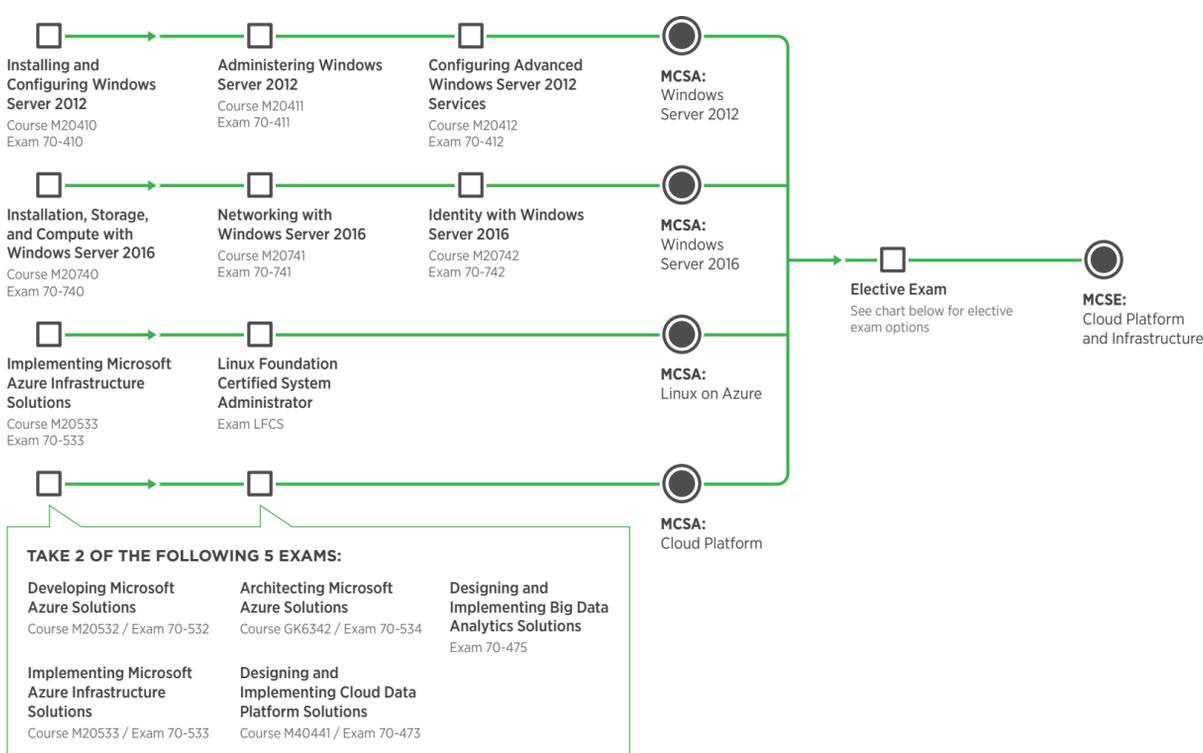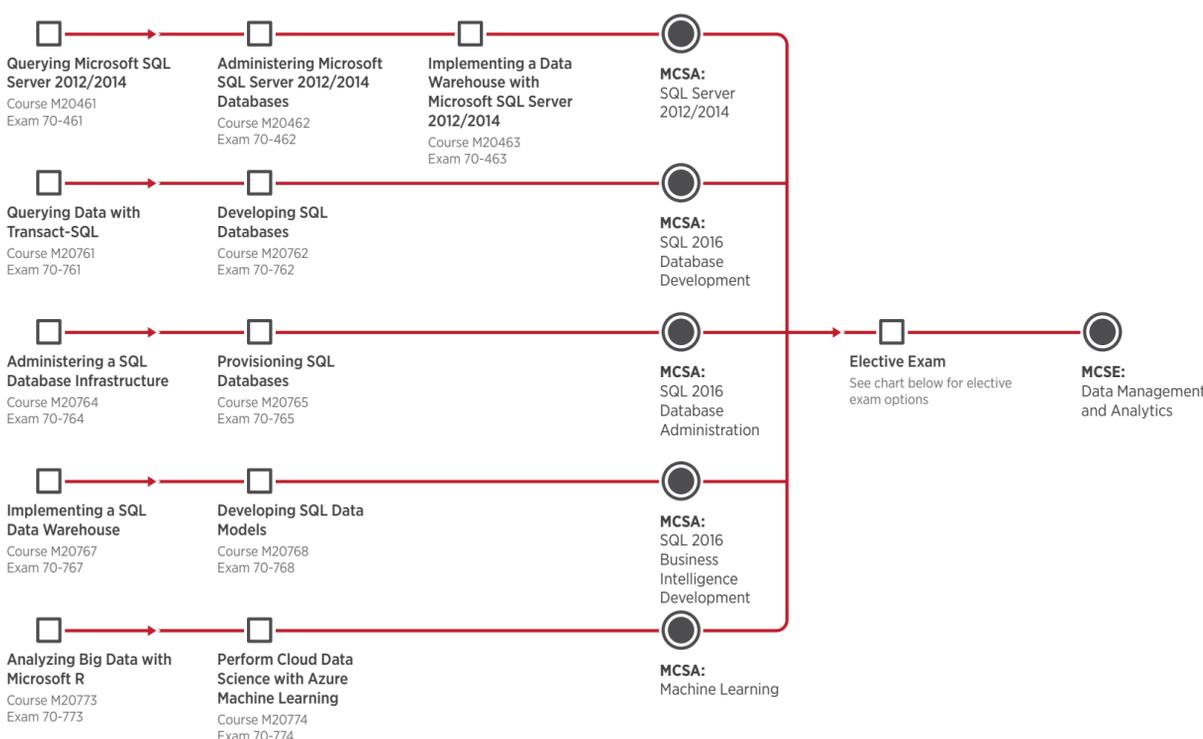# Microsoft Certification Tracks

☐ Recommended Training and Associated Exam   ● Certification
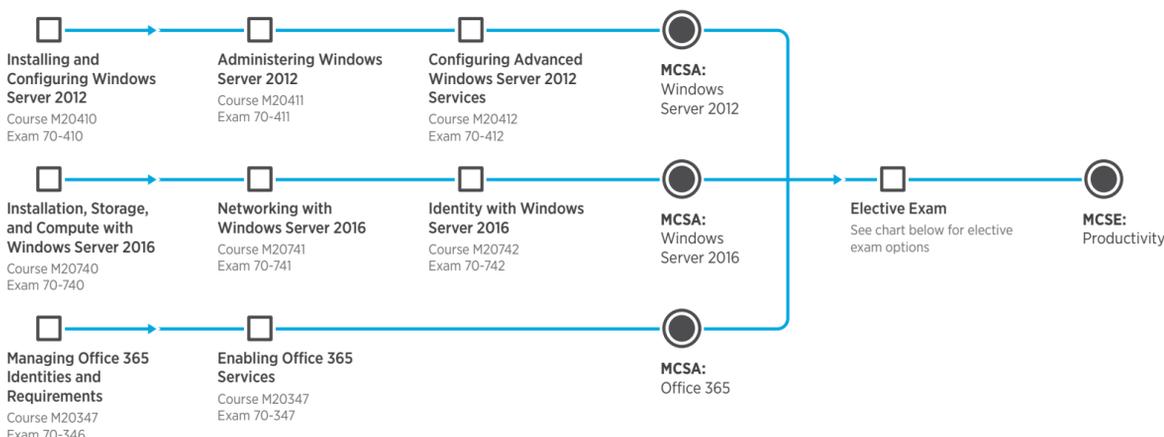
Cloud Platform and Infrastructure

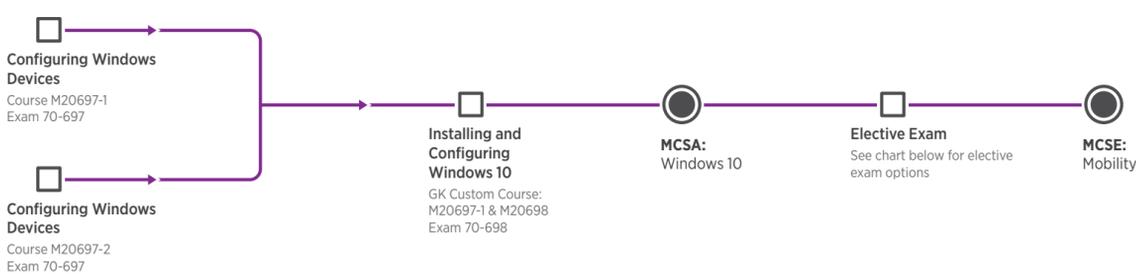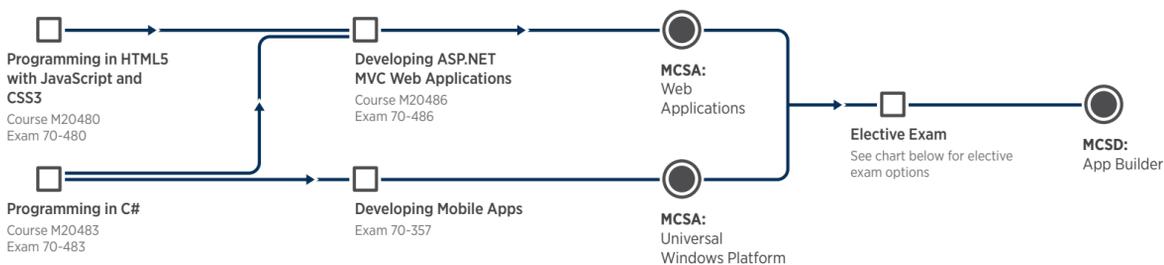**Installing and Configuring Windows Server 2012**
Course M20410
Exam 70-410
→ **Administering Windows Server 2012**
Course M20411
Exam 70-411
→ **Configuring Advanced Windows Server 2012 Services**
Course M20412
Exam 70-412
→ ● **MCSA: Windows Server 2012**

Installation, Storage, and Compute with Windows Server 2016
Course M20740
Exam 70-740
→ **Networking with Windows Server 2016**
Course M20741
Exam 70-741
→ **Identity with Windows Server 2016**
Course M20742
Exam 70-742
→ ● **MCSA: Windows Server 2016**

Implementing Microsoft Azure Infrastructure Solutions
Course M20533
Exam 70-533
→ **Linux Foundation Certified System Administrator**
Exam LFCS
→ ● **MCSA: Linux on Azure**

→ ● **MCSA: Cloud Platform**

TAKE 2 OF THE FOLLOWING 5 EXAMS:

Developing Microsoft Azure Solutions
Course M20532 / Exam 70-532

Architecting Microsoft Azure Solutions
Course GK6342 / Exam 70-534

Designing and Implementing Big Data Analytics Solutions
Exam 70-475

Implementing Microsoft Azure Infrastructure Solutions
Course M20533 / Exam 70-533

Designing and Implementing Cloud Data Platform Solutions
Course M40441 / Exam 70-473

Elective Exam
See chart below for elective exam options

→ ● **MCSE: Cloud Platform and Infrastructure**

Data Management and Analytics

Querying Microsoft SQL Server 2012/2014
Course M20461
Exam 70-461
→ **Administering Microsoft SQL Server 2012/2014 Databases**
Course M20462
Exam 70-462
→ **Implementing a Data Warehouse with Microsoft SQL Server 2012/2014**
Course M20463
Exam 70-463
→ ● **MCSA: SQL Server 2012/2014**

Querying Data with Transact-SQL
Course M20761
Exam 70-761
→ **Developing SQL Databases**
Course M20762
Exam 70-762
→ ● **MCSA: SQL 2016 Database Development**

Administering a SQL Database Infrastructure
Course M20764
Exam 70-764
→ **Provisioning SQL Databases**
Course M20765
Exam 70-765
→ ● **MCSA: SQL 2016 Database Administration**

Implementing a SQL Data Warehouse
Course M20767
Exam 70-767
→ **Developing SQL Data Models**
Course M20768
Exam 70-768
→ ● **MCSA: SQL 2016 Business Intelligence Development**

Analyzing Big Data with Microsoft R
Course M20773
Exam 70-773
→ **Perform Cloud Data Science with Azure Machine Learning**
Course M20774
Exam 70-774
→ ● **MCSA: Machine Learning**

Elective Exam
See chart below for elective exam options
→ ● **MCSE: Data Management and Analytics**

Productivity

Installing and Configuring Windows Server 2012
Course M20410
Exam 70-410
→ **Administering Windows Server 2012**
Course M20411
Exam 70-411
→ **Configuring Advanced Windows Server 2012 Services**
Course M20412
Exam 70-412
→ ● **MCSA: Windows Server 2012**

Installation, Storage, and Compute with Windows Server 2016
Course M20740
Exam 70-740
→ **Networking with Windows Server 2016**
Course M20741
Exam 70-741
→ **Identity with Windows Server 2016**
Course M20742
Exam 70-742
→ ● **MCSA: Windows Server 2016**

Managing Office 365 Identities and Requirements
Course M20347
Exam 70-346
→ **Enabling Office 365 Services**
Course M20347
Exam 70-347
→ ● **MCSA: Office 365**

Elective Exam
See chart below for elective exam options
→ ● **MCSE: Productivity**

Mobility

Configuring Windows Devices
Course M20697-1
Exam 70-697

Configuring Windows Devices
Course M20697-2
Exam 70-697

→ **Installing and Configuring Windows 10**
GK Custom Course: M20697-1 & M20698
Exam 70-698
→ ● **MCSA: Windows 10**
→ **Elective Exam**
See chart below for elective exam options
→ ● **MCSE: Mobility**

App Builder

Programming in HTML5 with JavaScript and CSS3
Course M20480
Exam 70-480
→ **Developing ASP.NET MVC Web Applications**
Course M20486
Exam 70-486
→ ● **MCSA: Web Applications**

Programming in C#
Course M20483
Exam 70-483
→ **Developing Mobile Apps**
Exam 70-357
→ ● **MCSA: Universal Windows Platform**

→ **Elective Exam**
See chart below for elective exam options
→ ● **MCSD: App Builder**

ELECTIVE EXAMS

Cloud Platform and Infrastructure

Developing Microsoft Azure Solutions
Course M20532 / Exam 70-532

Implementing Microsoft Azure Infrastructure Solutions
Course M20533 / Exam 70-533

Architecting Microsoft Azure Solutions
Course GK6342 / Exam 70-534

Designing and Implementing Cloud Data Platform Solutions
Course M40441 / Exam 70-473

Designing and Implementing Big Data Analytics Solutions
Exam 70-475

Securing Windows Server 2016
Course M20744 / Exam 70-744

Designing and Implementing a Server Infrastructure
Course M20413 / Exam 70-413

Implementing an Advanced Server Infrastructure
Course M20414 / Exam 70-414

Monitoring and Operating a Private Cloud
Course M20246 / Exam 70-246

Data Management and Analytics

Configuring and Deploying a Private Cloud
Course M20247 / Exam 70-247

Designing and Implementing Cloud Data Platform Solutions
Course M40441 / Exam 70-473

Designing and Implementing Big Data Analytics Solutions
Exam 70-475

Developing Microsoft SQL Server Databases
Course M20464 / Exam 70-464

Designing Database Solutions for Microsoft SQL Server
Course M20465 / Exam 70-465

Implementing Data Models and Reports with Microsoft SQL Server
Course M20466 / Exam 70-466

Designing Business Intelligence Solutions with Microsoft SQL Server
Course M20467 / Exam 70-467

Developing SQL Databases
Course M20762 / Exam 70-762

Implementing a Data Warehouse Using SQL
Course M20767 / Exam 70-767

Developing SQL Data Models
Course M20768 / Exam 70-768

Analyzing Big Data with Microsoft R
Course M20773 / Exam 70-773

Perform Cloud Data Science with Azure Machine Learning
Course M20774 / Exam 70-774

Perform Data Engineering on Microsoft Azure HDInsight
Course M20775 / Exam 70-775

Productivity

Designing and Deploying Microsoft Exchange Server 2016
Course M20345-1 or M20345-2 / Exam 70-345

Managing Microsoft SharePoint Server 2016
Course M20339-1 or M20339-2 / Exam 70-339

Deploying Enterprise Voice with Skype for Business 2015
Course M40409 / Exam 70-333

Core Solutions of Microsoft Skype for Business 2015
Course M20334 / Exam 70-334

Core Solutions of Microsoft SharePoint Server 2013
Course M20331 / Exam 70-331

Advanced Solutions of Microsoft SharePoint Server 2013
Course M20332 / Exam 70-332

Core Solutions of Microsoft Exchange Server 2013
Course M20341 / Exam 70-341

Advanced Solutions of Microsoft Exchange Server 2013
Course M20342 / Exam 70-342

Mobility

Deploying Windows Desktops and Enterprise Applications
Course M20695 / Exam 70-695

Administering System Center Configuration Manager and Intune
Course M20696 / Exam 70-696

Planning for and Managing Devices in the Enterprise
Course M20398 / Exam 70-398

App Builder

Developing Microsoft Azure Solutions
Course M20532 / Exam 70-532

Architecting Microsoft Azure Solutions
Course GK6342 / Exam 70-534

Developing Microsoft Azure and Web Services
Course M20487 / Exam 70-487

Developing Microsoft SharePoint Server 2013 Core Solutions
Course M20488 / Exam 70-488

Developing Microsoft SharePoint Server 2013 Advanced Solutions
Course M20489 / Exam 70-489

Universal Windows Platform – App Architecture and UX/UI
Exam 70-354

Universal Windows Platform – App Data, Services, and Coding Patterns
Exam 70-355

Administering Microsoft Visual Studio Team Foundation Server
Exam 70-496

Software Testing with Visual Studio
Exam 70-497

Delivering Continuous Value with Visual Studio Application Lifecycle Management
Exam 70-498

Note: These MCSE and MCSD credentials do not have a recertification requirement. Instead, every year, you have the opportunity to re-earn the certification by passing an exam from the list of electives, demonstrating your investment in broadening or deepening your skills in that area. Each time you earn the certification, a new certification entry is added to your transcript. This process replaces the existing recertification requirement of taking a specific recertification exam every two years (MCSD) or every three years (MCSE) to prevent your certification from going inactive.