

THE LEWIS / COLLEGE OF DUPAGE 3+1 PROGRAM IN COMPUTER SCIENCE

AAS IN COMPUTER & INTERNETWORKING TECHNOLOGY (COD) + BS IN COMPUTER SCIENCE (LEWIS)

Thank you for your interest in a unique opportunity for you to earn a top-notch degree in Computer Science from one of the area's most renowned Computer Science programs ... all without leaving the cutting-edge and familiar facilities of the College of DuPage!

Lewis University has been preparing computer scientists for nearly forty years. Our graduates have gone on to found a variety of companies and to advance the IT systems of some of Illinois' most visible and impactful organizations. Graduates of Lewis' Computer Science program work in all sectors of the Computer Science field, including software development, mobile application development, video game and simulation development, data storage management, networking, computer security, and virtualization. Because our graduates work hold influential positions in organizations throughout the region, we have a network of alumni that help position our students for excellent career opportunities.

Thanks to this innovative program, you, as a College of DuPage student, can become one of those well-connected Lewis Computer Science alumni while taking all your classes in COD's state-of-the-art computing facilities and paying COD's tuition rate for most of your coursework.

The back of this page lists the courses you will take as a student in this program. The courses in the left column are the COD courses you'll take. They will be taught by COD faculty, and you'll pay COD tuition rates.

The courses in the right column are the Lewis courses you'll take. They will be taught by Lewis faculty in COD classrooms and labs. For these courses, you'll pay a rate that is equal to 60% of the Lewis per-credit-hour tuition rate. Currently, at the 60% level, that comes out to \$456 per credit hour. You will be eligible to take the Lewis courses in your Junior and Senior years, subject to the pre-requisites listed below.

- The prerequisite for Lewis 70-245 is COD CIS 2542
- The prerequisite for Lewis 70-330 is COD CIS 2541
- The prerequisite for Lewis 70-350 is COD CIS 1450
- The prerequisite for Lewis 70-425 is either COD CIT 2251 or COD CIT 1640
- The prerequisite for Lewis 70-460 is COD CIS 2541
- The prerequisite for Lewis 70-496 is COD CIT 1630
- The prerequisite for Lewis 13-200 is COD Math 1431
- The prerequisite for Lewis 13-201 is Lewis 13-200
- The prerequisite for Lewis 13-210 is credit or concurrent registration in COD CIS 2541

To learn more about this exciting opportunity, please contact Dr. Ray Klump, Chair of the Department of Mathematics and Computer Science at Lewis University, at klumpra@lewisu.edu or at 815-836-5528. To learn more about the Computer Science program at Lewis, please check out <http://cs.lewisu.edu>.

Thank you for your interest!



Ray Klump, Ph.D.

Lewis University

3 + 1 AGREEMENT BETWEEN COLLEGE OF DUPAGE AND LEWIS UNIVERSITY

AAS DEGREE IN COMPUTER AND INTERNETWORKING TECHNOLOGY (CIT)/BACHELOR OF SCIENCE DEGREE IN COMPUTER SCIENCE ACADEMIC PLAN

COLLEGE OF DUPAGE		LEWIS UNIVERSITY	
	Credits		Credits
ENGLI 1101 English Composition I	3	70-245 Object-Oriented Programming	3
ENGLI 1102 English Composition II	3	70-330 Database Systems	3
SPEEC 1100 Fundamentals of Speech Communication	3	70-350 Operating Systems	3
Physical and Life Sciences <i>(at least one course must be from the TRANSFER GUIDE and one course must have a lab component)</i>	7-10	70-425 Encryption	3
MATH 1431 Pre-calculus	3	70-460 Programming Languages	3
Humanities and Fine Arts <i>(at least one course must be from the TRANSFER GUIDE)</i>	9-10	70-496 Special Topics: Computer Science Project	3
Social and Behavioral Sciences <i>(at least one course must be from the TRANSFER GUIDE)</i>	9	13-200 Calculus I	4
CIT 1100 PC Maintenance and Repair	2	13-201 Calculus II	4
CIT 1111 Computer and Hardware Maintenance	3	13-210 Discrete Math	4
CIT 1112 Advanced System Maintenance	3	20-290 Cultural Diversity	3
CIT 1121 Networking Fundamentals	3	19-100 Search for Faith OR 19-106 Intro to Christian Theology	3
CIT 1123 LAN Switching and Wireless	3		
CIT 1124 Accessing the WAN	4		
CIT 1612 Configuring Windows	3		
CIT 1613 Enterprise Desktop PC Support	3		
CIT 1645 Internet Telephony OR CIT 2410 CCNA Voice	3		
CIT 2251 CCNA Security	3		
CIT Program Electives	1		
CIT 1122 Routing Protocols and Concepts	3		
CIT 1635 Network Plus	3		
CIT 1640 Security Plus	3		
CIS 2541 C++ Language Programming	4		
CIS 2542 Advanced C++ w/Data Structures	4		
CIS 1450 Intro to Linux/Unix Operating Systems	3		
CIS 2420 Assembly Language	4		
PHIL 1110 Ethics	3		
Maximum credit hours transferring from COD	95	Credit hours completed from Lewis University	36

Total credit hours required to complete the entire program: 95 + 36 = 131

Notes:

Courses are not listed in sequence. Please consult your academic advisor and the current course schedule to determine when courses should be taken.

The Associate of Applied Science degree must be completed and conferred in order to validate this agreement. Please refer to the student planning worksheet at <http://www.cod.edu/advising/studplan.htm> for COD's AAS degree requirements.

A student must earn a minimum of 131 credit hours to qualify for graduation with a Bachelors degree. At least 36 of the 131 credit hours for graduation must be completed at Lewis University. Students follow the degree requirements for the catalog year in which they enter Lewis University.

A minimum GPA of 2.5 is required to enter the program.