

CIS Two-Year Course Offering Sequence - 2021

<p><i>Fall Odd Numbered Year</i></p> <p>CIS 121 Introduction to Programming CIS 122 Intro to Web Programming CIS 124 Intro to Computational Thinking CIS 155 Introduction to Computer Fundamentals CIS 221 Data Structures CIS 320 Intro to Software Engineering CIS 336 Programming Languages CIS 482 Senior Computing Project I CIS 492 Senior Computing Project II CIS 489 Research in CIS CIS 497 Practicum in CIS</p>	<p><i>Spring Even Numbered Year</i></p> <p>CIS 121 Introduction to Programming CIS 122 Intro to Web Programming CIS 156 CIS Application Concepts CIS 172 Object Oriented Programming CIS 330 Software Testing CIS 342 Computer Network Fundamentals CIS 382 Database Programming Development CIS 482 Senior Computing Project I CIS 492 Senior Computing Project II CIS 489 Research in CIS CIS 497 Practicum in CIS</p>
<p><i>Fall Even Numbered Year</i></p> <p>CIS 121 Introduction to Programming CIS 122 Intro to Web Programming CIS 155 Introduction to Computer Fundamentals CIS 221 Data Structures CIS 325 Analysis of Algorithms CIS 344 Computer Network Security CIS 351 Internet Programming CIS 482 Senior Computing Project I CIS 492 Senior Computing Project II CIS 489 Research in CIS CIS 497 Practicum in CIS</p>	<p><i>Spring Odd Numbered Year</i></p> <p>CIS 121 Introduction to Programming CIS 122 Intro to Web Programming CIS 156 CIS Application Concepts CIS 172 Object Oriented Programming CIS 363 Concurrent Programming CIS 425 Operating Systems CIS 440 Advanced Internet Concepts CIS 482 Senior Computing Project I CIS 492 Senior Computing Project II CIS 489 Research in CIS CIS 497 Practicum in CIS PHY 230 Electronics</p>

The following courses are offered as needed:

- CIS 361 Assembly Programming*
- CIS 362 Compiler Programming*
- CIS 373 Numerical Analysis*
- CIS 385 Theory of Computation*
- CIS 396 Advanced Topics*
- CIS 421 Advanced Software Engineering*
- CIS 435 Software Process and Quality Assurance*
- CIS 450 Ethics in Computer Society*
- CIS 452 Programming for E-Commerce*

The CIS Department will attempt to offer the courses per the schedule above. Occasionally changes will be necessary such as cancelling a course for lack of sufficient enrollment. In this case, students should consult with their academic advisor to choose a replacement course.