

AAS IST: Database and Program Developer (299-10)

The following provides information regarding courses required to complete this major at Virginia Western for planning purposes

| Completed | Course | Course Title | Credit | Requisite | Term Offered |
|-----------|---------|---|--------|---------------------------------|--------------|
| | SDV 101 | Orientation to Information Technology | 2 | | F, Sp |
| | MTE 1 | Operations with Positive Fractions | ** | Math Placement | F, Sp, Su |
| | MTE 2 | Operations with Positive Decimals and Percents | ** | MTE 1 | F, Sp, Su |
| | MTE 3 | Algebra Basics | ** | MTE 2 | F, Sp, Su |
| | ENG 111 | College Composition I | 3 | English Placement | F, Sp, Su |
| | ITD 110 | Web Page Design I | 3 | | F, Sp, Su |
| | ITP 100 | Software Design | 3 | | F, Sp, Su |
| | TEL 150 | Internetworking I | 4 | | F, Sp, Su |
| | SOC SCI | ECO 201, GEO 210, HIS 111, HIS 112, PLS 211, PSY 200 or SOC 200 | 3 | | F, Sp, Su |
| | ITP 120 | Java Programming I | 4 | ITP 100 | Sp |
| | CSC 201 | Computer Science I | | Co: MTH 263 | F |
| | ITD 130 | Database Fundamentals | 3 | | F, Sp, Su |
| | MTH 130 | Fundamentals of Reasoning | 3 | MTE 1-3 | F, Sp, Su |
| | CST 100 | Principles of Public Speaking | 3 | | F, Sp, Su |
| | ITN 170 | Linux System Administration | 3 | | F, Sp, Su |
| | ITP 220 | Java Programming II | 4 | Pre: ITP 120 Pre/Co: ITD 130 | F |
| | ITD 250 | Database Architecture and Administration | 3 | ITD 130 | F |
| | ITP 140 | Client Side Scripting | 3 | ITD 110 ITP 100 | F |
| | ITN 260 | Network Security Basics | 3 | TEL 150 | F, Su |
| | ITP 170 | Project Management | 3 | | F |
| | ITP 246 | Java-Server Side Programming | 4 | ITP 220 | Sp |
| | ITP 225 | Web Scripting Languages | 3 | ITP 140 | Sp |
| | ITN 257 | Cloud Computing: Infrastructure and Services | 3 | TEL 150 ITN 170 | Sp |
| | ITP 258 | Systems Development Project | 3 | TEL 150 ITP 100 ITN 170 | Sp |
| | Hum/FA | ART 101, ART 102, CST 130, MUS 121, MUS 122, PHI 101 or REL 230 | 3 | | |

**MTE classes are developmental courses. Students may place out of these classes based on various measures, including high school GPA, standardized test scores, or placement testing.

Total program credits: 66