Yongshan Tan

CSC394 Software Project

Professor Thomas Muscarello

**WhenIf Web Application Testing**

**Functional Test:**

**Student:**

**(checked)** Student Login/Logout [top navigation bar on the right – click on login]

**(checked)** Student Registration/Edit profile, demographics

* Student Registration [top navigation bar on the right – click on apply]
* Edit profile [top navigation bar on the right – click on profile]

OptIn to responsibilities/agreements

**(checked)** Login password and authentication [top navigation bar on the right – click on login to login, and click on Lost Password to get the reset your password]

**(checked)** Restricted view based on privileges (only your record)

**(checked)** Browse courses [top navigation bar on the left, course section – link to DePaul course searching website.

**(checked)** Browse degree requirements [top navigation bar on the left, Degree Requirements section – link to DePaul degree requirements website.

Create/edit/delete searches for course or degree requirements

* **(checked)** create [top navigation bar on the left, search section]
* edit
* delete

After click on search, on the top navigation bar:

**(checked)** Select/change starting quarter

**(checked)** Select/change degree selection

**(checked)** Select/change number of courses taken per quarter (1,2,3)

**Faculty Member:**

**(checked)** Choose all students - view, and edit student’s record [top navigation bar on the left, students section]

**(checked)** Can then see whatever a student sees

**(checked)** Can do whatever a student does

**Administrator:** [Password: WireFrameMike1\*]

Superuser

**(checked)** Login/manage/maintain site

**(checked)** Simulate student or faculty

**(checked)** Access databases

**(checked)** Create data reports

csv files for export

visualization of data (charts, graphs, etc.)

**Test Cases:**

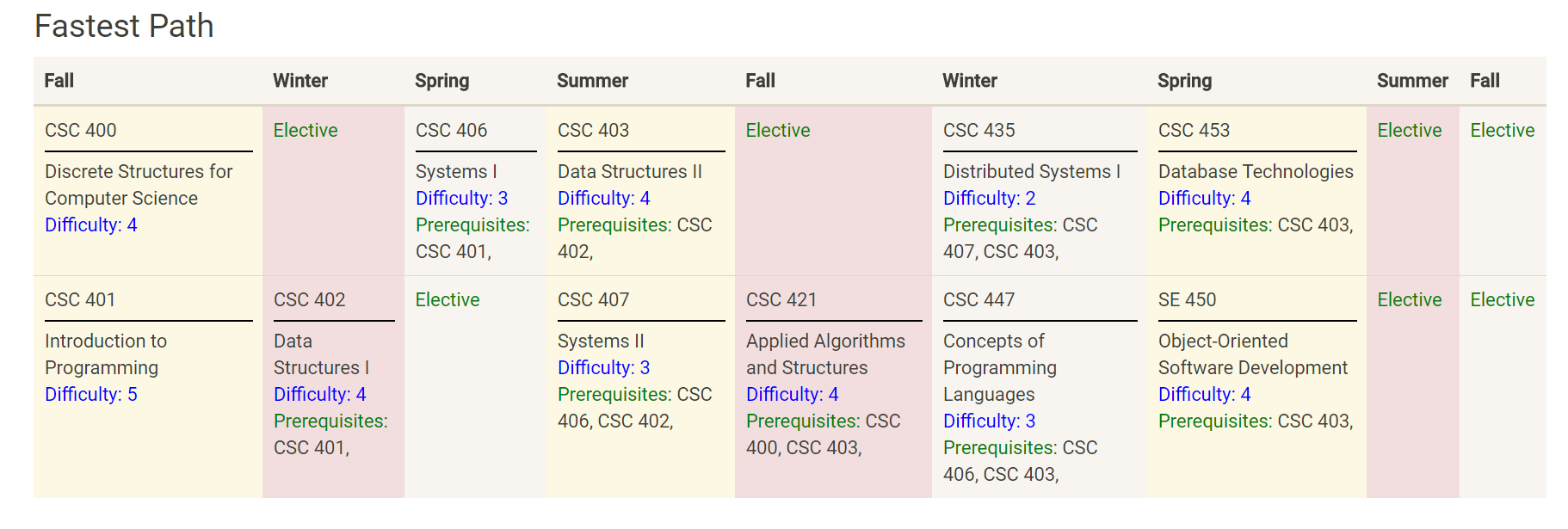
**New students’ common basic information:**

* 2 courses per quarter
* Either online or in class
* Course taken: None
* Starting Quarter: Fall

**New students and Require Introductory courses:**

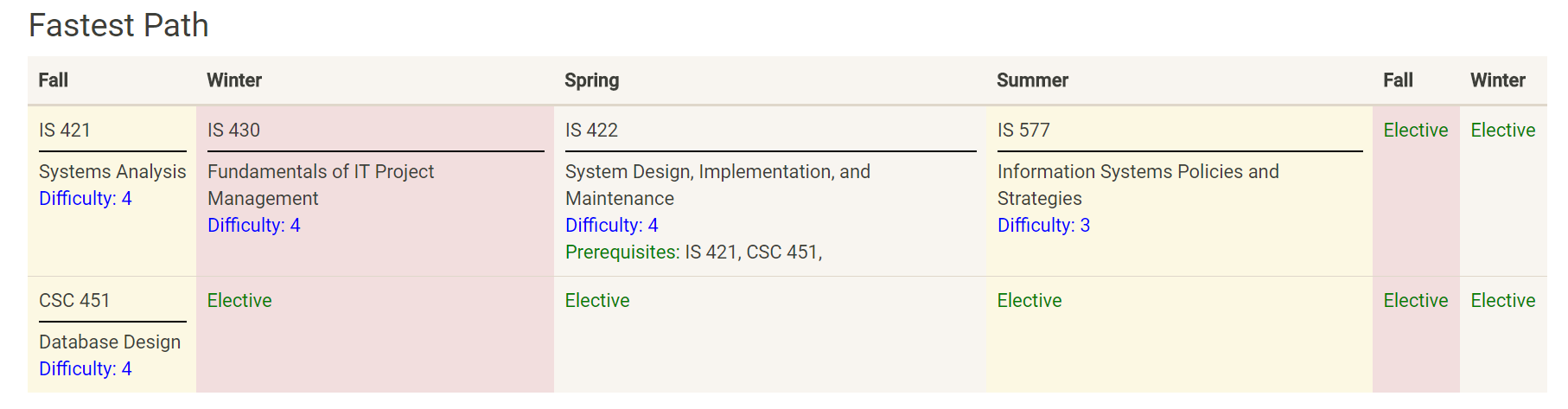
N\_Student1:

* Master in Computer Science – Standard Concentration
* Require Introductory courses: Yes



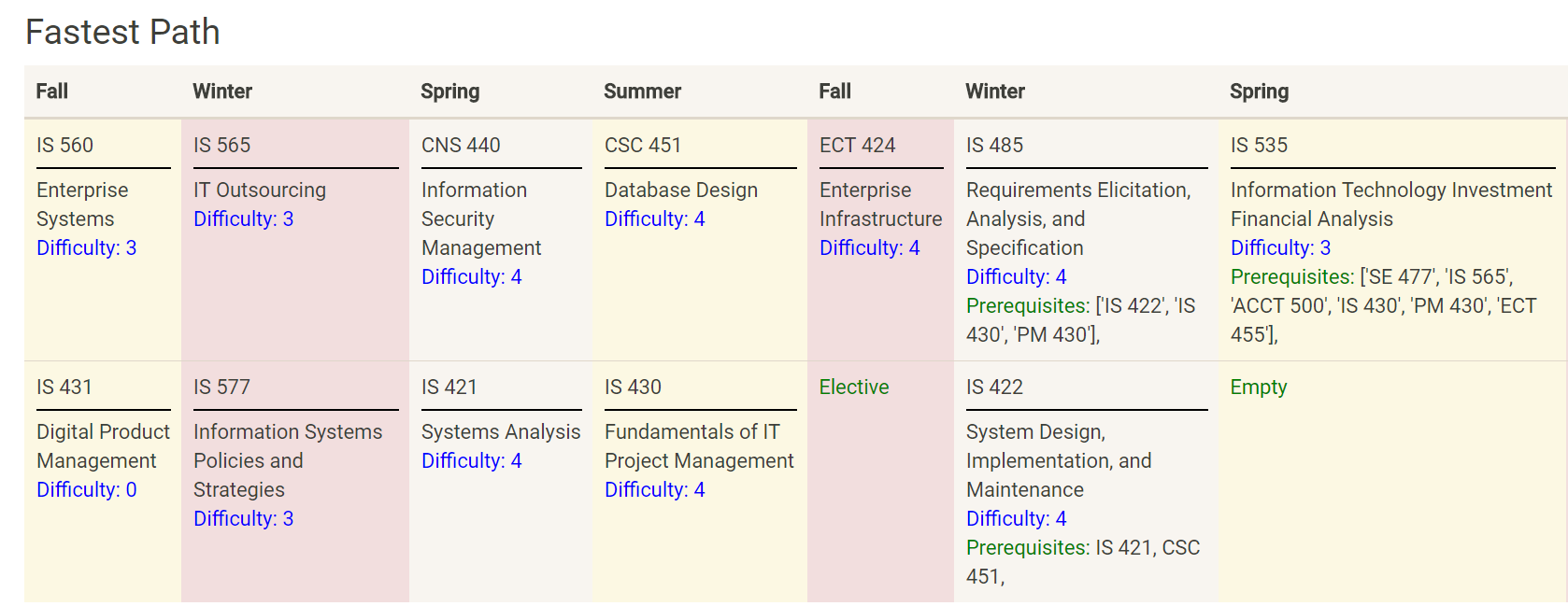
N\_Student2:

* Master in Information Security – Standard Concentration
* Require Introductory courses: Yes



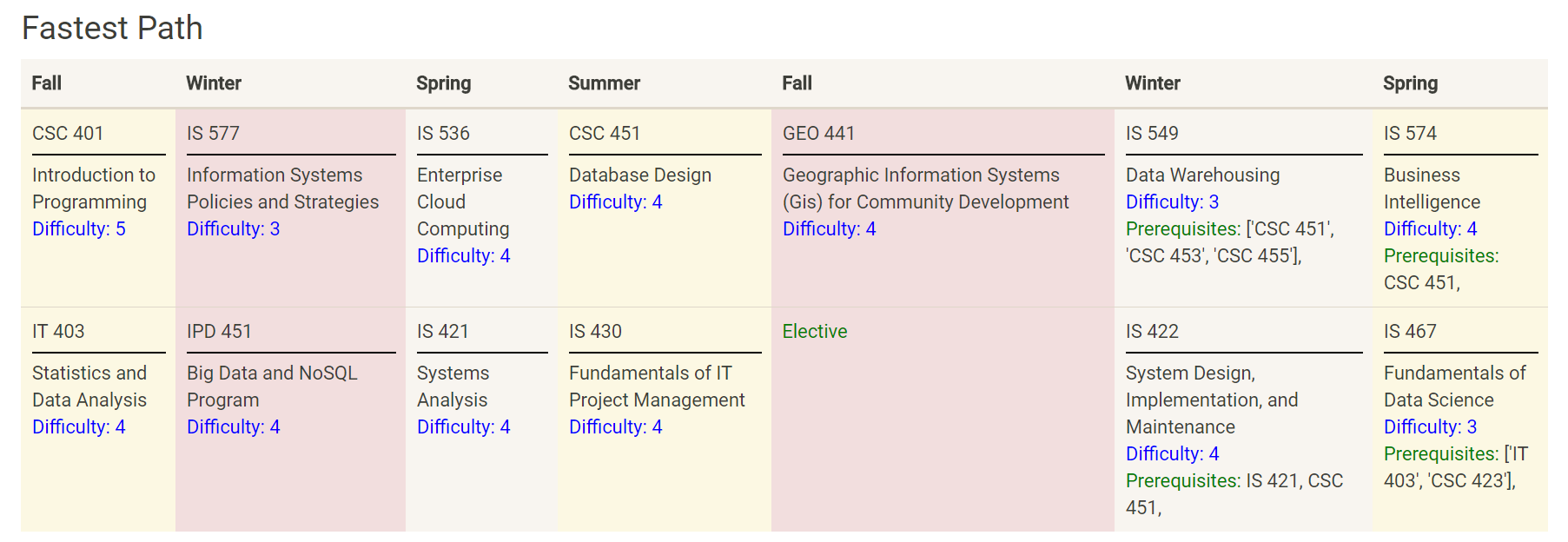
N\_Student3:

* Master in Information Security – Business Analysis/ Systems Analysis Concentration
* Require Introductory courses: Yes



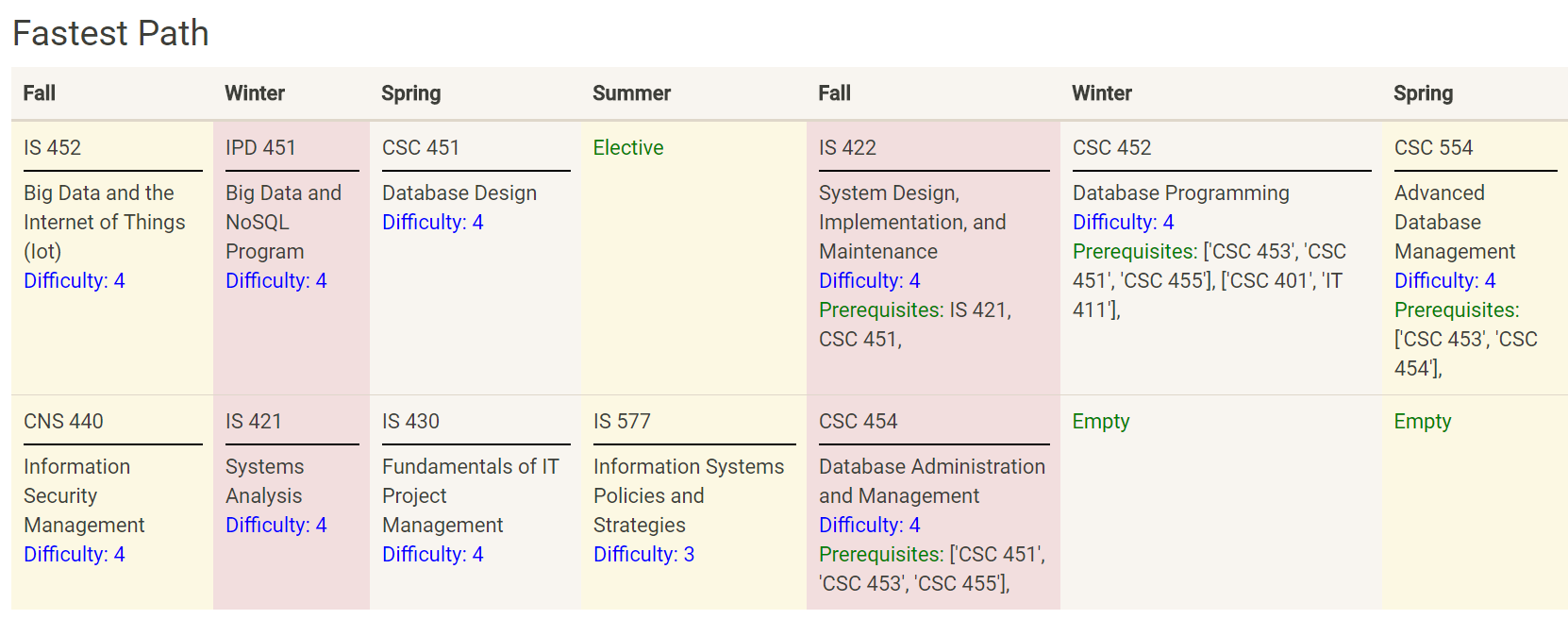
N\_Student4:

* Master in Information Security – Business Intelligence Concentration
* Require Introductory courses: Yes



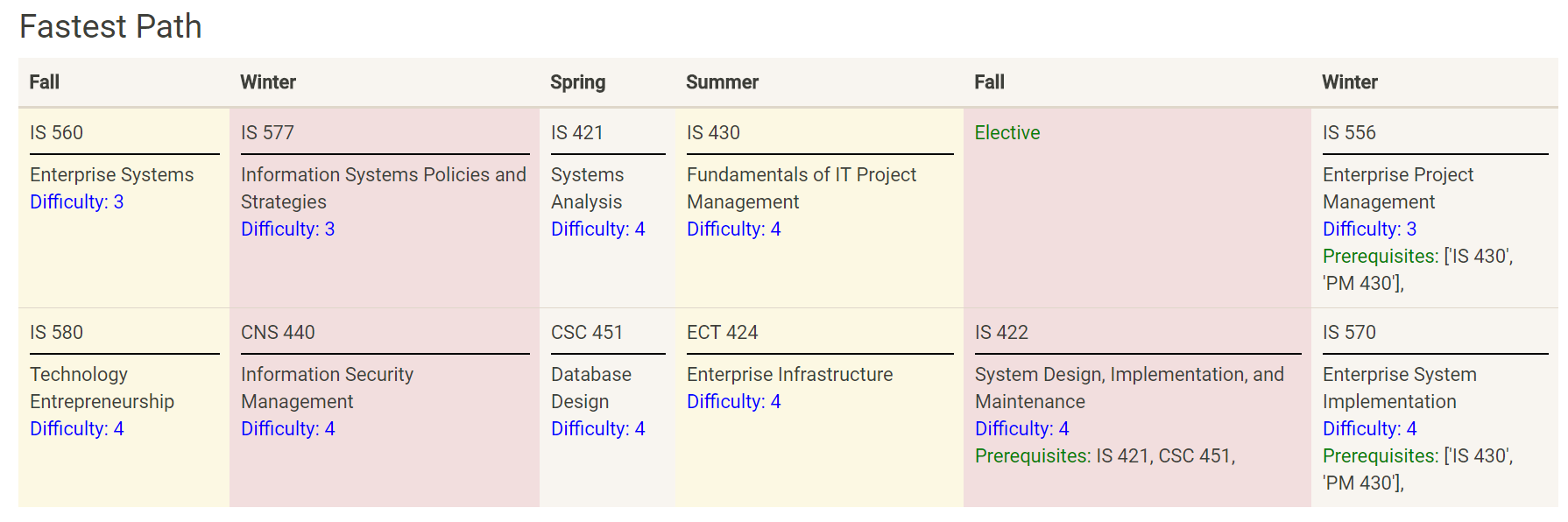
N\_Student5:

* Master in Information Security – Database Administration Concentration
* Require Introductory courses: Yes



N\_Student6:

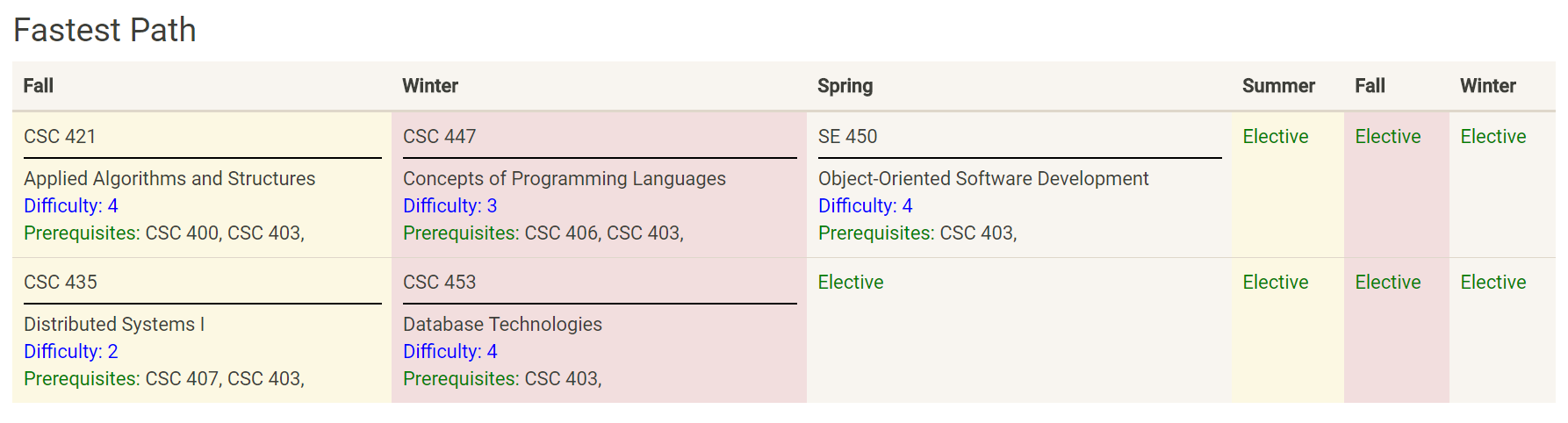
* Master in Information Security – IT Enterprise Management Concentration
* Require Introductory courses: Yes



**New students and Not Require Introductory courses:**

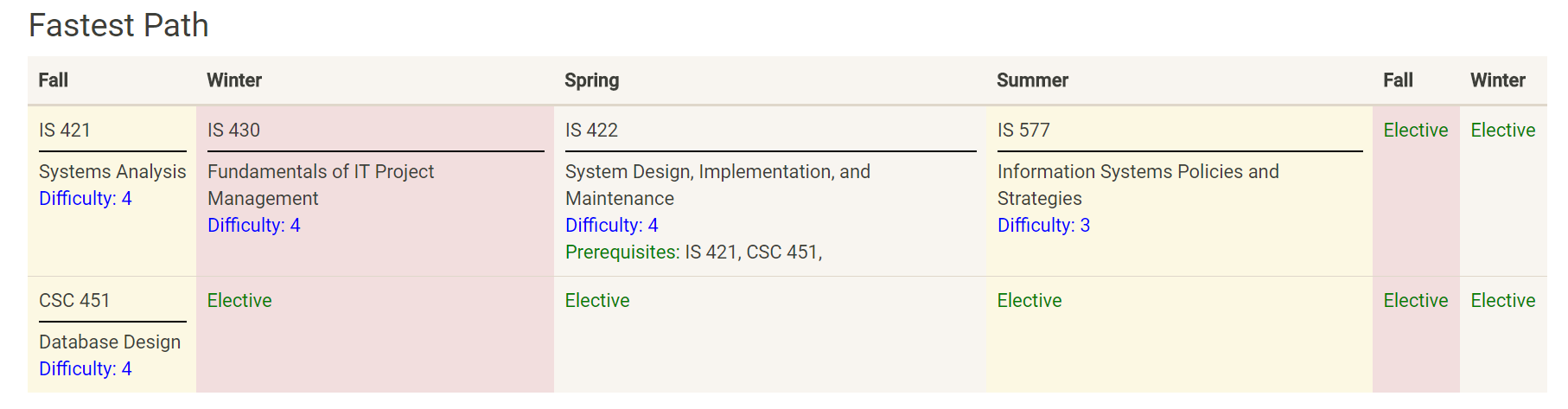
N\_Student7:

* Master in Computer Science – Standard Concentration
* Require Introductory courses: No



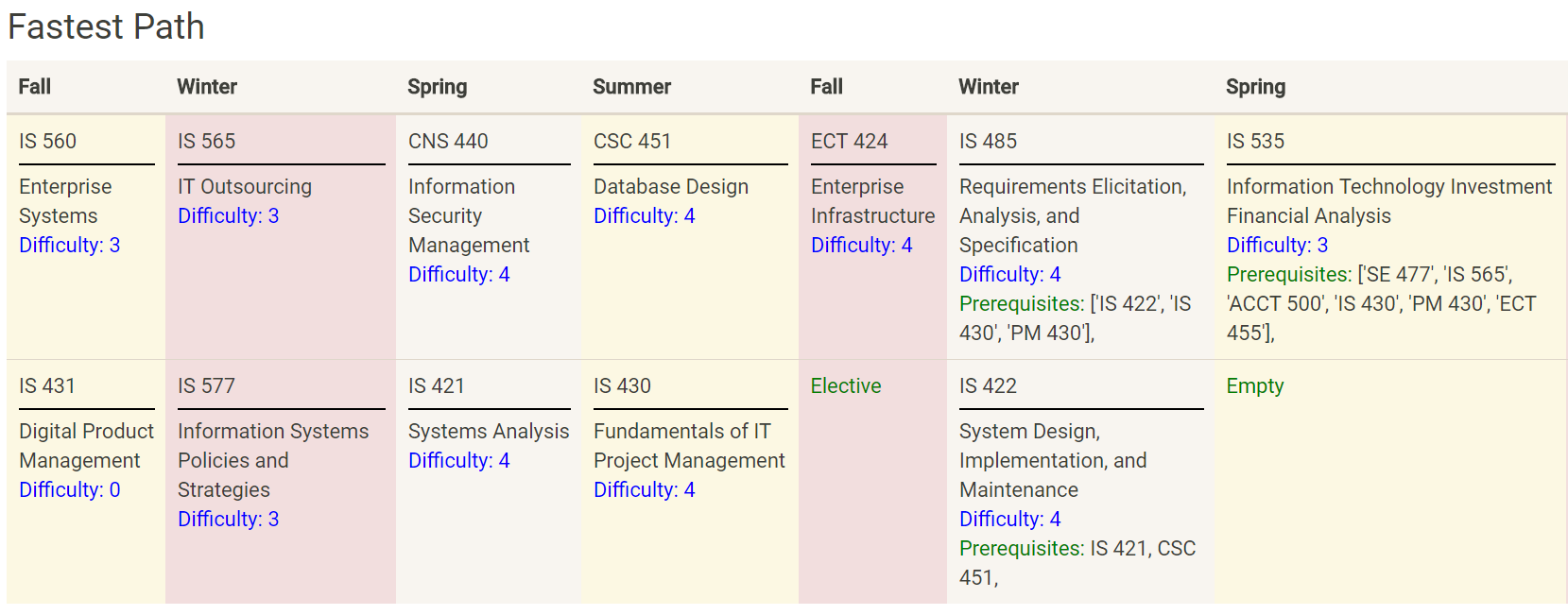
N\_Student8:

* Master in Information Security – Standard Concentration
* Require Introductory courses: No



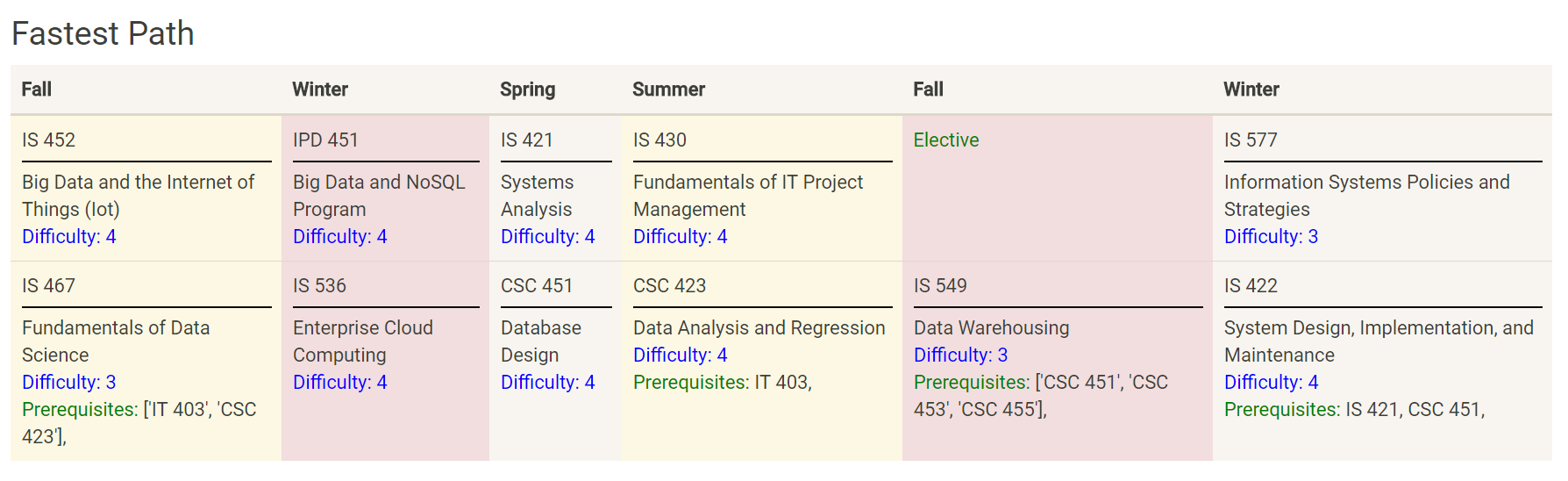
N\_Student9:

* Master in Information Security – Business Analysis/ Systems Analysis Concentration
* Require Introductory courses: No



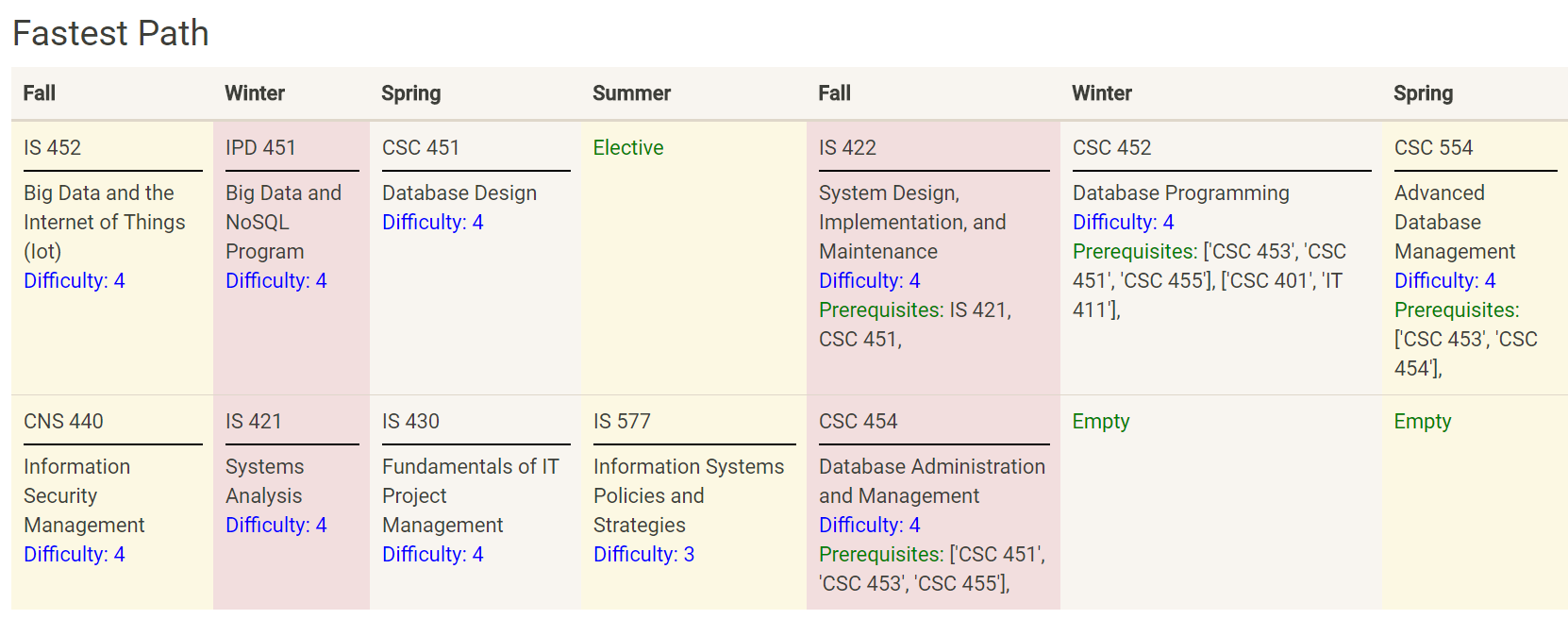
N\_Student10:

* Master in Information Security – Business Intelligence Concentration
* Require Introductory courses: No



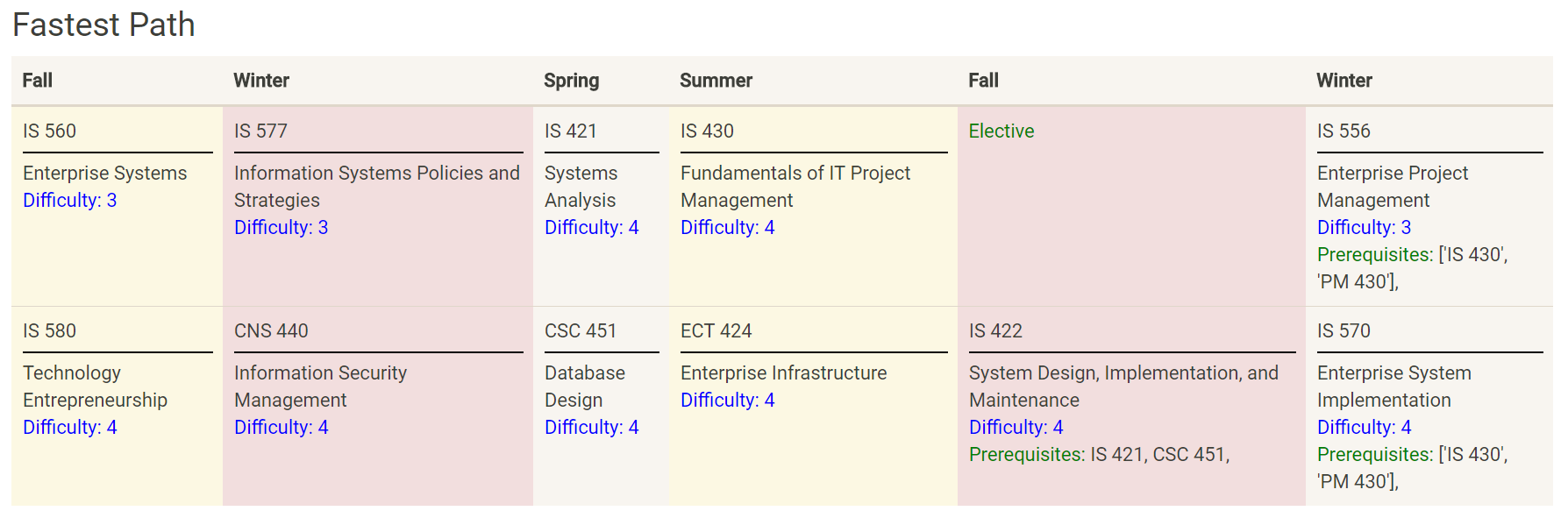
N\_Student11:

* Master in Information Security – Database Administration Concentration
* Require Introductory courses: No



N\_Student12:

* Master in Information Security – IT Enterprise Management Concentration
* Require Introductory courses: No



**Current students’ common basic information:**

* 2 courses per quarter
* Either online or in class
* Starting Quarter: Fall

**Current students and Not Require Introductory courses:**

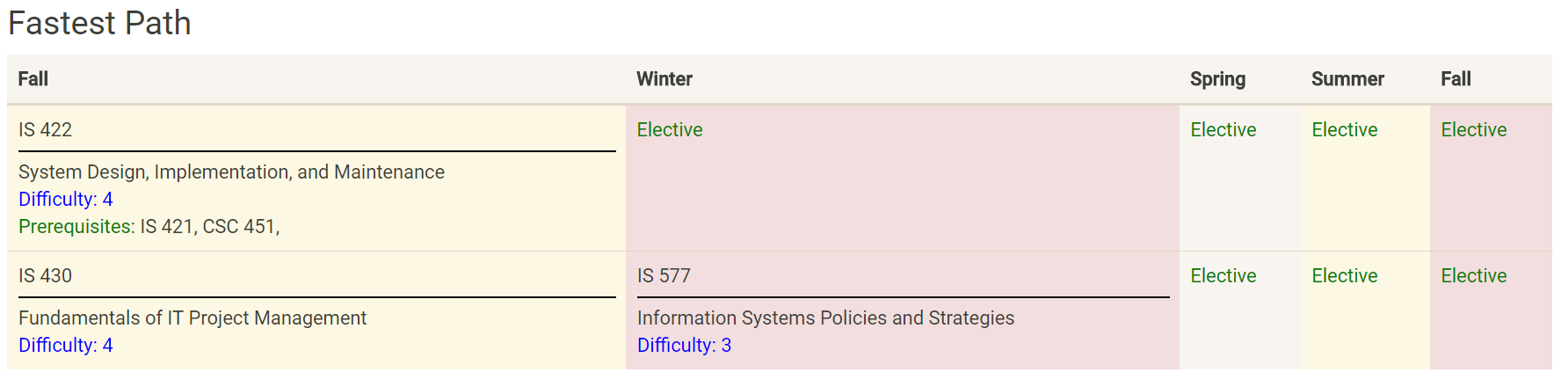
C\_Student7:

* Master in Computer Science – Standard Concentration
* Course taken: CSC 421, CSC 435
* Require Introductory courses: No



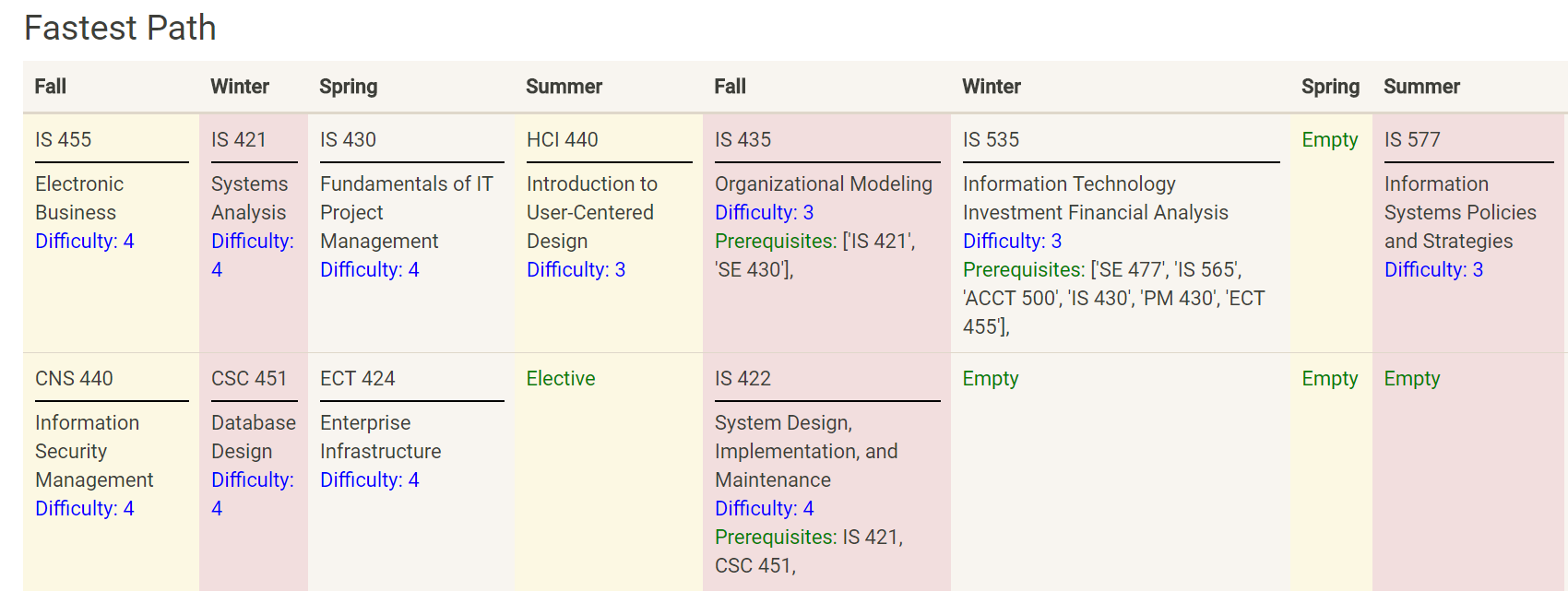
C\_Student8:

* Master in Information Security – Standard Concentration
* Course taken: IS 421, CSC 451
* Require Introductory courses: No



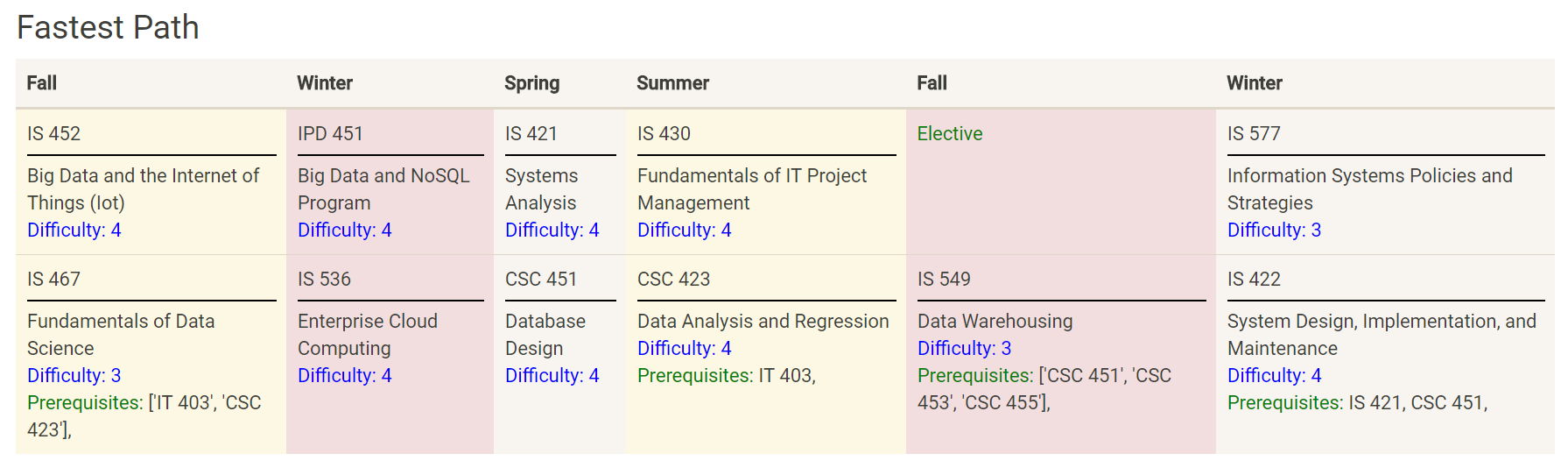
C\_Student9:

* Master in Information Security – Business Analysis/ Systems Analysis Concentration
* Course taken: IS 560, IS 431
* Require Introductory courses: No



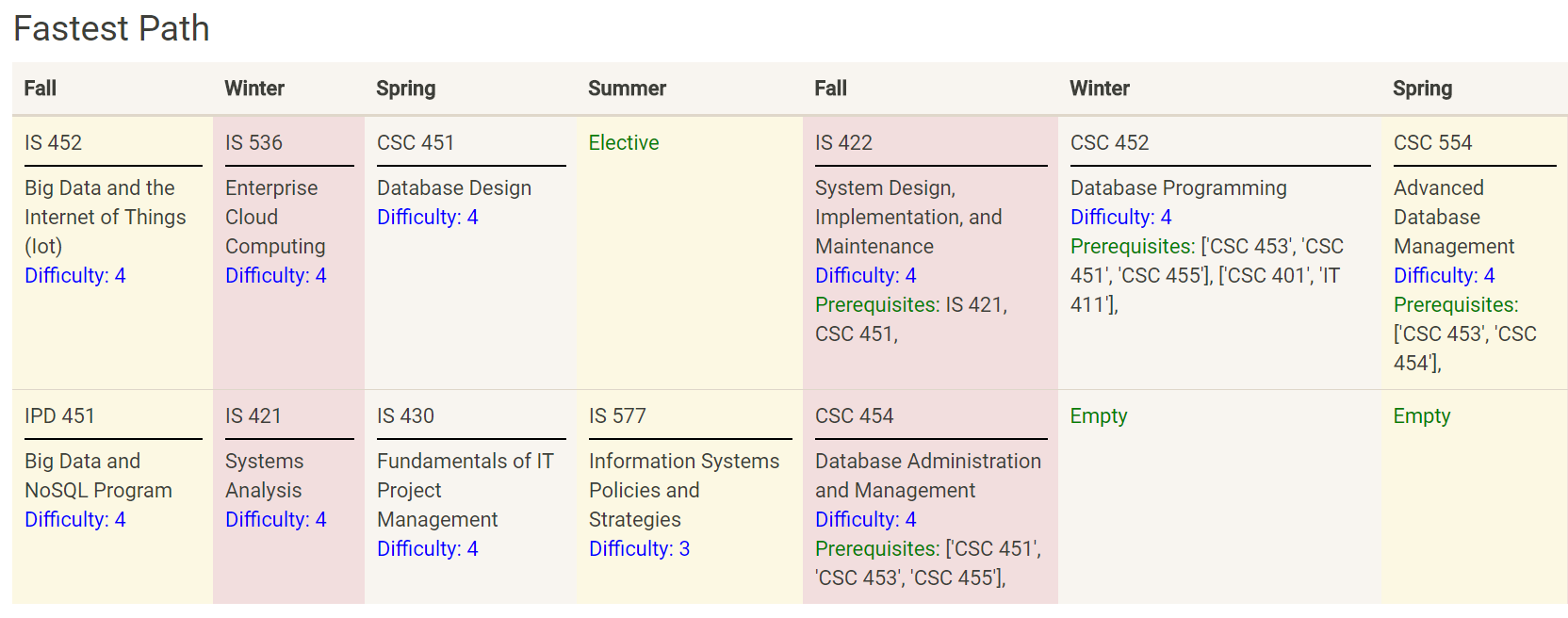
C\_Student10:

* Master in Information Security – Business Intelligence Concentration
* Course taken: CSC 401, IT 403
* Require Introductory courses: No



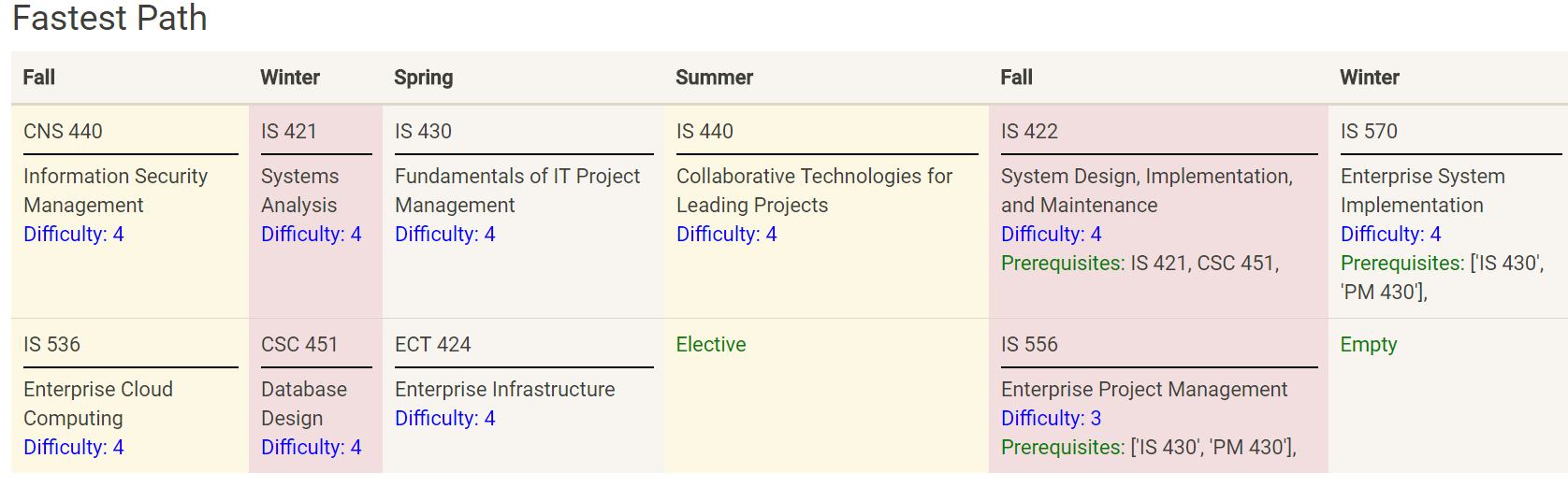
C\_Student11:

* Master in Information Security – Database Administration Concentration
* Course taken: IS 560, CNS 440
* Require Introductory courses: No



C\_Student12:

* Master in Information Security – IT Enterprise Management Concentration
* Course taken: IS 560, IS 580
* Require Introductory courses: No

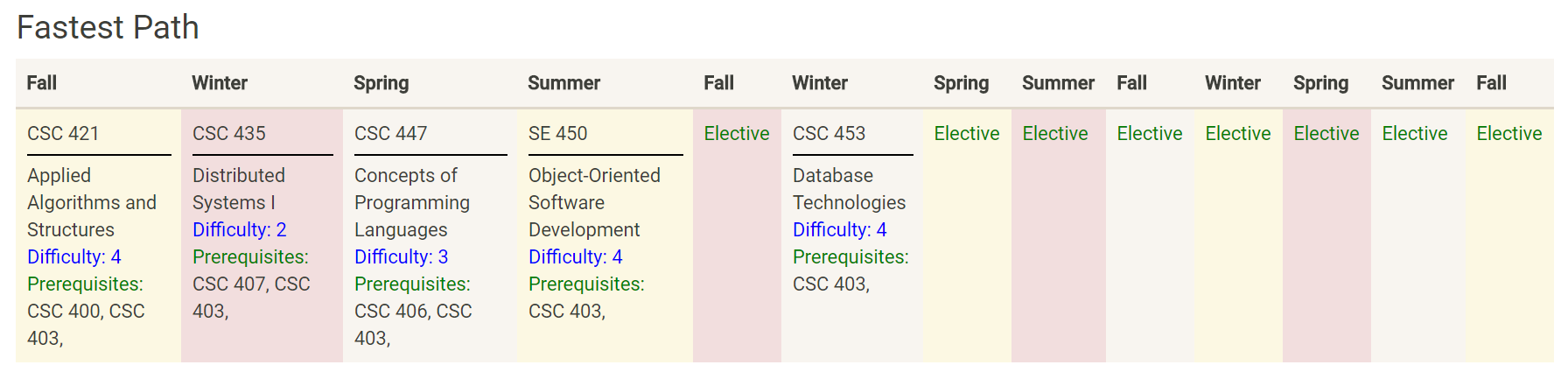


**Different Number of Courses Per Quarter for Masters in Computer Science New Students Who Not Require Introductory courses:**

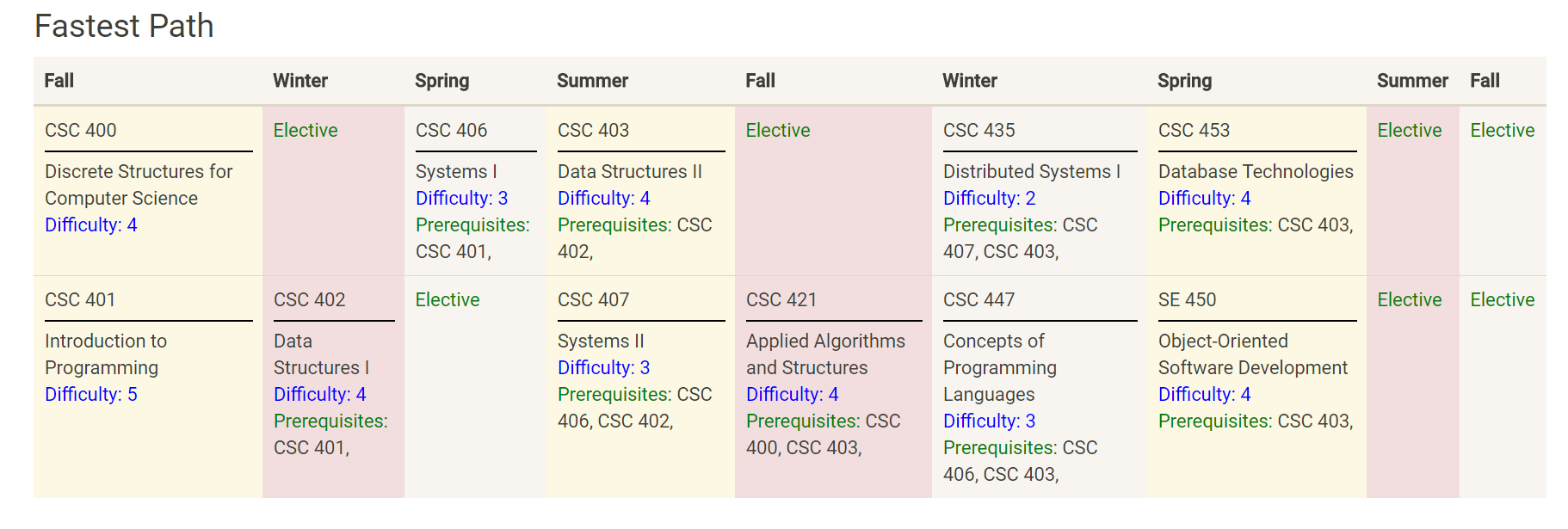
**Common basic information:**

* Master in Computer Science – Standard Concentration
* Either online or in class
* Course taken: None
* Starting Quarter: Fall
* Require Introductory courses: No

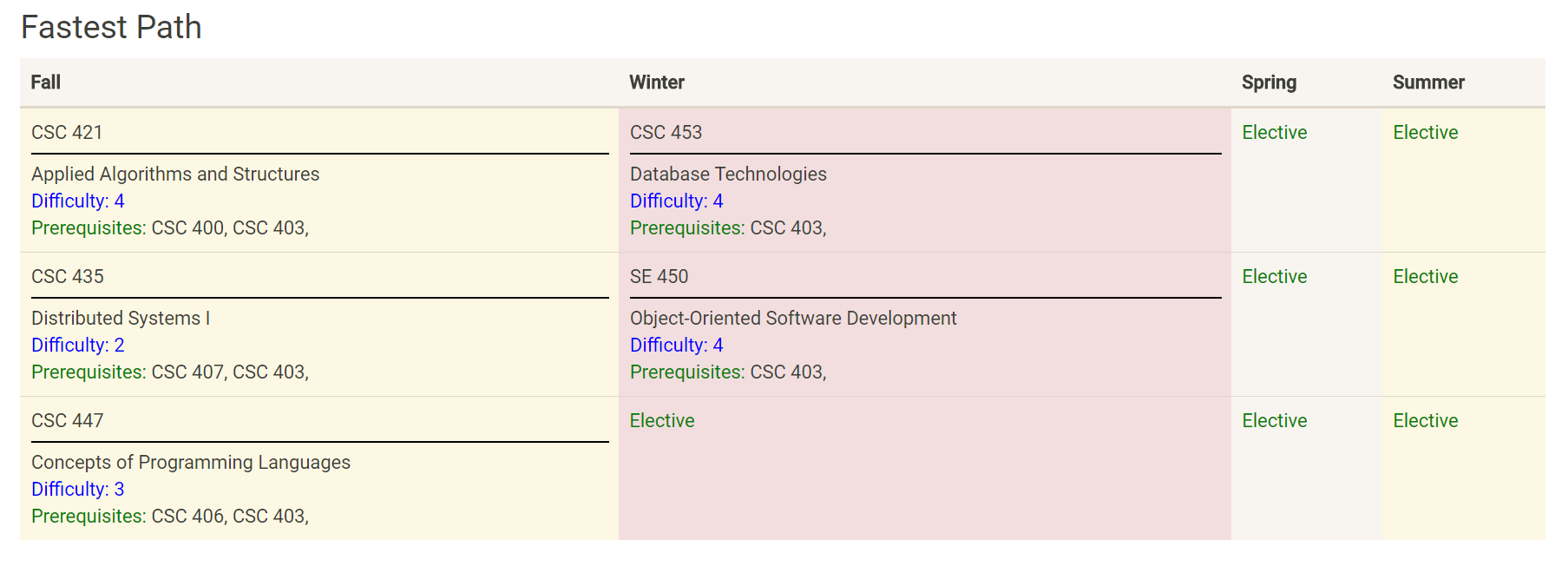
1\_student: 1 courses per quarter



2\_student: 2 courses per quarter



3\_student: 3 courses per quarter



4\_student: 4 courses per quarter

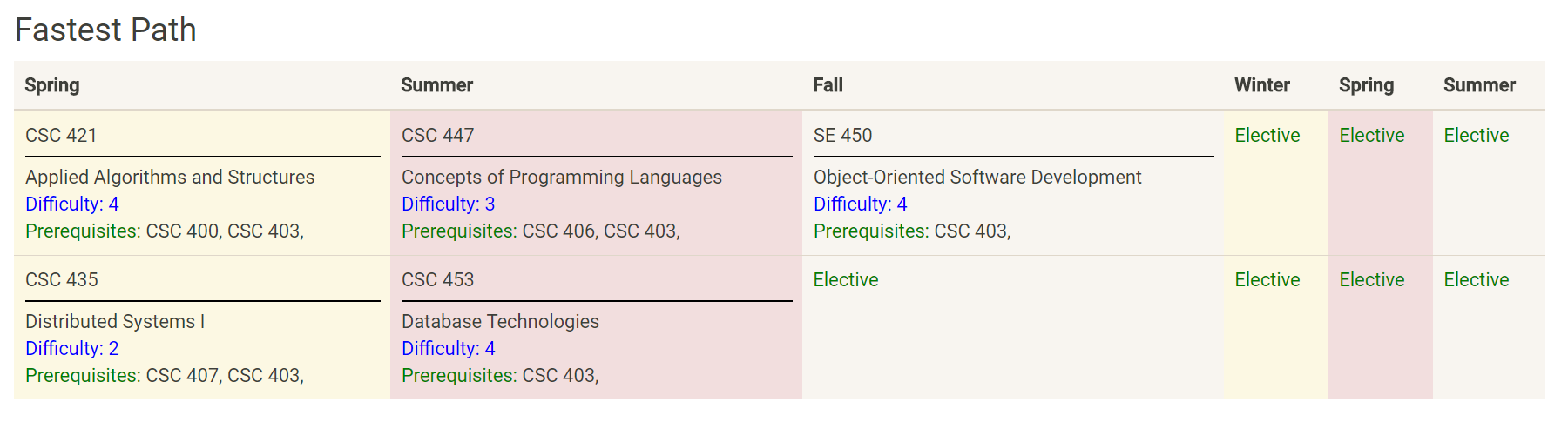


**Different Starting Quarter for Masters in Computer Science New Students who Not Require Introductory courses:**

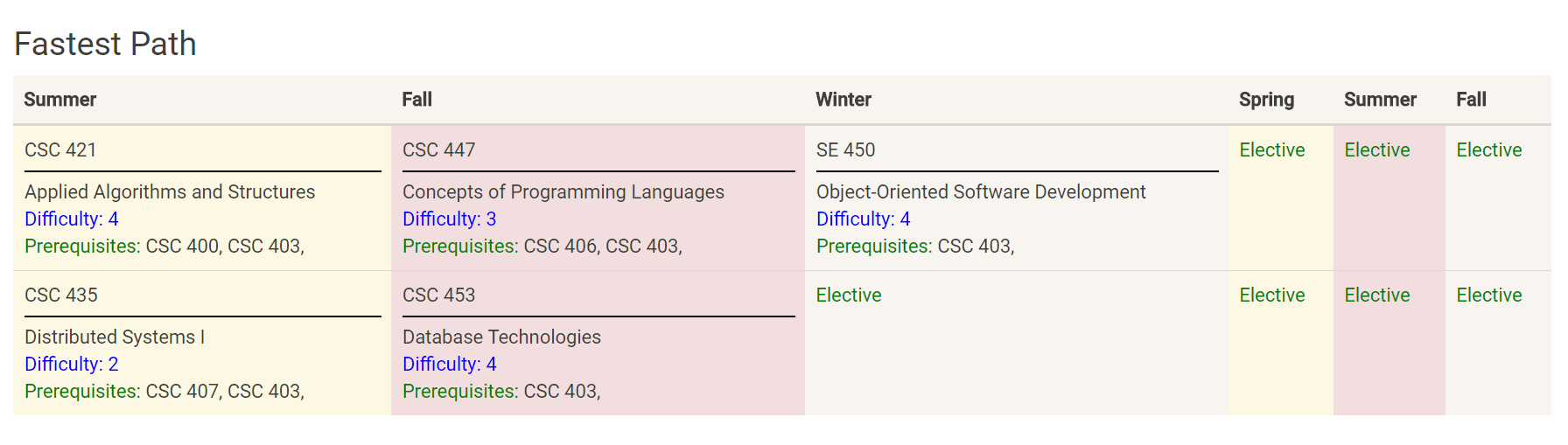
**Common basic information:**

* Master in Computer Science – Standard Concentration
* Either online or in class
* Course taken: None
* 2 courses per quarter
* Require Introductory courses: No

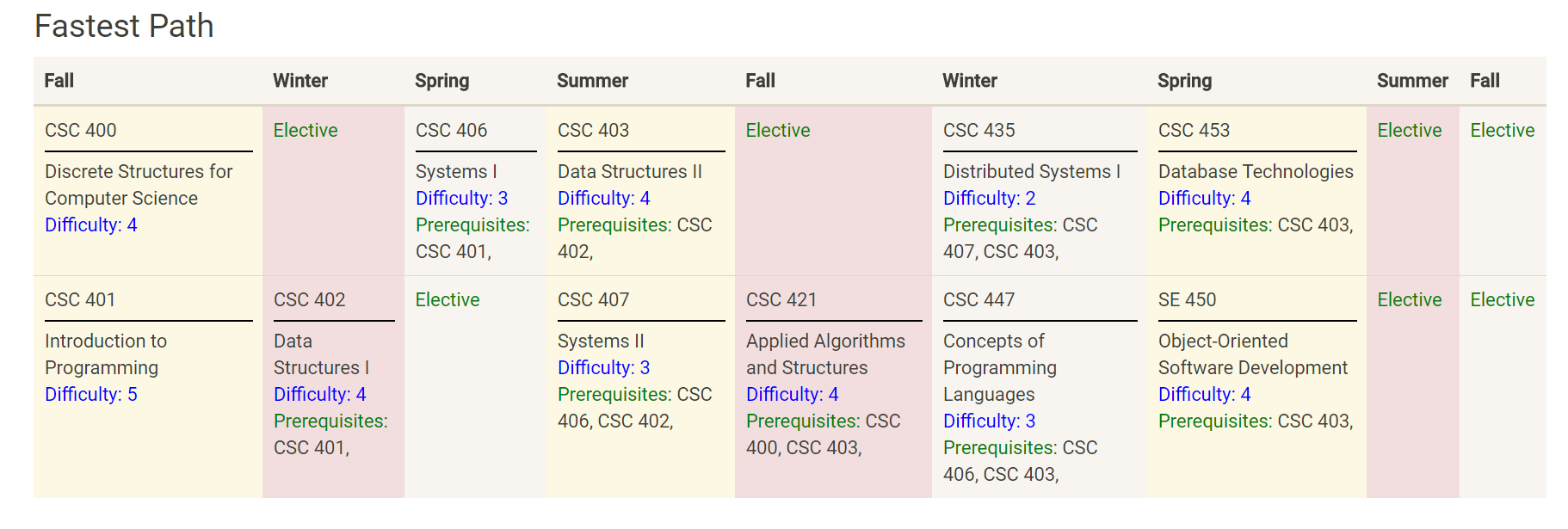
Spring\_student: Starting Quarter – Spring



Summer\_student: Starting Quarter – Summer



Fall\_student: Starting Quarter – Fall



Winter\_student: Starting Quarter – Winter

