

# Nebraska Department of Banking and Finance

---

Digital Asset Training Program

Version 1.0



## Introduction

The Nebraska Department of Banking and Finance (“Department”) has created the Digital Asset Examiner Training Program (“Program”) for regulators working with digital assets. This Program has been carefully crafted to educate, and challenge, regulators who may encounter digital assets in traditional banking. This program takes into consideration a risk-based regulatory framework crafted by the Department in addition to educational materials including but not limited to books, case studies, projects, and advanced certifications.

This is a highly specialized Program. As such, it is **not** designed to be completed as quickly as possible nor is it designed to replace traditional safety and soundness regulatory training. Rather, this Program should be taken alongside traditional safety and soundness regulatory training **or** after traditional safety and soundness regulatory training. Due to the abstract nature of digital assets, this program should be embraced by keeping an open mind. This includes asking questions, taking breaks between the various activities, and proactive involvement in education in the digital asset industry.

## Program Design

The Program begins by introducing Training Objectives. Throughout the course of the Program, the participant will complete each of the different Training Objectives and gain hands-on experience to assist them in their knowledge, expertise, and overall understanding of digital assets in banking. Most importantly, after completing the Program in its entirety, the participant will be specially equipped to examine digital assets in a risk-based regulatory manner that promotes the safety and soundness in the communities in which the participant regulates.

This Program has two different training pathways. The first pathway is for traditional bank examiners. This pathway is designed to go alongside traditional safety and soundness training as a supplementary training. The second pathway is for participants who have a specialization, or focus, in digital assets. This training pathway is more in-depth and more intensive compared to the first training pathway.

Participants should expect to dedicate a minimum of 18 months to this Program for the Traditional Examiner Pathway. For participants participating in the Digital Asset Examiner Pathway, this Program will take a minimum of three years and will be a continual learning process. The training timelines provided assume a full workload where participants are unable to dedicate their entire attention to the Program.

There is an excel spreadsheet included that provides modules to help guide participants through the Program. There are administrative, training, and project tasks color-coded as shown in the key. The module title is color-coded based on what the focus of each module is. While each module may contain various administrative, training, and project related tasks, the primary theme of the module is based upon the module title coloring. The module program is meant to act as a guide and will flex based upon the traditional bank examiner pathway or the digital asset examiner pathway.

## Acknowledgements

This program was designed by the Department with special assistance from Digital Asset Examiner Specialist Shayli Wilkinson and Review Examiner Alex Thorson.

## Training Objectives

1. Understand Regulatory Frameworks and Compliance Requirements:
  - a. Gain a comprehensive understanding of the laws, regulations, and guidelines that govern financial institutions, including the Bank Secrecy Act, the Dodd-Frank Act, and other pertinent regulations.
  - b. Develop the ability to interpret and apply regulatory standards to a variety of financial institutions, including banks, credit unions, and other financial entities.
2. Risk Assessment and Management:
  - a. Learn to identify, assess, and manage the various types of risks financial institutions face including but not limited to, credit, market, operational, liquidity, and legal risks.
  - b. Develop skills in constructing and analyzing risk management models and stress testing scenarios to evaluate the financial institution's risk exposure.
3. Financial Analysis and Accounting:
  - a. Acquire skills in analyzing financial statements, including balance sheets, income statements, and cash flow statements.
  - b. Understand the principles of accounting specific to the financial industry, such as loan loss provisioning, valuation of financial instruments, and the treatment of off-balance sheet entities.
4. Examination Techniques and Procedures:
  - a. Master the standard procedures and techniques for conducting both on-site and off-site examinations.
  - b. Learn to effectively plan, execute, and wrap up examinations, including the preparation of detailed reports and follow-up on corrective actions.
5. Communication and Reporting:
  - a. Develop the ability to effectively communicate, both in writing and verbally, with various stakeholders including the management of financial institutions, regulatory bodies, and other examiners.
  - b. Learn to prepare clear, comprehensive, and actionable examination reports and to present findings and recommendations in a manner that is constructive and conducive to compliance.
6. Problem Solving and Decision Making:
  - a. Enhance problem-solving skills to address and resolve issues that arise during the examination process.
  - b. Develop the ability to make informed and timely decisions based on a comprehensive analysis of available data and in compliance with regulatory expectations.
7. Ethics and Professionalism:
  - a. Understand the ethical standards and professional responsibilities of a financial institution examiner.
  - b. Commit to maintaining the highest standards of integrity, impartiality, and confidentiality in the performance of their duties.

8. Continuing Education and Professional Development:
  - a. Recognize the importance of ongoing professional development and staying current with changes in financial regulations, market conditions, and new financial products and services.
  - b. Participate in continuous learning opportunities, including workshops, seminars, and professional certifications relevant to financial examination.
9. Technology and Tools:
  - a. Gain proficiency in the use of technology and tools necessary for financial analysis, risk assessment, and regulatory compliance.
  - b. Learn to use data analysis software, risk assessment tools, and other digital resources that assist in the examination process.
10. Interagency and Cross-Sector Collaboration:
  - a. Develop skills in collaborating with other regulatory bodies, both at the federal and state levels, to ensure a comprehensive regulatory approach.
  - b. Understand the importance of cooperation and information sharing among various stakeholders to enhance the regulatory framework and ensure the stability of the financial system.

## Glossary of Materials

### Technological Access

1. Excel
2. LinkedIn Learning
3. Blockchain Analytics Platform – the Department utilizes Chainalysis

### Books

1. Bubble or Revolution by Neel Mehta, Adi Agashe, and Parth Detroja
2. Read, Write, Own: Building the Next Era of the Internet by Chris Dixon
3. Tracers in the Dark by Andy Greenberg
4. Banking [On] Blockchain by Sumeet H. Chugani and Stephen T. Gannon

### Training Program Materials

1. Training Pathways
2. Training Program Modules Spreadsheet

### Regulatory Guidance

1. Nebraska Financial Innovation Act
2. Guiding and Establishing National Innovation for U.S. Stablecoins Act (GENIUS Act)
3. Digital Asset Market Clarity Act of 2025

### Bank for International Settlements Publications (*Optional*)

1. Supervising Cryptoassets for Anti-Money Laundering
2. Fintech Payments – Regulating Digital Payment Services and E-Money
3. Financial Stability Risks from Cryptoassets
4. Will the Real Stablecoin Please Stand Up
5. Cryptocurrencies and Decentralized Finance – Functions and Financial Stability Implications
6. Survey on Central Bank Digital Currencies and Crypto
7. Stablecoin Related Yields – Regulatory Approaches

### News Releases - OCC (*Optional*)

1. Conditional Approvals for Five National Trust Bank Charter Applications

### Whitepapers (*Optional*)

1. Bitcoin Whitepaper
2. Ethereum Whitepaper
3. Tether Whitepaper

# Traditional Examiner Pathway

This training pathway focuses on traditional banking safety and soundness while providing foundational digital asset training.

Senior Examiner

Complete between months 24 - 48

## Advanced Examination Applications Advanced Training

1. Complete CSBS Capital Markets School\*\*
2. Complete CSBS EIC School\*\*
3. Complete CSBS Effective Meetings with Management School\*\*
4. Chainalysis Certified Investigator Certification (*Optional*)

Complete between months 14 - 24

## Intermediate Examination Applications Intermediate Training

1. Digital Asset LinkedIn Learning Videos 9-12\*
2. Banking [On] Blockchain by Sumeet H. Chugani and Stephen T. Gannon
3. Chainalysis Certified Compliance Analyst Certification
4. Complete CSBS Credit Evaluation School\*\*
5. Digital Asset LinkedIn Learning Videos 13-15\*

Complete between months 8 - 16

## Introductory Examination Applications Introductory to Intermediate Training

1. Complete CSBS Bank Analysis School\*\*
2. Continue shadowing bank exams.
3. Introduction to Digital Assets
4. Bubble or Revolution by Neel Mehta, Adi Agashe, and Parth Detroja
5. Read, Write, Own by Chris Dixon
6. Digital Asset LinkedIn Learning Videos 1-8\*
7. Tracers in the Dark: The Global Hunt for the Crime Lords of Cryptocurrency by Andy Greenberg
8. Chainalysis Digital Asset Fundamentals Certification

Complete within first 12 months

## Examination Skill Development Beginner Examiner Training

1. Regulatory Document Review
2. Complete CSBS Day One
3. Exam Shadowing
4. Excel Training
5. Complete CSBS Day One: Next Steps

## Foundations of Examination (New Hire)

1. Initial onboarding
2. Review policies and procedures

# Digital Asset Examiner Pathway

This training pathway focuses on digital asset training while providing additional safety and soundness training. This pathway is recommended for individuals specializing in the digital asset industry.

Senior Digital Asset Examiner

Complete between months 24 - 48

## Advanced Examination Applications Advanced Training

1. Complete CSBS Capital Markets School\*\*
2. Complete CSBS EIC School\*\*
3. Complete CSBS Effective Meetings with Management School\*\*
4. Chainalysis Certified Advanced Investigator (*Optional*)
5. Chainalysis Certified Elite Investigator (*Optional*)
6. Chainalysis Certified Asset Seizure Course (*Optional*)\*\*\*

Complete between months 14 - 24

## Intermediate Examination Applications Intermediate Training

1. Chainalysis Certified Compliance Analyst Certification
2. Complete CSBS Credit Evaluation School\*\*
3. Digital Asset LinkedIn Learning Videos 13-15\*
4. Chainalysis Certified Investigator Certification

Complete between months 8 - 16

## Introductory Examination Applications Introductory to Intermediate Training

1. Complete CSBS Bank Analysis School\*\*
2. Tracers in the Dark: The Global Hunt for the Crime Lords of Cryptocurrency by Andy Greenberg
3. Chainalysis Digital Asset Fundamentals Certification
4. Digital Asset LinkedIn Learning Videos 9-12\*
5. Banking [On] Blockchain by Sumeet H. Chugani and Stephen T. Gannon

Complete within first 12 months

## Examination Skill Development Beginner Examiner Training

1. Complete CSBS Day One
2. Introduction to Digital Assets
3. Bubble or Revolution by Neel Mehta, Adi Agashe, and Parth Detroja
4. Digital Asset LinkedIn Learning Videos 1-8\*
5. Read, Write, Own by Chris Dixon
6. Exam Shadowing
7. Excel Training
8. Complete CSBS Day One: Next Steps

## Foundations of Examination (New Hire)

1. Initial onboarding
2. Review policies and procedures
3. Regulatory Document Review

\*Detailed spreadsheet attached

\*\*Or FDIC Equivalent

\*\*\*Chainalysis Certified Asset Seizure Course is offered via Private Training ONLY and is a **Specialized and Advanced** course.

# NDBF Digital Asset Training Program

Key					
Administrative					
Training					
Project					
Module	Activity	Objective(s)	Details	Completion Date	Completion Approval
<b>Onboarding</b>					
	Meet the Team		Get introduced to the team		
	Get Badge		Get badge		
	Meet the Director		Meet and talk to the Director		
	Talk to Legal	7.a. and 7.b.	Meet and talk to Legal team		
	Employee Policies & Procedures	7.a. and 7.b.	Read and sign the employee policies and procedures		
	Fingerprinting		Book and Complete fingerprinting		
	State Regulations - NFIA	1.a., 1.b.	Read the NFIA		
	State Regulations - NDBF SOPs	1.a., 1.b.	Read the NDBF SOPs		
	Discussions with Digital Asset Review Examiner		Discussions with Digital Asset Review Examiner regarding introductory hiring, schedule, etc.		
	Examiner Billing Document (EBD), E1 Timecard, Expense Reimbursement Document (ERD), Direct Deposit		Review and complete your first week EBD, Timecard and ERD, if applicable, with Digital Asset Examiner Specialist		
<b>Introduction to Regulating Digital Assets</b>					
	Traditional Exam Manual	1.b., 2.a., 2.b., 4.a., 4.b.	Read and annotate the traditional exam manual - notate questions for discussions with Digital Asset Examiner Specialist		
	State Regulations - NFIA	1.a., 1.b.	Reread and annotate the NFIA - notate questions for discussions with Digital Asset Examiner Specialist.		
	NFIA Project	1.a., 5.a.	Complete the NFIA Project - submit to Digital Asset Examiner Specialist		
	Digital Asset Discussions	5.a., 10.a.	Discussions with Digital Asset Examiner Specialist and Digital Asset Review Examiner- NFIA and Traditional exam manual		
<b>Digital Asset Examination</b>					
	Federal Regulations - GENIUS Act	1.a., 1.b.	Read and annotate the GENIUS Act - notate questions for discussion with Digital Asset Examiner Specialist		
	Federal Regulations - CLARITY Act	1.a., 1.b.	Read and annotate the CLARITY Act - notate questions for discussion with Digital Asset Examiner Specialist		
	Digital Asset Exam Manual	1.b., 2.a., 2.b., 4.a., 4.b.	Read and annotate the digital asset exam manual - notate questions for discussions with Digital Asset Examiner Specialist		
	Excel Ratio Project and Training	9.a., 9.b.	Complete Excel Ratio Project and Assigned Excel Training - submit to Digital Asset Examiner Specialist		
	Current Event Research Project #1	6.b., 8.a., 8.b., 10.a., 10.b.	Research current events relevant to digital assets		
	Discuss topics	5.a.	Discuss potential research topics with Digital Asset Examiner Specialist		
	Topic approval	5.a.	Choose a research topic and get approval from Digital Asset Review Examiner or Digital Asset Examiner Specialist		
<b>Introduction to Digital Assets</b>					
	Current Event Research Summary	5.a., 5.b.	Write a 1-2 page summary on your current event research		
	Current Event Project discussions with Digital Asset Examiner Specialist	5.a.	Discuss current event project with Digital Asset Examiner Specialist		
	Digital Asset Manual Discussions	5.a.	Discuss digital asset manual with Digital Asset Examiner Specialist and Digital Asset Review Examiner		
	Bubble or Revolution	8.a., 8.b.	Read Bubble or Revolution - take notes for summary		
	<b>LinkedIn Video #1</b>	Cryptocurrency Foundations	8.a., 8.b.	Complete this training on LinkedIn	
	<b>LinkedIn Video #2</b>	Introduction to Fintech	8.a., 8.b.	Complete this training on LinkedIn	
	<b>LinkedIn Video #3</b>	What is Web3?	8.a., 8.b.	Complete this training on LinkedIn	
	<b>LinkedIn Video #4</b>	Foundations of Decentralized Finance (DeFi)	8.a., 8.b.	Complete this training on LinkedIn	
	Read, Write, Own	8.a., 8.b.	Read Read, Write, Own - take notes for summary		
<b>Digital Asset Projects</b>					
	Current Event Research Summary Submission	5.a., 5.b.	Submit your written 1-2 page summary on your current event research to Digital Asset Examiner Specialist		
	Current Event Research Project Presentation Prep	5.a., 5.b.	Prepare a presentation based on your current event research		
	Bubble or Revolution Summary Submission	5.a., 5.b.	Write and submit your written 1-2 page summary on Bubble or Revolution to Digital Asset Examiner Specialist.		
	Read, Write, Own Summary Submission		Write and submit your written 1-2 page summary on Read, Write, Own to Digital Asset Examiner Specialist.		
	Discussions/Check-in with Digital Asset Examiner Specialist	5.a.	Check-in with Digital Asset Examiner Specialist. on progress, feedback on recent submissions		

# NDBF Digital Asset Training Program

Digital Asset Foundations	Activity	Objective(s)	Details	Completion Date	Completion Approval
	Current Event Research Project Presentation	5.a., 5.b.,	Present current event research project to Digital Asset Review Examiner, Digital Asset Examiner Specialist, and Director (10-15 minutes) and Q&A/Discuss (30-45 min)		
LinkedIn Video #5	Cryptocurrencies and Blockchain Security: Build a Secure Foundation in Crypto and Blockchain	8.a., 8.b.	Complete this training on LinkedIn		
LinkedIn Video #6	Safeguarding Your Crypto: A Practical Guide to Avoiding Loss	8.a., 8.b.	Complete this training on LinkedIn		
LinkedIn Video #7	Fundamentals of Payments	8.a., 8.b.	Complete this training on LinkedIn		
LinkedIn Video #8	Understanding Cross-Border Payments	8.a., 8.b.	Complete this training on LinkedIn		
<b>Digital Asset Exam Prep</b>					
	UBPR, Call Report, and Digital Asset Weekly Reporting	3.a., 3.b.	Review digital asset reporting		
	Introduction to Chainalysis	9.a., 9.b.	Chainalysis introduction/demonstration with Digital Asset Examiner Specialist		
	Chainalysis Digital Asset Fundamentals Certification	9.a., 9.b.	Begin Chainalysis Digital Asset Fundamentals Certification		
<b>Digital Asset Exam</b>					
	Digital Asset Exam Week	2.a., 2.b., 3.a., 4.a., 4.b., 5.a., 5.b., 6.a., 6.b.	Digital asset exam with Digital Asset Review Examiner and Digital Asset Examiner Specialist		
	Finish Chainalysis Digital Asset Fundamentals Certification	9.a., 9.b.	Finish Chainalysis Digital Asset Fundamentals Certification, pass test		
<b>Program Check-in</b>					
	Discussions with Digital Asset Examiner Specialist over progress		Discuss milestones, struggles, progress on different areas, outlook, and plans for next steps		
<b>Digital Assets in Depth</b>					
	Banking [On] Blockchain	8.a., 8.b.	Read Banking [On] Blockchain - take notes		
	Discuss Banking [On] Blockchain	5.a.	Discuss Banking [On] Blockchain with Digital Asset Examiner Specialist, as needed		
	Begin Banking [On] Blockchain Summary	5.a., 5.b.	Write a 1-2 page summary on Banking [On] Blockchain		
<b>Traditional Exam Training - Introduction</b>					
	Begin CSBS Day One Videos	3.a., 3.b.	Begin CSBS Day One training videos		
	On-site exam with field crew	2.a., 2.b., 3.a., 4.a., 4.b., 5.a., 5.b., 6.a., 6.b.	On-site examination training with field crew		
	CSBS Day One Worksheets	3.a., 3.b.	Begin CSBS Day One Worksheets as able		
<b>Applied Digital Assets</b>					
LinkedIn Video #9	Learning Digital Business Analysis	8.a., 8.b.	Complete this training on LinkedIn		
LinkedIn Video #10	Introduction to Applied Cryptography and Cryptanalysis by Infosec	8.a., 8.b.	Complete this training on LinkedIn		
LinkedIn Video #11	Learning Cryptography and Network Security	8.a., 8.b.	Complete this training on LinkedIn		
LinkedIn Video #12	Blockchain and Smart Contracts Security	8.a., 8.b.	Complete this training on LinkedIn		
<b>Blockchain Tracing</b>					
	Chainalysis Certified Compliance Analyst Certification	9.a., 9.b.	Begin Chainalysis Certified Compliance Analyst Certification		
	Blockchain Tracing Project	9.a., 9.b.	Begin Blockchain Tracing project with Digital Asset Examiner Specialist.		
	Finish Chainalysis Certified Compliance Analyst Certification	9.a., 9.b.	Finish Chainalysis Certified Compliance Analyst Certification, pass test		
	Blockchain Tracing Project Submission	9.a., 9.b.	Complete and submit Blockchain Tracing Project to Digital Asset Examiner Specialist		
<b>Traditional Exam Training - Intermediate</b>					
	On-site exam with field crew	2.a., 2.b., 3.a., 4.a., 4.b., 5.a., 5.b., 6.a., 6.b.	On-site examination training with field crew		
	Continue working on CSBS Day One Worksheets	3.a., 3.b.	Continue to work on CSBS Day One worksheets - helpful while on-site		
<b>Advanced Digital Assets</b>					
LinkedIn Video #13	Penetration Testing	8.a., 8.b.	Complete this training on LinkedIn		
LinkedIn Video #14	Blockchain: Learning Solidity	8.a., 8.b.	Complete this training on LinkedIn		
LinkedIn Video #15	Digital Technologies Case Studies: AI, IoT, Robotics, Blockchain	8.a., 8.b.	Complete this training on LinkedIn		
	Current Event Research Project #2	6.b., 8.a., 8.b., 10.a., 10.b.	Research current events relevant to digital assets - build on previous project as able		
	Discuss topics	5.a.	Discuss potential research topics with Digital Asset Examiner Specialist		
	Topic approval	5.a.	Choose a research topic and get approval from Digital Asset Review Examiner or Digital Asset Examiner Specialist		

# NDBF Digital Asset Training Program

Digital Asset Research	Activity	Objective(s)	Details	Completion Date	Completion Approval
	Current Event Research Project #2	6.b., 8.a., 8.b., 10.a., 10.b.	Do research for Current Event Research Project #2		
	Current Event Research Summary	5.a., 5.b.	Write a 1-2 page summary on your current event research		
	Current Event Project Discussions	5.a., 5.b.	Discuss current event project with Digital Asset Examiner Specialist		
	Current Event Research Project #2 Summary Submission	5.a., 5.b.	Submit your written 1-2 page summary on your current event research to Digital Asset Examiner Specialist		
	Current Event Research Project #2 Presentation Prep	5.a., 5.b.	Prepare a presentation based on your current event research.		
<b>Digital Asset &amp; Traditional Outstanding Items</b>					
	Current Event Research Project Presentation	5.a., 5.b.	Present current event research project to Digital Asset Review Examiner, Digital Asset Examiner Specialist, and Director (10-15 minutes) and Q&A/Discuss (30-45 min)		
	Wrap up CSBS Day One	3.a.	Finish CSBS Day One		
<b>Program Check-In</b>					
	Discussions with Digital Asset Examiner Specialist over progress		Discuss milestones, struggles, progress on different areas, outlook, and plans for next steps		
<b>Bank Analysis School</b>					
	CSBS Bank Analysis School	All objectives	Attend and Complete CSBS Bank Analysis School		
<b>Digital Asset Exam Prep &amp; Exam</b>					
	Digital Asset Exam Week	2.a., 2.b., 3.a., 4.a., 4.b., 5.a., 5.b., 6.a., 6.b.	Digital asset exam with Digital Asset Review Examiner and Digital Asset Examiner Specialist		
<b>Advanced Education</b>					
<b>CSBS Schools</b>	CSBS Credit Evaluation School		Attend and Complete CSBS Credit Evaluation School		
	CSBS Capital Markets School		Attend and Complete CSBS Capital Markets School		
	CSBS EIC School		Attend and Complete CSBS EIC School		
	CSBS Effective Meetings with Management School		Attend and Complete CSBS Effective Meetings with Management School		
<b>Chainalysis Certifications</b>	Chainalysis Certified Investigator Certification		<i>Optional for Traditional Examiner Pathway</i>		
	Chainalysis Certified Advanced Investigator Certification		<i>Optional for Traditional Examiner and Digital Asset Examiner Pathways</i>		
	Chainalysis Certified Elite Investigator Certification		<i>Optional for Traditional Examiner and Digital Asset Examiner Pathways</i>		
	Chainalysis Certified Asset Seizure Course		<i>Optional for Traditional Examiner and Digital Asset Examiner Pathways</i>		
<b>Optional Readings</b>					
<b>Bank for International Settlements (BIS)</b>	BIS – Supervising Cryptoassets for Anti-Money Laundering		<i>Optional for Traditional Examiner and Digital Asset Examiner Pathways</i>		
	BIS – Fintech Payments – Regulating Digital Payment Services and E-Money		<i>Optional for Traditional Examiner and Digital Asset Examiner Pathways</i>		
	BIS – Financial Stability Risks from Cryptoassets		<i>Optional for Traditional Examiner and Digital Asset Examiner Pathways</i>		
	BIS – Will the Real Stablecoin Please Stand Up		<i>Optional for Traditional Examiner and Digital Asset Examiner Pathways</i>		
	BIS – Cryptocurrencies and Decentralized Finance – Functions and Financial Stability Implications		<i>Optional for Traditional Examiner and Digital Asset Examiner Pathways</i>		
	BIS – Survey on Central Bank Digital Currencies and Crypto		<i>Optional for Traditional Examiner and Digital Asset Examiner Pathways</i>		
	BIS – Stablecoin Related Yields – Regulatory Approaches		<i>Optional for Traditional Examiner and Digital Asset Examiner Pathways</i>		
<b>Whitepapers</b>	Bitcoin Whitepaper		<i>Optional for Traditional Examiner and Digital Asset Examiner Pathways</i>		
	Ethereum Whitepaper		<i>Optional for Traditional Examiner and Digital Asset Examiner Pathways</i>		
	Tether Whitepaper		<i>Optional for Traditional Examiner and Digital Asset Examiner Pathways</i>		