

# Data Analyst

## Academic Planning Guide

### Data Analyst Associate of Applied Science

Data Analyst compile and analyze data contained in a computer database or elsewhere to identify problems and possible solutions. They might also design and build databases to house the information they need, ensure data accuracy and make recommendations to business managers about how to improve efficiency or quality based on their findings. Students considering this award should have analytical and statistical skills, knowledge of database types and use, plus familiarity with data warehousing

and data manipulation. A Data Analyst must be proficient in data manipulation with excellent attention to detail and the ability to identify inconsistencies in data, an aptitude for learning technology quickly, the ability to take initiative and manage multiple priorities simultaneously. Job Functions could include: data entry and importing, data collection, data validation and scrubbing, data mining, reporting and documentation.

#### First Semester

|          |                                               |                         |
|----------|-----------------------------------------------|-------------------------|
| ITEC1000 | Information Systems                           | 3                       |
| ITEC1302 | HTML/CSS & JavaScript                         | 4                       |
| ITEC1505 | Fundamentals of Programming with Python       | 4                       |
| ITEC1600 | Contemporary Topics in Information Technology | 1                       |
| COMM1260 | Small Group Communications                    | 3                       |
|          |                                               | <b>Total Credits 15</b> |

#### Second Semester

|           |                                     |                         |
|-----------|-------------------------------------|-------------------------|
| ITEC 1080 | Microsoft Productivity Apps 1       | 3                       |
| ITEC 2055 | Project Management                  | 3                       |
| ITEC 2580 | Advanced Programming with Python    | 4                       |
| ENGL1070  | Technical Writing                   | 3                       |
|           | Choose from MnTC Goal Area 3,4 or 5 | 3                       |
|           |                                     | <b>Total Credits 16</b> |

#### Third Semester

|           |                               |                         |
|-----------|-------------------------------|-------------------------|
| ITEC 1090 | Microsoft Productivity Apps 2 | 3                       |
| ITEC 2701 | SQL/NoSQL Database Design     | 4                       |
| ITEC 2900 | Machine Learning with Python  | 4                       |
|           | Gen Ed Elective               | 3                       |
|           |                               | <b>Total Credits 14</b> |

#### Fourth Semester

|           |                                     |                         |
|-----------|-------------------------------------|-------------------------|
| ITEC 2781 | SQL Server - TransactSQL            | 4                       |
| ITEC 2786 | SQL Server – System Administration  | 4                       |
| ITEC 2910 | Artificial Intelligence with Python | 4                       |
|           | Gen Ed Elective                     | 3                       |
|           |                                     | <b>Total Credits 15</b> |

**Total Credits 60**

*Please note: Completion of this award may require taking courses at both campuses. Also, semester listings reflect the recommended sequence. Due to circumstances beyond our control, the information herein is subject to change without notice.*

# Plan Your Path to Stay on Track

Success doesn't happen by accident—it starts with a plan! Whether you're working toward a diploma, certificate, or degree, understanding which courses to take and when to take them can save you time, money, and stress.

By staying organized and proactive, you'll move forward with confidence, avoid last-minute surprises, and stay on track for graduation. One of the best tools to help you map out your path is your Degree Audit Report (DARS).

## Your Personal Academic Checklist

DARS takes the guesswork out of course planning. It gives you a clear snapshot of your progress and shows which classes are still required for your program.

## Why Check DARS?

Planning your class schedule is much easier when you know what is left to take! Checking your DARS report can help you:

- ✓ Avoid registering for the wrong courses
- ✓ Make steady progress toward your degree or diploma
- ✓ Stay on track for graduation and avoid surprises

## How to Access Your DARS Audit

Checking your DARS only takes a few clicks!

- 1 Log into eServices with your StarID and password
- 2 Go to the Academic Records section
- 3 Click on Degree Audit Report (DARS)
- 4 Review your audit to see what is complete and what is still required



| Student e-services     | Academic Records                       |
|------------------------|----------------------------------------|
| Dashboard              |                                        |
| Home                   | <a href="#">Degree Audit</a>           |
| Account Management     | <a href="#">Unofficial Transcripts</a> |
| Courses & Registration | <a href="#">Check Grades</a>           |
| Academic Records       |                                        |

## Plan Ahead for Success

It is smart to review your DARS every semester—especially before registration opens. If you are not sure which classes to take next, your DARS is a great place to start. You can also bring it to your academic advising appointment to build a plan that fits your goals and schedule.

## Your degree. Your plan. Your future.

DARS helps you take the right steps, at the right time. Check your DARS often so you can register with confidence and graduate on time!

Visit

[HennepinTech.edu/Advising](http://HennepinTech.edu/Advising)

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