainty in the Digital Age
- XDGT121 Rethinking Teams: Designing for the Modern Workforce
- XDGT210 Transforming the User Experience through Artificial Intelligence
- XDGT211 Work Smarter with Crowdsourcing
- XDGT212 Turn Data into Insights with Predictive Modeling
- XDGT222 Data-Driven Storytelling: From Evidence to Impact
- XDGT223 Build a Product Platform Strategy to Accelerate Growth

# Stanford's Energy Innovation and Emerging Technologies Program

~~US\$1,180~~

US\$1,003

## COURSE DESCRIPTION

The Energy Innovation and Emerging Technologies Program (EIET) examines emerging technologies, policies, economics, finance, management, and behavioral science that will transform how we obtain, distribute, store, and use energy. Through a variety of online **energy courses**, you may focus your studies based on your interests.

## CONTINUING EDUCATION UNITS: 2

### ADMISSION REQUIREMENTS

- **Advanced level of English** proficiency
- **CEU transcript** (180 ECTS)

### CERTIFICATE

Stanford Certificate of Completion in **Energy Innovation and Emerging Technologies**

## COURSEWORK

Each course takes roughly **4-6 hours to complete**. Our pacing recommendation for courses of this length is to **complete each course within 15 days**. To be on track, we recommend that you plan to spend approximately **two hours per week** on the course.

### Complete 4 of the Following Courses:

- XEIET132: Solar Cells
- XEIET135: Past, Present and Future of Fossil Fuels
- XEIET139: Energy Storage
- XEIET140: Nuclear Energy- Why, How and Prospects
- XEIET200: Planning for a Sustainable Future with Wind, Water and the Sun
- XEIET201: Economics of the Clean Energy Transition
- XEIET202: Behaviorally Informed Design for Energy Conservation
- XEIET203: Building Energy Efficiency: Technology, Policy & Finance
- XEIET237: Transforming the Grid: AI, Renewables, Storage, EVs, and Prosumers



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# Stanford's Genetics and Genomics Program

~~US\$3,370~~  
US\$2,865

## COURSE DESCRIPTION

You will gain a greater understanding of biology, human health and personalized medicine while exploring topics including personal medicine, DNA sequencing technologies and commercial applications of genetics research.

## CONTINUING EDUCATION UNITS: 6

### ADMISSION REQUIREMENTS

- **Advanced level of English** proficiency.
- **CEU transcript** (180 ECTS)

### CERTIFICATE

Stanford Certificate of Achievement in **Genetics and Genomics**

## COURSEWORK

Each course consists of short **online lecture videos, readings, exercises and a 20-35 question multiple choice final exam**. You will have email access to a Stanford teaching assistant to answer your questions.

You should expect to spend **10-18 hours to complete each course**, depending on your familiarity with the topic, but you must **complete courses with 365 days** in order to receive credit.

Complete the **two required** and **any four elective courses**.

### Required Courses:

- XGEN101: Fundamentals of Genetics: The Genetics You Need to Know.
- XGEN102: Genomics and the Other Omics: The Comprehensive Essentials

### Elective Courses:

- XGEN201 Principles and Practices of Gene Therapy
- XGEN202 Understanding Cancer at the Genetic Level
- XGEN203 Genetic Engineering and Biotechnology
- XGEN204 Stem Cell Therapeutics
- XGEN205 Personal Genomics and Your Health
- XGEN206 New Frontiers in Cancer Genomics
- XGEN207 Epigenetics and Microbiomics in Precision Health



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# Stanford's Innovation and Entrepreneurship Program

~~US\$7,960~~

US\$6,766

## COURSE DESCRIPTION

The Innovation and Entrepreneurship Program teaches you essential skills and effective strategies for working in and managing innovative organizations - and for starting new ones. In online innovation courses design to engage and inspire, you will discover innovation and entrepreneurship as practiced at Stanford and in the Silicon Valley.

## CONTINUING EDUCATION UNITS: 8

### ADMISSION REQUIREMENTS

- **Advanced level of English** proficiency
- **CEU transcript** (180 ECTS)

### CERTIFICATE

Stanford Professional Certificate in **Innovation and Entrepreneurship**

## COURSEWORK

You should expect to spend **10-12 hours to complete each course**, depending on your familiarity with the topic. For individual courses, we recommend that you designate about **2 hours per week** to watch video lectures and complete assignments in order **to finish within 60 days**.

### Complete 8 of the Following Courses:

- XINE110 Innovation Strategy: How to Find Inspiration
- XINE214 Empathize and Prototype: A Hands on Dive into the Key Tools of Design Thinking
- XINE217 The Power of Stories to Fuel Innovation
- XINE226 Leading Collaborative Teams
- XINE229 Leading Innovation
- XINE232 Scaling Excellence: How You Can Help Make it Happen
- XINE235 Demand Creation: The Secrets of Driving Growth
- XINE242 Building Company Culture
- XINE246 Simple Rules for Strategy Driven Innovation
- XINE249 Building Business Models
- XINE251 Financing Innovation: Valuing Projects and Firms
- XINE254 Product Marketing Essentials
- XINE257 Cultivating the Entrepreneurial Mindset
- XINE260 Negotiation: How to Get (More of) What You Want



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