

The Actuarial Path

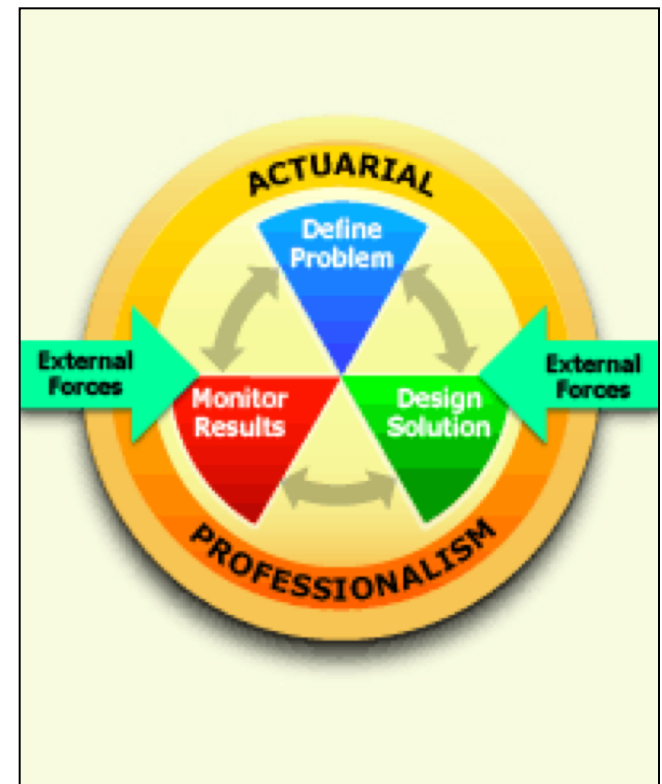


What is an Actuary?



Actually, Actuaries...

- Analyze, measure, convert and manage risk into opportunity
- Use mathematical and statistical analytical skills, financial theory, business knowledge and an understanding of human behavior
- Develop and validate financial models to guide decision making
- Are creative problem solvers who see the “whole picture”



Traditional Opportunities

- Health Insurance
- Life Insurance
- Property/Casualty Insurance
- Pension/Retirement



New Opportunities

- Financial services
- Enterprise Risk Management
 - Link risk across business units
 - Develop a comprehensive framework
- Other Opportunities
 - Design landfill post-closure cost management strategies
 - Design environmental trade and cap strategies
 - Design catastrophe bonds



Why Become an Actuary?

U.S. Department of Labor

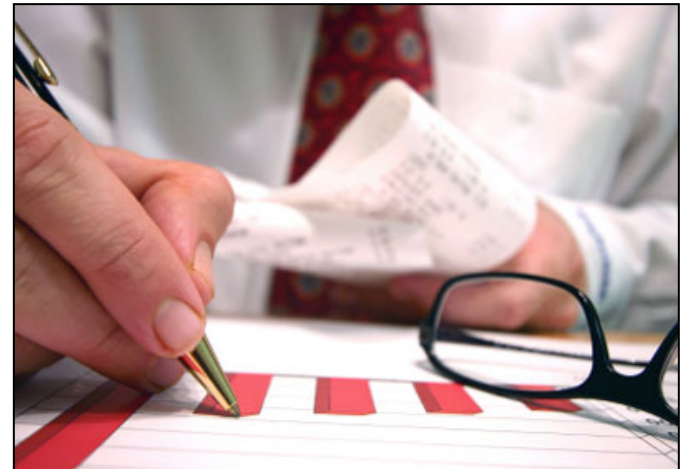
- Employment of actuaries expected to increase by 18% by 2024.
- Less sensitive to economic cycles

Financial Rewards

- \$50,000 – 70,000– Entry-level actuaries
- \$140,000 – recent FSA credentialed actuaries

Education Benefits

- Learn while you earn – Most employers provide full educational financial support while you pursue your credentials



My story



What Employers Value

Actuarial credentials + Critical business skills

Advice for Students



Society of Actuaries: The Organization





**SOCIETY OF
ACTUARIES**

Around **28,000** Members worldwide

36,000+ Candidates

Three-fold commitment:

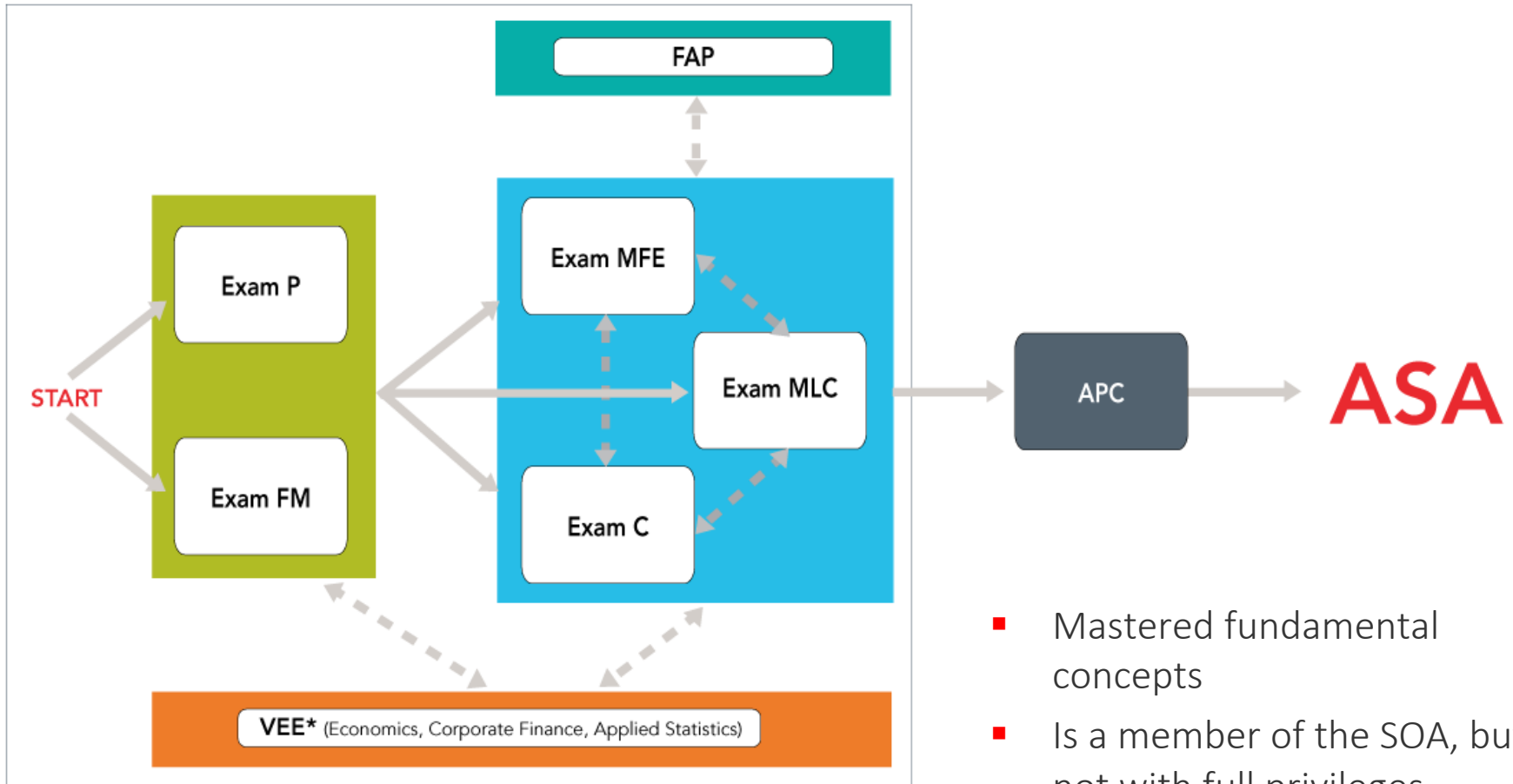
Education, Research and the **Profession**

3,800+ Volunteers

Three Designations/Credentials

- Associate of the SOA (ASA)
- Chartered Enterprise Risk Analyst (CERA)
- Fellow of the SOA (FSA)

Associate of the SOA (ASA)



**Must complete any two exams before applying.*

- Mastered fundamental concepts
- Is a member of the SOA, but not with full privileges

The **SIX** specialty tracks to FSA

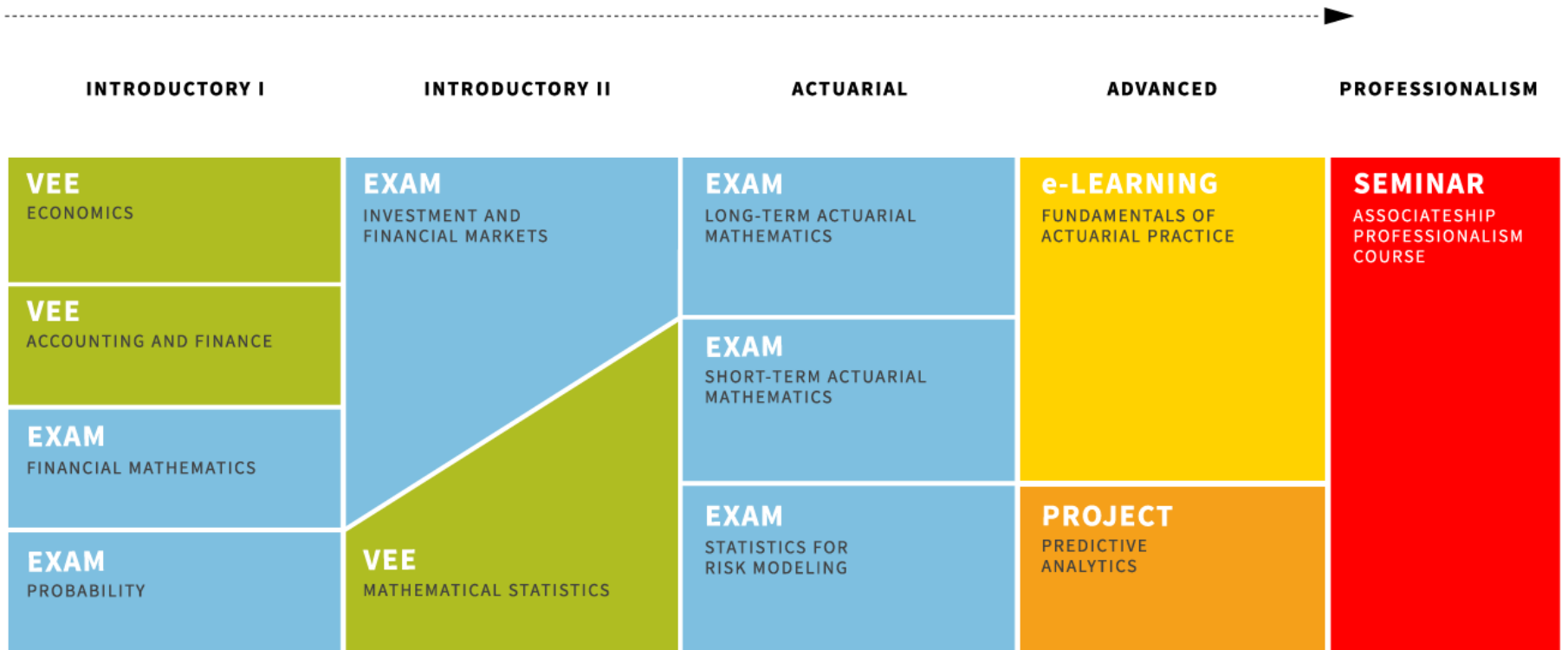
Corporate Finance & Enterprise Risk Management
Quantitative Finance & Investment
Individual Life & Annuities
Retirement Benefits
Group & Health
General Insurance (Property/Casualty)

Syllabus Updates



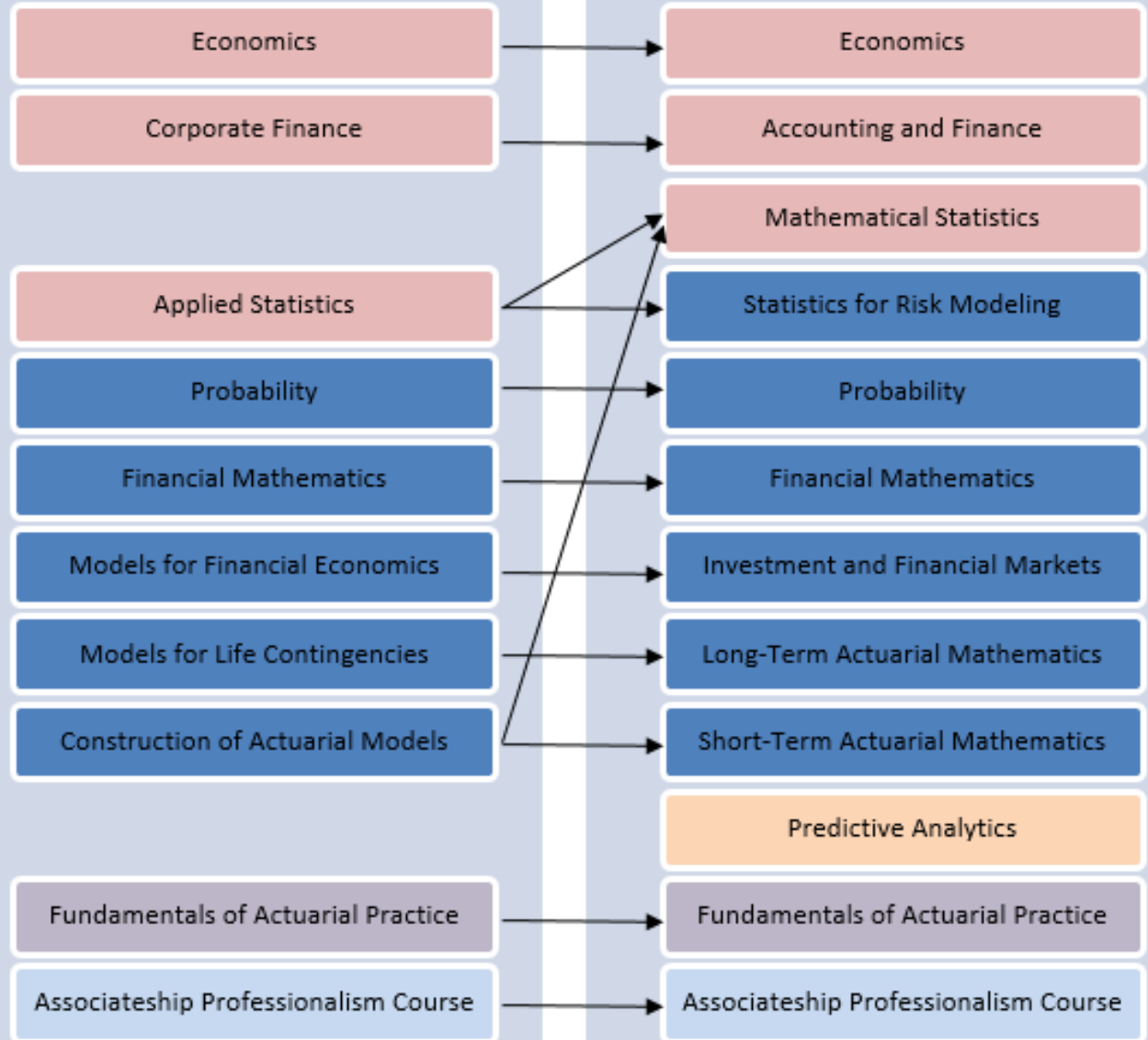
Associate of the SOA (ASA)

Effective July 1, 2018



Current

New



KEY

VEE

Exam

TBD

E-Learning Module

Seminar

SOA Syllabus Updates

ASA Curriculum Changes

- Addition of Predictive Analytics
- Effective July 1, 2018
- Dedicated website

soa.org/curriculumchanges

Curriculum Changes

Understand the curriculum changes and requirements for the associate designation and Chartered Enterprise Risk Analyst credential from the SOA.

ASA & CERA Curriculum Changes

About the Changes | Preliminary Syllabi | Transition/Timing | VEE Requirements

ASA & CERA Curriculum Changes

Learn about the implementation of the curriculum changes and the transition rules

The SOA has revised the ASA and CERA curriculum as part of its ongoing efforts to support and enhance the actuarial profession. The curriculum reflects employer-valued components and the quality, rigor and depth of expertise expected of SOA members. These curriculum changes address evolving industry challenges and needs, use new educational technologies, and incorporate subject matter on new topics such as predictive analytics. These changes may affect some ASAs who are pursuing the FSA designation. Contact [Customer Service](#) with any questions.

Resources



UCAP - Universities and Colleges with Actuarial Programs

New UCAP Recognition Tiers

- UCAP-Advanced Curriculum (UCAP-AC)
- UCAP-Introductory Curriculum (UCAP-IC)

New UCAP Benefits for all UCAP-AC and CAE

1. Reimbursement of exam fees for 3 students
2. Choose one of these (\$500 USD limit):
 - Reimbursement for study materials
 - SOA sponsorship for an on-campus event
 - Reimbursement of travel costs/registration fees for student travel to an actuarial conference

SOA Candidate Connect

- **Events**
 - Stand-alone and at larger SOA meetings
- **E-newsletter**
 - Subscribe: <http://soa.org/candidateconnect/>
- **Sponsorship of other student events**
 - Midwest Actuarial Student Conference
 - Actuarial Student National Association (ASNA) convention and case competition
 - Gamma Iota Sigma conference

Candidate Connect Community



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The Candidate Connect community allows SOA exam candidates, actuarial science students and all aspiring actuaries to interact with SOA staff and services, with SOA members, actuarial employers and with each other.

Latest Discussion Posts Add



[RE: New Webcast: How Can I Get a Job?](#)

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How Can I Get a Job?

Listen to expert advice from recruiters, hiring managers and actuaries. Sept. 30, noon - 1:30 p.m. ET.

Register Now

BE AN ACTUARY.



- WHAT IS AN ACTUARY?
- WHY ACTUARIAL SCIENCE?
- HOW DO I GET STARTED?
- COLLEGE STUDY
- ACTUARIAL EXAMS
- FINDING A JOB
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Society of Actuaries

Non-Profit Organization

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1,767	460	10.5K	116

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- Photos & videos

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Thank you.

