

## CHARTERED ENTERPRISE RISK ANALYST (CERA) FACT SHEET

### What is the Chartered Enterprise Risk Analyst Credential?

The Chartered Enterprise Risk Analyst (CERA) is a new, international credential encompassing the most comprehensive and rigorous demonstration of enterprise risk management (ERM) available. The CERA credential reflects the actuary's evolution -- from centuries of helping the world understand risk to today's broader risk management and leadership positions.

The CERA credential is the first new professional credential developed by the Society of Actuaries (SOA) since its inception in 1949. The SOA's existing credentials include the Fellow of the Society of Actuaries (FSA) and the Associate of the Society of Actuaries (ASA).

As new roles in enterprise risk management continue to grow, actuaries are becoming leaders in the practice, which takes a 360-degree view of an organization's risk profile. CERAs are trained to apply both qualitative and quantitative insights to risk management and are qualified for such positions as risk analyst, risk manager and chief risk officer.

### Impact of CERA on Businesses

- The SOA has launched the CERA credential in response to the business world's increasing reliance on professionals who are best equipped to convert risk into opportunity.
- According to research conducted by the SOA in the past few years, the recognition of actuarial credentials was very high among employers in insurance, reinsurance and consulting markets. The CERA stems from the same rigorous process through which actuaries earn their credentials.
- Because of the rigorous credentialing process, CERAs' training does not stop with mathematics and financial engineering. Instead, CERAs can model future events by converting data into information that leads to strategic decisions.
- Businesses that rely on CERAs can make smarter, more confident decisions related to complex financial challenges affecting business and society.
- In addition to insurance and benefits, actuaries are increasingly working in the broader financial services market and energy, transportation, manufacturing and healthcare industries, helping identify, measure and manage risks and opportunities within complex, risk-bearing enterprises.

### CERA Curriculum

- To earn the CERA requires successfully completing five exams, an e-learning module and Validation by Educational Experience for Economics, as well as participation in an Associateship Professionalism Course. Professionals need to spend an estimated three to four years to earn this credential.
- The curriculum was designed to help prepare for leadership in the identification, measurement and management of risk within complex, risk-bearing enterprises.

The curriculum includes the topics of:

- Probability
- Financial Mathematics
- Financial Economics
- Micro and Macro Economics
- Construction of Actuarial Models
- Advanced Finance and Enterprise Risk Management
- Financial Reporting and Operational Risk
- Professionalism

To learn more, visit [www.CERAnalyst.org](http://www.CERAnalyst.org).

### About Actuaries

Actuaries bring a complex future into focus by applying unique insight to risk and opportunity. Known for their comprehensive approach, actuaries enable smart, more confident decisions.

### About Society of Actuaries

The Society of Actuaries (SOA) is an educational, research and professional organization dedicated to serving the public and its members. The SOA's vision is for actuaries to be recognized as the leading professionals in the modeling and management of financial risk and contingent events. The SOA's mission is to advance actuarial knowledge and to enhance the ability of actuaries to provide expert advice and relevant solutions for financial, business and societal problems involving uncertain future events. To learn more, visit [www.soa.org](http://www.soa.org).