AAS: Computer Information Systems

Curriculum Chair: Prof. Denise Sullivan CLA-47 Tel # (914) 606-6988 Email: Denise.Sullivan@sunywcc.edu
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	Developmental Courses as required based on placement scores
☐	**ENG 91** Writing for College 1 – Score of 4 E Code 1 and below, **30.01** Choose an item.
☐	**ENG 92** Writing for College 2 – Score of 6 E Code 2, **30.02** Choose an item.
☐	**ENG 99** Writing Studio with linked ENG 101+ - Score of 6 E Code 2, **30.02** OR successful completion of ENG 91
☐	**ESL 94** Academic Writing 1 – Score of 5 or 6 E Code 6, **20.01**.
3☐	**ESL 122** Academic Writing 2 – Score of 7 E Code 7, **21.01**
☐	**MATH 92** Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below, **40.01** Choose an
OR ☐	**MATH 93** Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below, **40.02** Choose an item. **MATH 94** Foundations of Mathematical Reasoning – Arithmetic score 45 and above, Elementary Algebra 54 and below, **40.02** Choose an item.
☐	**READ 93** Foundation of College Reading – Score of 57 and below, **10.01** Choose an item.
3☐	**READ 105** Analytical Reading – Score of 58 and higher **11.01** Choose an item.

	New General Education Requirements
3☐	**ENG 101** – Writing and Research **OR ENG 101H** Choose an item.
3☐	**ENG 102** – Writing and Literature **OR ENG 102H** Choose an item.
	MATHEMATICS GENERAL ED REQUIREMENTS – Select two 3/4 credit course: **MATH** 116, 117, 120, 130, 135, 138, 140, 161, 180, 181, 191, 205, 230, **PSYCH** 201
3☐/4☐	
3☐/4☐	
	NATURAL SCIENCE GENERAL ED REQUIREMENTS – Select a 3/4 credit course(Lab course recommended): **BIOL** 101, 103, 115, 115H, 117, 117H, 121, 123, 127, 140, 143, 155, 159, 203, **CHEM** 107, 111, 113, 117, 201, 205, **PHYSC** 101, 111, 112, 120, 121, 122, 129, 143, 143H, 151, 159, 162, 167, 167+168, 292
3☐/4☐	
	SOCIAL SCIENCES GENERAL ED REQUIREMENTS – Select a 3 credit course: **ANTHR** 101, 102, 102H, 103, 201, **CJ** 111, **ECON** 101, 101H, 102, 102H, **GEOG** 101, **HSERV** 102, 200, **LIN** 201, **POLSC** 111, 111H, 115, **PSYCH** 101, 101H, 103, 103H, 107, 109, 110, 111, 112H, 201, **SOC** 101, 101H, 102, 103, 104
3☐	
	THE ARTS, FOREIGN LANGUAGE, or OTHER WORLD CIVILIZATIONS GENERAL ED REQUIREMENTS – Choose a 3/4 credit course: **ART** 101, 102, 103, 104, 105, 106, 107, 107H, 108, 109, 109A, 110, 111, 112, 125, 129, 130, 133, 134, 135, 137, 138, 140, 141, 147, 201, 203, 212, 265, **DANCE** 101, 102, 107, 112, 115, 120, 121, 205, 207, **FILM** 100, 101, 102, 130 **MUSIC** 110, 110H, 111, 120, 121, 130, 121, 123, 133, 150, 230, 231, 232, 233, **THEAT** 111, 113, 201

	ARABC 101, 102, **CHINS** 102, **FREN** 101, 102, 201, **ITAL** 101, 102, 103, 201, 201H, 202, 202H, 250, **JAPNS** 101, 102, **RUSSN** 101, **SPAN** 101, 102, 103, 104, 201, 201H, 202, 202H, 203, 204, **ANTHR** 120, 210, 215H, **HIS** 107H, 119, 128, 129, 131, **POLSC** 113, **ENG** 227
3☐/4☐	
	AMERICAN HISTORY or WESTERN CIVILIZATION GENERAL ED REQUIREMENTS – Select a 3 credit course: **ART** 108, 109, **HIS** 101, 102, 104, 106, 110, 111, 112, 121*, 133**, 134**, **POLSC** 102, 104, 107 *Students who complete this course cannot use HIS 133 or 134 to fulfill degree and/or general education requirements* **Students who complete this course cannot use HIS 121 to fulfill degree and/or general education requirements*
3☐	

Degree Requirements

3☐	**CIS 110 –** Computer Information Systems Choose an item.
3☐	**CIS 120 –** Object Orient Programming Logic[1] Choose an item.
3☐	**CIS 135 –** PC Operating Systems: **CIS 110 is the prerequisite.** Choose an item.
3☐	**CIS 140 –** Networking for Business: **CIS 110 is the prerequisite.** Choose an item.
3☐	**CIS 155 –** Principles of Security/Forensics: **CIS 110 is the prerequisite.** Choose an item.
3☐	**CIS 220 –** Visual Basic for Business: **CIS 120 is the prerequisite.** Choose an item.
3☐	**CIS 225 –** Database Management Systems: **CIS 110 is the prerequisite.** Choose an item.
3☐	**CIS 260 –** Systems Analysis/Design: **CIS 225 is the prerequisite.** Choose an item.
4☐	**ACC 119 –** Financial Accounting Choose an item.
4☐	**ACC 120 –** Managerial Accounting: **ACC 119 is the prerequisite.** Choose an item.
3☐	**OFTEC 240 –** Business Communication Choose an item.
3☐	**MGT 101 –** Business Organization and Management Choose an item.

SEEN BY: **Completed credits   of 62 required**

Students who select Computer Information Systems as their major are strongly advised to choose the highest level of math so that they will be adequately prepared for the field and for transferring to continue their education. **MATH 135** – Algebra with Trigonometry, **MATH 161** – Pre-Calculus and **MATH 140** – Statistics are all desirable courses for a CIS major. Schedule CIS courses first. Schedule CORE courses around CIS courses.

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[1] **CIS 110**-Computer Information Systems and **CIS 120**-Object Oriented Programming Logic are co-requisites or **CIS 110**-Computer Information System should be taken first.

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Academic Plan		Completed credits of 62 required			
		Fall/Spring		**Fall/Spring**	
Class	**Credits**	**Class**	**Credits**	**Class**	**Credits**
		Fall/Spring		**Fall/Spring**	
Class	**Credits**	**Class**	**Credits**	**Class**	**Credits**