**Rubric for 3.5a** – Use for review the of an Academic Program for Middle States General Education Criteria

**School of Information Studies Drill-down – BS in Information Management and Technology**

Used to evaluate a specific program of study regarding general education criteria for Middle States Standard 3.5. Program-specific requirements, as well as course options from the Liberal Arts Core are reviewed. This will be added as an appendix /table at the end to help explain our evaluation process.

3.5a: …offers a sufficient scope to draw students into new areas of intellectual experience, expanding their cultural and global awareness and cultural sensitivity, and preparing them to make well-reasoned judgements outside of as well as within their academic field.

1 – **Non-compliance**. No evidence of this criteria is present in the degree requirements pertaining to electives or the Liberal Arts Core, either stand alone or integrated into degree requirements. Significant improvement needed.
2 – **Acceptable, but improvement needed**. Limited evidence. Criteria is present in a limited number (1-8) of academic content areas in the Liberal Arts Core. It is not easily apparent / present in the specific degree requirements (i.e., writing, quantitative skills). Marginally passable; improvement needed.
3 – **Acceptable; meets compliance.** Evident in a selection (8-15) of academic content areas of the Liberal Arts Core, **and/*or*** it is present as a specific requirement (i.e., writing, quantitative skills). Passable; would benefit from greater breadth of options and/or increased clarity in how the criteria is represented in the academic content areas. Some improvement / clarity needed.
4 - **Acceptable, clear evidence & meets compliance**. Clearly evident in multiple (15+) academic content areas of the required components for the degree and/or general education electives that are part of the Liberal Arts Core **and/*or*** it is present as a specific requirement within the academic degree program (i.e., writing, quantitative skills, communication skills); provides a broad range of academic content options for students; criteria are easily identifiable within the offerings and course descriptions.

| **3.5a Criteria** | **1** | **2** | **3** | **4** |
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| …offers sufficient scope to draw students into new areas of intellectual experience | | | | iSchool core courses, which are all required courses for students majoring in the undergraduate program called 'Information Management and Technology', include IST 335, IST 444, and IST 466. IST 335 (Introduction to Information-based organizations) is concerned with human behavior in organizations, leadership and management, and interactions between people and |

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| | | | | information technology in organizational settings. IST 444 (Information Reporting and Presentation) deals with information presentation, presentation skills, training and teaching methods. IST 466 (Professional Issues in Information Management and Technology) emphasizes information technology consulting, client relations, teamwork, and ethical professional practices. IST 466 is the undergraduate capstone class that all graduating seniors are required to take. Broadly, the undergraduate curriculum is designed to encourage students to explore new areas of intellectual experience in organizational, societal and international settings of technology design, use, and impacts.<br><br>There is also a requirement to take courses from the Liberal Arts Core (minimum of 36 credits), that include at least 3 courses in each of the 3 LAC divisions (Humanities, Natural Sciences, and Social Sciences). This requirement serves to further broaden opportunities for new intellectual experiences. (See the LAC rubric for additional detail.)<br><br>This is in compliance. |
| expanding their **cultural** and **global** awareness and cultural sensitivity | | | | The iSchool's undergraduate major (Information Management and Technology) requires international experience. Undergraduate students are required to complete one international experience, such as Semester Abroad and International Internship. The iSchool offers its undergraduate students several other experiential learning modes, like immersion experiences and road trips. The EuroTech and AsiaTech programs give students the opportunity to learn firsthand how global corporations use information to |

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| | | | | address global technology challenges. Organized road trips explore hospitality and travel in New York City by meeting up with alumni and friends along the way to get an in-depth look at long-standing and start-up travel companies. The World Partner Exchange program allows students to fulfill their Globalization Requirement at any of the SU Abroad's World Partner programs.<br><br>There is also a requirement to take courses from the Liberal Arts Core (minimum of 36 credits), that include at least 3 courses in each of the 3 LAC divisions (Humanities, Natural Sciences, and Social Sciences). This requirement serves to further engage students in cultural and global awareness. (See the LAC rubric for additional detail.)<br><br>Finally, all iSchool students are required to complete an "international experience." This can be done via Study Abroad, coursework, internship, etc.<br><br>This is in compliance. |
| preparing them to make well-reasoned judgements **outside** of as well as **within** their academic field. | | | | In AY 2015-26, the iSchool initiated a strategic planning process to identify strategic goals in six areas initially, including experiential learning. In the fall of 2016, the iSchool further refined the strategic plan by appointing committees to oversee the implementation planning. Implementation work will continue during 2016 based on those action plans. This experiential learning component provides real-world opportunities for students to make well-reasoned judgments.<br><br>There is also a requirement to take courses from the Liberal Arts Core (minimum of 36 credits), that include |

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| | | | | at least 3 courses in each of the 3 LAC divisions (Humanities, Natural Sciences, and Social Sciences). This requirement serves to further prepare students to make well-reasoned judgements within and outside of the Information Managements & Technology Program. (See the LAC rubric for additional detail.)<br><br>This is in compliance. |

**Rubric for 3.5b** – Use for review of the Liberal Arts Core for Middle States Criteria

Used to evaluate courses listed in the Liberal Arts Core as they relate to criteria in Question 3.5b. We could add this as an appendix /table at the end to help explain how we evaluated our material. Maybe to be used in conjunction with data about course enrollments when we drill down into course descriptions?

3.5b: …offers a curriculum designed so that students acquire and demonstrate essential skills including at least oral and written communication, scientific and quantitative reasoning, critical analysis and reasoning, technological competency, and information literacy. Consistent with the mission, the general education program also includes the study of values, ethics, and diverse perspectives.

1 – **Non-compliance**. No evidence of this criteria is present in SU's Liberal Arts Core. Significant improvement needed.
2 – **Acceptable, but improvement needed**. Limited evidence. Criteria is present in a limited number (1-8) of academic content areas or, it is not easily apparent / present as a requirement (i.e., writing, quantitative skills) listed in SU's Liberal Arts Core. Improvement needed.
3 – **Acceptable; meets compliance.** Evident in a selection (8-15) of academic content areas of the Liberal Arts Core, ***or*** it is present as a specific requirement (i.e., writing, quantitative skills). Passable; would benefit from greater breadth of options and/or increased clarity in how the criteria is represented in the academic content areas. Some improvement needed.
4 - **Acceptable, clear evidence & meets compliance**. Clearly evident in multiple (15+) content areas of the Liberal Arts Core; provides a broad range of academic content options for students; criteria are easily identifiable within the offerings and course descriptions. enrollment data that indicates students are partaking in a breadth of course offerings. Passable; no improvement needed.

| **3.5b Criteria** | **1** | **2** | **3** | **4** |
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| Oral Communication | | | | Based on the Syracuse University 4+4 Competencies, Communicative Competency Skills are defined as:<br><br>*The ability to receive and interpret messages accurately and to aggregate and express ideas through written, oral and other forms* |

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| | | | | *of expression and to inform and persuade multiple audiences, and achieve shared understanding.*<br><br>IST 444 information Reporting & Presentation<br><br>Present in Liberal Arts Core requirements across multiple content areas.<br><br>Also present in the "Communication Skills" requirement for the Info Management & Tech program (12 credits) that includes WRT 105 & WRT 205. (See LAC rubric for additional detail.) |
| Written Communication | | | | Based on the Syracuse University 4+4 Competencies, Communicative Competency Skills are defined as:<br><br>*The ability to receive and interpret messages accurately and to aggregate and express ideas through written, oral and other forms of expression and to inform and persuade multiple* |

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| | | | | *audiences, and achieve shared understanding.*<br><br>IST 444 information Reporting & Presentation<br><br>Present in Liberal Arts Core requirements across multiple content areas.<br><br>Also present in the "Communication Skills" requirement for the Info Management & Tech program (12 credits) that includes WRT 105 & WRT 205. (See LAC rubric for additional detail.) WRT 303 or WRT 307 are also required.<br><br>Easily identifiable, and there are several courses to choose from. |
| Scientific Reasoning | | | Based on the Syracuse University 4+4 Competencies, Scientific Reasoning Skills are defined as:<br><br>*Scientific reasoning is the purposeful process of examining phenomena,* | |

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| | | | *creating and evaluating hypotheses about how and why these phenomena exist and work, and use information, ethically and with integrity, to determine and communicate verifiable explanations about a wide variety of phenomena. It is used to understand the scope and impacts of science and scientific phenomena in the world, to differentiate between relevant and irrelevant data, and to use data to arrive at verifiable outcomes.*<br><br>PST205<br><br>There is also a requirement to take courses from the Liberal Arts Core (minimum of 36 credits), that include at least 3 courses in each of the 3 LAC divisions (Humanities, Natural Sciences, and Social Sciences). This requirement serves to further prepare students to make well-reasoned judgements within and outside of the Information Managements & Technology Program. (See | |

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| | | | the LAC rubric for additional detail.)<br><br>This is in compliance, but could be clearer. | |
| Quantitative Reasoning | | | Based on the Syracuse University 4+4 Competencies, Quantitative Reasoning Skills are defined as:<br><br>*A multi-disciplinary 'habit of mind' competency and comfort in working with numerical data; ability to reason and solve real-world problems from a variety of contexts and develop and communicate arguments supported by quantitative data.*<br><br>Students majoring in Information Technology & Management are can fulfill quantitative reasoning criteria by taking either math or language courses. Additionally, there are programming skills requirements that meet quantitative reasoning definitions. | |

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| | | | Courses that will meet the math requirement include: MAT121, MAT122, MAT 222, MAT284 | |
| Critical Analysis and Reasoning | | | Based on the Syracuse University 4+4 Competencies, Critical Analysis and Reasoning skills are defined as:<br><br>*Critical reasoning is the intentional process of engaging in reflective and independent thinking in order to identify and understand the logical connections between ideas and issues; to evaluate and construct arguments; to solve problems systematically and ethically; to arrive at informed conclusions; to reflect on the validity of one's own beliefs and values; and to appreciate the relevance and importance of diverse evidence from the realms of ideas, themes, and proposals, which may result in new modes of understanding.*<br><br>Students majoring in Info Management & Technology are required to take WRT 105 & WRT 205, in addition to | |

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| | | | other WRT courses. These courses (and their counterparts) focus on building critical analysis and reasoning skills.<br><br>There is also a requirement to take courses from the Liberal Arts Core (minimum of 36 credits), that include at least 3 courses in each of the 3 LAC divisions (Humanities, Natural Sciences, and Social Sciences). This requirement serves to further prepare students to make well-reasoned judgements within and outside of the Information Managements & Technology Program. (See the LAC rubric for additional detail.)<br><br>This can also be addressed in IST 443 “Critique of Information Age”<br><br>Overall in compliance, but needs to be clearer. | |
| Technological Competency | | | | Based on the Syracuse University 4+4 Competencies, the Information and Technology competency is defined as: |

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| | | | | *The Information and Technology competency is the ability to effectively, critically, and ethically deploy a range of information and technology resources in endeavors of academic, creative, personal, and civic inquiry.*<br><br>Students majoring in Information Management & Technology readily meet this criteria, as their major courses (39-40 credits) and major electives (15 credits) focus on this content area. |
| Information Literacy | | Based on the Syracuse University 4+4 Competencies, the Information and Technology competency is defined as:<br><br>*The Information and Technology competency is the ability to effectively, critically, and ethically deploy a range of information and technology resources in endeavors of academic, creative, personal, and civic inquiry.* | | |

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| | | Research methodology, source evaluation, and library / online research are all covered in WRT 205. While this course is required for the Info Management & Technology program, it is the only course that is readily identifiable for addressing information literacy skill development. And, while many of the major courses focus on information management & technology, it is not readily apparent that information literacy is a component of this.<br><br>This is an area that SU can improve in. | | |
| Values, ethics, and diverse perspectives. | | | | In addition to the Liberal Arts Core requirements, (minimum of 36 credits), that include at least 3 courses in each of the 3 LAC divisions (Humanities, Natural Sciences, and Social Sciences), there are several course that are offered for this degree program that focus on values, ethics, and diverse perspectives: |

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| | | | | IST466 Professional Issues in Information Management & Technology; GET471 Internship in Global Enterprise Technology, GET 472 Professional Experience in Global Enterprise Technology; GET305 Globalization, IT and Culture; GET 234 Effective Collaboration in a Globally-Distributed Environment. |