MICROSOFT CERTIFICATION PATH COMPETENCY AREAS

Core Infrastructure: IT Pro & Developer
Excellence in workload administration and engineering

Productivity: IT Pro
Expertise in deploying Microsoft Office cloud and hybrid solutions to enterprise customers

Data management & analytics: IT Pro & Developer
Proficiency in database administration and infrastructure

App Builder: Developer
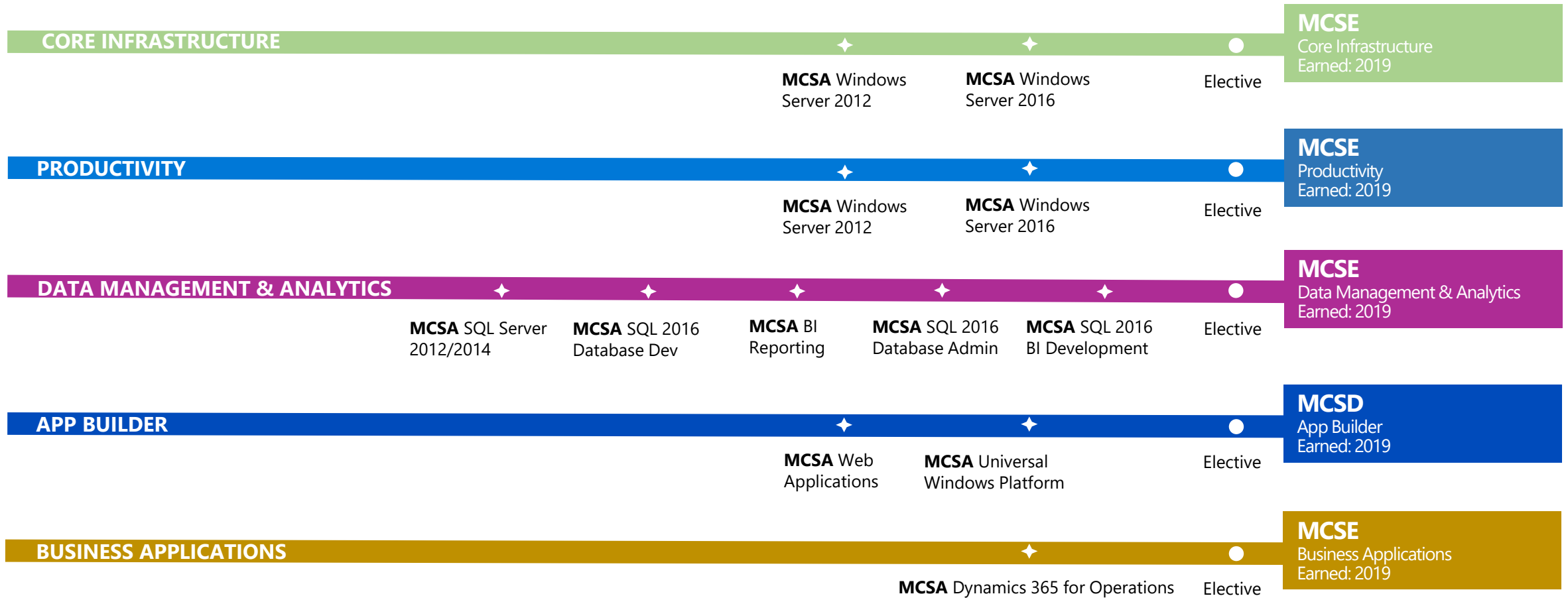Expertise in app development and quality assurance

Business Applications: IT Pro & Developer
Skills in Microsoft Dynamics Business Applications Software

As we continue to grow our Microsoft role-based certification portfolio, all remaining MCSA, MCSD, MCSE certifications and associated exams are scheduled to fully retire by January 31, 2021.
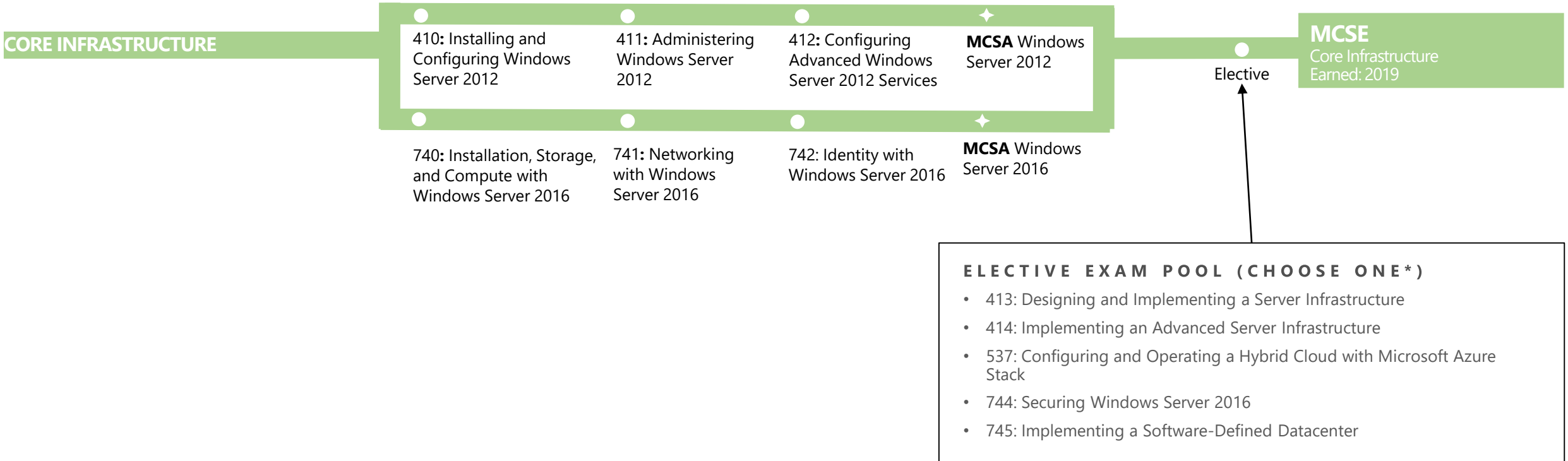
Microsoft Learning

CORE INFRASTRUCTURE

MCSE
Core Infrastructure
Earned: 2019

MCSA Windows Server 2012   **MCSA** Windows Server 2016   Elective

PRODUCTIVITY

MCSE
Productivity
Earned: 2019

MCSA Windows Server 2012   **MCSA** Windows Server 2016   Elective

DATA MANAGEMENT & ANALYTICS

MCSE
Data Management & Analytics
Earned: 2019

MCSA SQL Server 2012/2014   **MCSA** SQL 2016 Database Dev   **MCSA** BI Reporting   **MCSA** SQL 2016 Database Admin   **MCSA** SQL 2016 BI Development   Elective

APP BUILDER

MCSD
App Builder
Earned: 2019

MCSA Web Applications   **MCSA** Universal Windows Platform   Elective

BUSINESS APPLICATIONS

MCSE
Business Applications
Earned: 2019

MCSA Dynamics 365 for Operations   Elective

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Complete one of the MCSAs in the associated path and pass one exam from the elective exam pool to earn your MCSE or MCSD certification.

CORE INFRASTRUCTURE PATH

CORE INFRASTRUCTURE

410: Installing and Configuring Windows Server 2012	411: Administering Windows Server 2012	412: Configuring Advanced Windows Server 2012 Services	**MCSA** Windows Server 2012
740: Installation, Storage, and Compute with Windows Server 2016	741: Networking with Windows Server 2016	742: Identity with Windows Server 2016	**MCSA** Windows Server 2016

Elective

MCSE
Core Infrastructure
Earned: 2019

ELECTIVE EXAM POOL (CHOOSE ONE*)

- 413: Designing and Implementing a Server Infrastructure
- 414: Implementing an Advanced Server Infrastructure
- 537: Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack
- 744: Securing Windows Server 2016
- 745: Implementing a Software-Defined Datacenter

*Complete the exams on a path in any order to receive the appropriate certification. Choose one elective to complete your MCSE, then choose a different elective next year or retake a previously taken cloud-based exam to stay relevant and prove your expanded skills.

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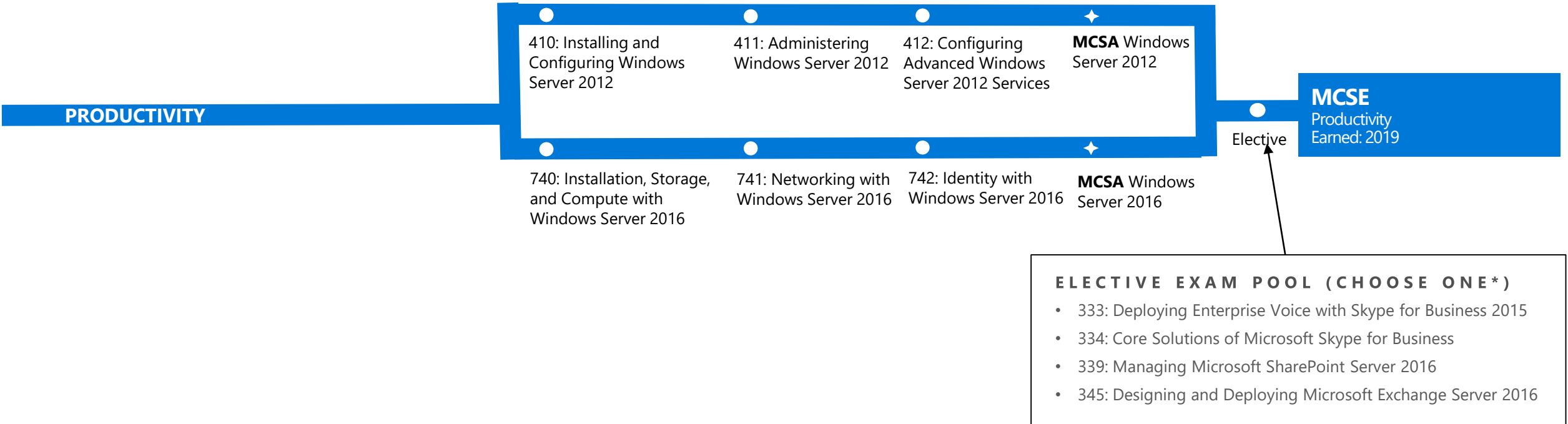
PRODUCTIVITY PATH

PRODUCTIVITY

410: Installing and Configuring Windows Server 2012

411: Administering Windows Server 2012

412: Configuring Advanced Windows Server 2012 Services

MCSA Windows Server 2012

740: Installation, Storage, and Compute with Windows Server 2016

741: Networking with Windows Server 2016

742: Identity with Windows Server 2016

MCSA Windows Server 2016

Elective

MCSE Productivity Earned: 2019

ELECTIVE EXAM POOL (CHOOSE ONE*)
- 333: Deploying Enterprise Voice with Skype for Business 2015
- 334: Core Solutions of Microsoft Skype for Business
- 339: Managing Microsoft SharePoint Server 2016
- 345: Designing and Deploying Microsoft Exchange Server 2016

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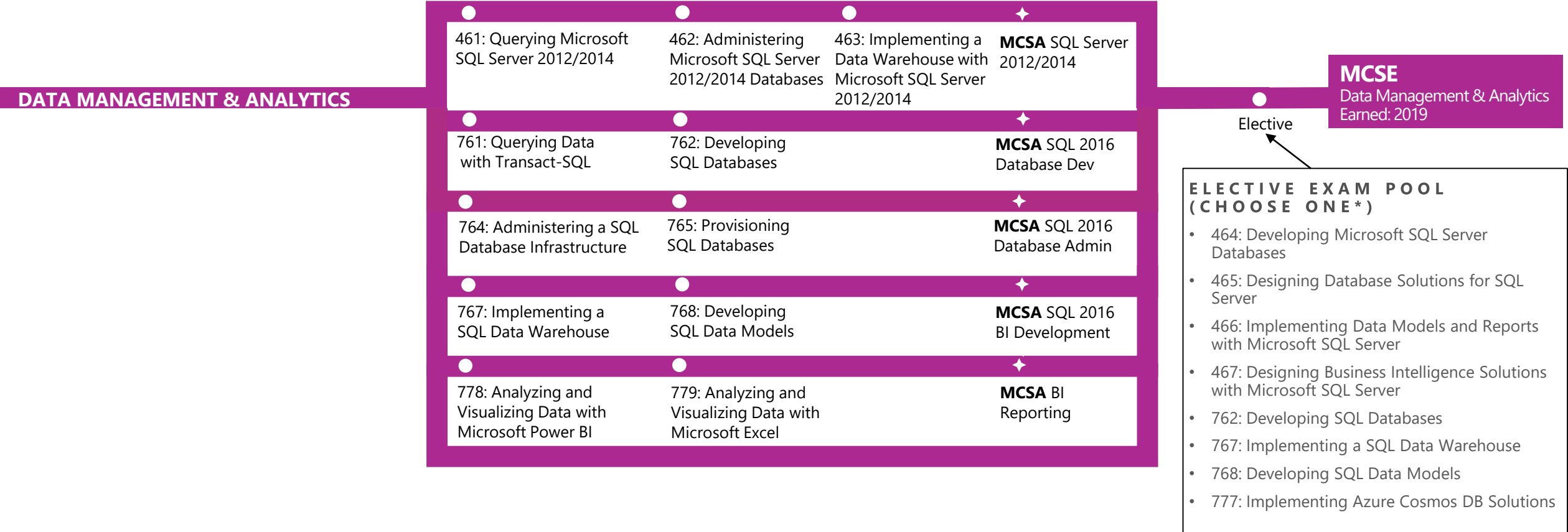
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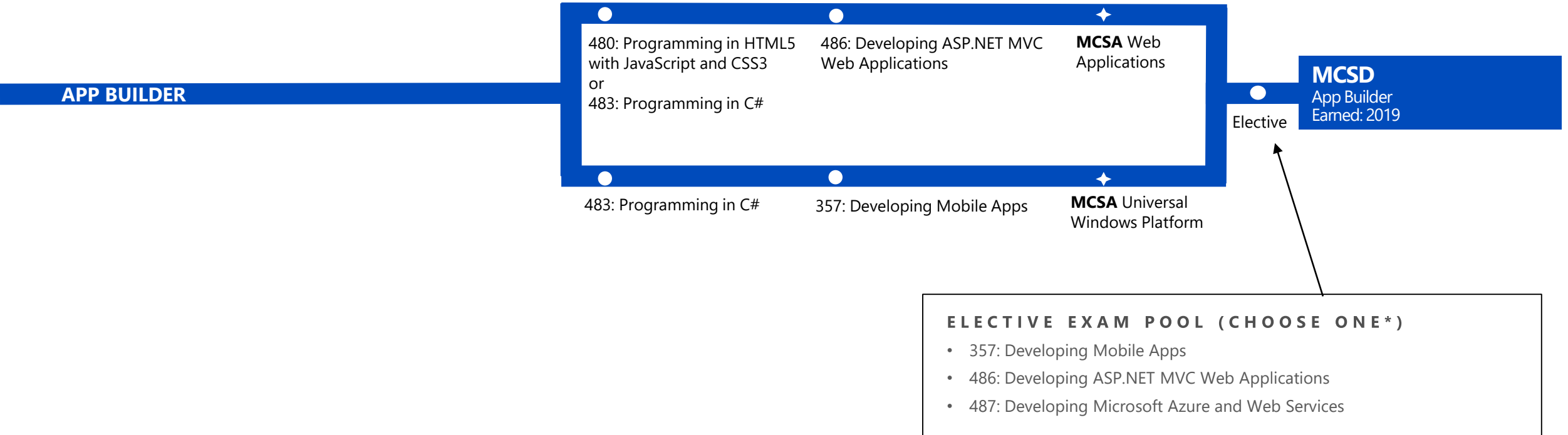
DATA MANAGEMENT & ANALYTICS PATH

DATA MANAGEMENT & ANALYTICS

461: Querying Microsoft SQL Server 2012/2014	462: Administering Microsoft SQL Server 2012/2014 Databases	463: Implementing a Data Warehouse with Microsoft SQL Server 2012/2014	**MCSA** SQL Server 2012/2014
761: Querying Data with Transact-SQL	762: Developing SQL Databases		**MCSA** SQL 2016 Database Dev
764: Administering a SQL Database Infrastructure	765: Provisioning SQL Databases		**MCSA** SQL 2016 Database Admin
767: Implementing a SQL Data Warehouse	768: Developing SQL Data Models		**MCSA** SQL 2016 BI Development
778: Analyzing and Visualizing Data with Microsoft Power BI	779: Analyzing and Visualizing Data with Microsoft Excel		**MCSA** BI Reporting

MCSE
Data Management & Analytics
Earned: 2019

Elective

ELECTIVE EXAM POOL (CHOOSE ONE*)

- 464: Developing Microsoft SQL Server Databases
- 465: Designing Database Solutions for SQL Server
- 466: Implementing Data Models and Reports with Microsoft SQL Server
- 467: Designing Business Intelligence Solutions with Microsoft SQL Server
- 762: Developing SQL Databases
- 767: Implementing a SQL Data Warehouse
- 768: Developing SQL Data Models
- 777: Implementing Azure Cosmos DB Solutions

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APP BUILDER PATH

APP BUILDER

480: Programming in HTML5 with JavaScript and CSS3
or
483: Programming in C#

486: Developing ASP.NET MVC Web Applications

MCSA Web Applications

483: Programming in C#

357: Developing Mobile Apps

MCSA Universal Windows Platform

MCSD
App Builder
Earned: 2019

Elective

ELECTIVE EXAM POOL (CHOOSE ONE*)

- 357: Developing Mobile Apps
- 486: Developing ASP.NET MVC Web Applications
- 487: Developing Microsoft Azure and Web Services

**Complete the exams on a path in any order to receive the appropriate certification. Choose one elective to complete your MCSD, then choose a different elective next year to stay relevant and prove your expanded skills.*

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BUSINESS APPLICATIONS PATH

BUSINESS APPLICATIONS

764: Administering a SQL Database Infrastructure
or
765: Provisioning SQL Databases

MB6-894: Development, Extensions, and Deployment for Microsoft Dynamics 365 for Finance and Operations

MCSA Dynamics 365 for Operations

Elective

MCSE
Business Applications
Earned: 2019

ELECTIVE EXAM POOL (CHOOSE ONE*)

- MB6-897: Microsoft Dynamics 365 for Retail
- MB6-898: Microsoft Dynamics 365 for Talent
- MB2-716: Microsoft Dynamics 365 Customization and Configuration

Complete the exams on a path in any order to receive the appropriate certification. Choose one elective to complete your MCSE, then choose a different elective next year to stay relevant and prove your expanded skills.

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