Cybersecurity Master's Degree Program

10 Online Courses:

- 2 Admission Courses
- 4 Core Courses
- 4 Electives

1 On-Campus Precapstone Course

1 Online Capstone Course

Explore several examples of how you might progress through the program at a pace that works for you.

- 2-year accelerated pathway: Illustrates how a student might complete the program on an intensive timeline, taking a full course load each term.
- 3-year steady pace pathway: Demonstrates a steady, year-round pace that supports consistent progress while balancing work and study.
- 4-year extended pathway: Reflects a more flexible approach, allowing lighter course loads or breaks between semesters.

Each pathway represents one possible way to structure your studies. Your path will depend on your goals and schedule. Courses listed here are examples; availability may vary by year.

Learn more about the <u>cybersecurity program</u> courses and degree requirements.





This accelerated pathway illustrates how a student can fast-track their studies, balancing multiple courses in back-to-back terms.

Completing the **admission courses** in the same term is intensive; consider the course load and your schedule before deciding how quickly to begin.

The summer precapstone and fall capstone sequence suits both U.S. and international students.

Year 1

Spring

2 Courses

- Admission Course Introduction to Cybersecurity
- Admission Course
 Networks and Cloud Security

MILESTONES:

- Connect with a predegree and admissions advisor for support during the admission process.
- Submit your application while completing the courses for admission (application period open March 15–April 15).

Summer

2 Courses

- Elective Course

 Example: Introduction to Kali Linux and Ethical Hacking
- Elective Course

 Example: Communication

 Protocols and Internet Architecture

MILESTONES:

- Celebrate admission. Decisions released in June.
- Connect with an academic advisor to plan your degree path.

Fall

3 Courses

 Application Development Course

Example: Software Applications: Security Lifecycle Threats

 Risk Assessment Course

Example: Foundations of Technology Risk Management and Assessment

Elective Course
 Example: Cloud and Generative
 Artificial Intelligence Security
 Architectures

MILESTONE:

 Convocation. Join us on campus for a celebration with fellow degree candidates.



Year 2

Spring

3 Courses

 Compliance and Controls Course

Example: Fundamentals of the Law and Cybersecurity

 Cloud Computing Course

Example: Secure Applications:
Managing the Deployment
Infrastructure

• Elective Course

Example: Artificial Intelligence,
the Internet-of-Things, and
Cybersecurity

Summer

Precapstone Course

MILESTONE:

 On-campus experience. In a 3-week course, collaborate with your project team, industry partner, and faculty on a capstone plan.

International students: Plan ahead during the prior term for necessary visa and travel logistics.

Fall (Final Term)

Capstone Course

MILESTONE:

 Complete your capstone project & fulfill your degree requirements for graduation.

Graduation (May)

Join your peers on campus to celebrate at Harvard University Commencement.

Stay engaged through the Harvard Alumni Association and Harvard Extension School Alumni Association.



This sample plan illustrates a steady pace, with the admission courses taken separately in back-to-back terms. The path includes a January precapstone and spring capstone sequence (the January precapstone course is only available to U.S. students).

Year 1

Fall

1 Course

Admission Course
 Introduction to Cybersecurity

MILESTONES:

- Earning your way in. Complete your first course for admission.
- Connect with a predegree and admissions advisor for support during the admission process.

Spring

1 Course

Admission Course
 Networks and Cloud Security

MILESTONE:

 Submit your application while taking your second admission course (application period open March 15–April 15).

Summer

1 Course

• Elective Course

Example: Communication

Protocols and Internet

Architectures

MILESTONES:

- Celebrate admission. Decisions released in June.
- Connect with an academic advisor to plan your degree path.



Year 2

Fall

2 Courses

 Application Development Course

Example: Software Applications: Security Lifecycle Threats

• Elective Course

Example: Information Systems
Forensics

Spring

2 Courses

- Cloud Computing Course Example: Secure Applications: Managing the Deployment Infrastructure
- Compliance and Controls
 Course

Example: Fundamentals of the Law and Cybersecurity

Summer

- 1 Course
- Elective Course
 Example: Introduction to Kali
 Linux and Ethical Hacking



Year 3

Fall

2 Courses

- Risk Assessment Course Example: Foundations of Technology Risk Management and Assessment
- Elective Course
 Example: Cloud and
 Generative Artificial
 Intelligence Security
 Architectures

MILESTONE:

 Convocation. Join us on campus for a celebration with fellow degree candidates.

January

Precapstone Course

MILESTONE:

 On-campus experience. In a 3-week course, collaborate with your project team, industry partner, and faculty on a capstone plan.

Spring (Final Term)

Capstone Course

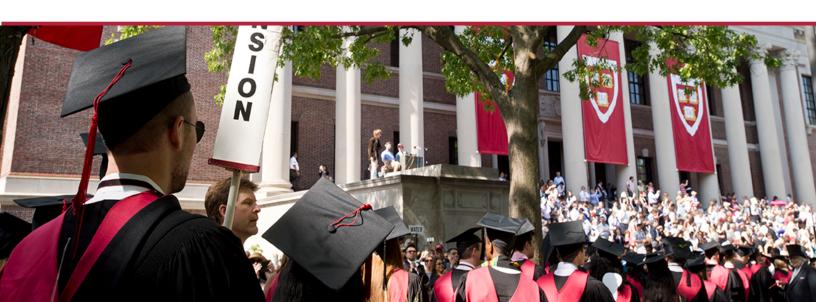
MILESTONE:

 Complete your capstone project & fulfill your degree requirements for graduation.

Graduation (May)

Join your peers on campus to celebrate at Harvard University Commencement.

Stay engaged through the Harvard Alumni Association and Harvard Extension School Alumni Association.



This extended pathway represents a flexible, part-time pace, with online courses taken only in the fall and spring semesters. It culminates in a summer precapstone and fall capstone sequence — ideal for both U.S. and international students.

Year 1

Fall

- 1 Course
- Admission Course Introduction to Cybersecurity

MILESTONES:

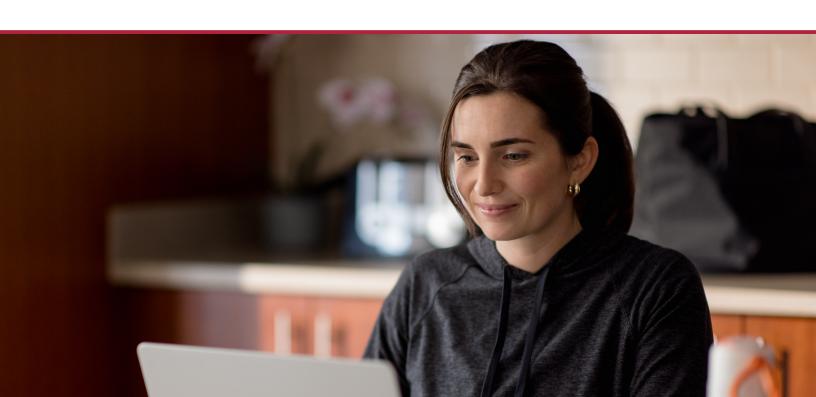
- Earning your way in. Complete your first course for admission.
- Connect with a predegree and admissions advisor for support during the admission process.

Spring

- 1 Course
- Admission Course
 Networks and Cloud Security

MILESTONE:

 Submit your application while taking your second admission course (application period open March 15– April 15). Admission decisions released in June.



Year 2

Fall

2 Courses

- Cloud Computing Course Example: Cloud Services, Infrastructure, and Computing
- Elective Course

 Example: Systems

 Programming and Machine

 Organization

MILESTONES:

- Convocation. Join us on campus for a celebration with fellow degree candidates.
- Connect with an academic advisor to plan your degree path.

Spring

2 Courses

- Application
 Development Course
 Example: Artificial Intelligence, the Internet-of-Things, and Cybersecurity
- Elective Course
 Example: Fundamentals of Cloud Computing and OpenAl with Microsoft Azure

Summer

1 Course

 Compliance and Controls Course Example: Fundamentals of the Law and Cybersecurity



Year 3

Fall

2 Courses

- Elective Course
 Example: Cloud and Generative
 Artificial Intelligence Security
- Elective Course

 Example: Communication

 Protocols and Internet

 Architectures

Spring

1 Course

Risk Assessment Course
 Example: Cryptocurrency and
 Blockchain: Understanding the
 Technology and the Challenges
 It Presents

Summer

Precapstone Course

MILESTONE:

- On-campus experience. In a 3-week course, collaborate with your project team, industry partner, and faculty on a capstone plan.
- International students: Plan ahead during the prior term for necessary visa and travel logistics.

Year 4

Fall (Final Term)

Capstone Course

MILESTONE:

• Complete your capstone project & fulfill your degree requirements for graduation.

Graduation (May)

- Join your peers on campus to celebrate at Harvard University Commencement.
- Stay engaged through the Harvard Alumni Association and Harvard Extension School Alumni Association.

