Revised: April 4, 2024

Accreditation date May 2020

ASSURANCE OF LEARNING PROGRESS

AACSB 2020 STANDARDS   
STANDARD 5

The following tables track the status of the competency goals direct assessment documents after the May 2020 reaccreditation, incorporating the changes required by the new AACSB standards of 2020/updated July 2021, 2022, 2023. There are a total of 51 goals across 14 programs. The recent history columns show the progress and plan to assess each learning goal in the most recent semesters. Legend: D = data is/has been collected; S = an assessment is scheduled; C = the assessment is completed, and the documents have been updated. The right most columns demonstrate the latest progress toward the goal.

**Direct Assessment Schedule for the Academic year 2023/2024**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Program | Total number of goals | Goals to be assessed in Fall 2023 | Goals to be assessed in Spring 2024 | Goals to be assessed in Summer 2024 |
| **Undergraduate**  BSB | 3 | 3 | 0 |  |
| QF | 3 | 2 | 1 |  |
| **Graduate**  MSTM/EMBA | 4 | 0 | 1 | 2  (goal 3; goal 1 written only ) |
| BIA | 4 | 3 | 1 |  |
| EPM | 4 | 2 | 2 |  |
| MSIS | 4 | 4 | 0 |  |
| MSM | 4 | 3 | 1 |  |
| MBA/AMBA | 4 | 3 | 1 |  |
| MFIN | 4 | 3 | 1 |  |
| FE | 4 | 2 | 2 |  |
| FTA | 4 | 4 | 0 |  |
| **PhD -every other year**  BA | 3 | 0 | 3 |  |
| FE | 3 |  | 3 |  |
| DS | 3 |  | 3 |  |
| TOTAL | 51 | 29 | 19 | 2 |

**Undergraduate Programs**

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|  |  |  | **Recent Story** | | | | |  |  | | | | |
| **Owner** | **Goal #** | **BS in Business**  **Goal** | **Count** | **F’21** | **F’22** | **F’23** | **F’24** | **Objectives** | **Results (Expectations) %** | | | | |
| **Not Meet** | **Meet** | | **Exceed** | |
| Garg, & Stein | BT-1  BT401 (F) | Students can communicate effectively in written and oral presentations. | 3 | C | C | C | S | 1.Written skills | 2 | | 51 | | 47 |
| 2.Oral skills | 0 | | 78 | | 22 |
| Aronson | BT–2  BT330 (F) | Our students can interact effectively in teams. | 3 | C | C | C | S | 1.Facilitation | 0 | | 83 | | 17 |
| 2.Relationships | 0 | | 82 | | 18 |
| Parfett | BT-3  MIS460 (F) | Students understand how technology is leveraged to improve business performance. | 3 | C | C | C | S | Recognize importance of technology | 2 | | 57 | | 41 |

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|  |  |  | **Recent Story** | | | | | | |  |  | | |
| **Owner** | **Goal #** | **BS in Quantitative Finance**  **Goal** | **Count** | **F’21** | **SP’22** | **F’22** | **S’23** | **F’23** | **SP’24** | **Objectives** | **Results (Expectations) %** | | |
| **Not Meet** | **Meet** | **Exceed** |
| Calhoun & Stein | QF-1  QF102/(S) | Students can communicate effectively in written and oral presentations | 2 |  | C |  | C |  | S | 1.Written skills | 50 | 30 | 20 |
| 2.Oral skills | 0 | 0 | 100 |
| Aronson | QF–2  QF200  (F) | Our students can interact effectively in teams. | 3 | C |  | C |  | C |  | 1.Facilitation | 0 | 80 | 20 |
| 2.Relationships | 0 | 57 | 43 |
| Zach Feinstein | QF-3  QF301  (F) | Students are able to develop and use financial models and technical systems from a perspective of a broad critical understanding of the finance system | 3 | C |  | C |  | C |  | Application of financial models | 11 | 29 | 60 |

**Graduate Programs**

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|  |  |  | **Recent Story** | | | | | | | |  |  | | |
| **Owner** | **Goal #** | **MSTM/EMBA**  **PROGRAM**  **Goal** | **Count** | **F’21** | **SP’22** | **Sum 22** | **F22** | **SP 23** | **F’23** | **SP’24** | **Objectives** | **Results (Expectations) %** | | |
| **Not Meet** | **Meet** | **Exceed** |
| Dominick & Stein  Koen | EM-1  EMT635 – written  (sum)  (EMT696 – oral)  (F not done 2023)  EMT635 (F) Written | Students can communicate effectively in written and oral presentations. | 3 | S  No  stud |  | C  Wrt +oral | C  Pres only | C  Sum 23  Wrt only | S  1 stud | Sum 24 | 1.Written skills | 20 | 80 | 20 |
| 2.Oral skills | 0 | 0 | 100 |
| Dominick | EM-2  EMT740  (F) | Inspire, motivate and lead teams and groups of technical professional and knowledge workers to maximize human capital | 2 | C |  |  | C |  |  |  | 1.Personal mindset | 0 | 0 | 100 |
| Frank | EM-3  EMT714  (sum) | Develop, articulate and put into practice technology strategies aligned with corporate mission, business strategy. | 0 |  |  | S  Not done | Sum23 |  |  | Sum 24 | 1.Business strategy  2.Technology |  |  |  |
| Koen | EM-4  EMT752  (S) | Identify, assess, launch, and lead organizational strategic initiatives for the creation of new businesses and sustaining existing businesses. | 3 | C | C |  |  | C |  | S | 1.Understand strategy, issues, process associated with disruption  2.Business Model | 0  11 | 22  21 | 78  68 |

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|  |  |  | **Recent Story** | | | | | |  |  | | |
| **Owner** | **Goal #** | **MS in BIA**  **PROGRAM**  **Goal** | **Count** | **F’21** | **F’22** | **Sp’23** | **F’23** | **SP’24** | **Objectives** | **Results (Expectations) %** | | |
| **Not Meet** | **Meet** | **Exceed** |
| Stohr &  Stein  (Moazeni) | BIA-1  BIA  650  (F) | Students can communicate effectively in written and oral presentations. | 3 | C  No pres | C |  | C |  | 1.Written skills | 19 | 54 | 27 |
| 2.Oral skills | 0 | 4 | 96 |
| Gomez | BIA-2  BIA  658  (F) | Our students can interact effectively in teams. | 2 | C | C  Needs updating |  | S  Not done |  | Effective interaction | 22 | 10 | 68 |
| Asakiewicz | BIA-3  BIA  Comprehensive exam  (F) | Students understand and can apply a broad range of business analytic techniques including optimization, conceptual data modeling, data warehousing and data mining | 3 | C | C |  | C |  | Analytic techniques | 0 | 13 | 87 |
| Morabito | BIA-4  MIS633 (F) | Students are able to discover, access internal and external data sources and frame questions that are appropriate for solving business problems | 4 | C | C  + Sp 22 | C |  | S | Access data  Exploit org/social sys | 1  1 | 0  15 | 99  84 |

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|  |  |  | **Recent Story** | | | | | | |  |  | | |
| **Owner** | **Goal #** | **MS in EPM**  **Goal** | **Count** | **F’21** | **SP’22** | **F’22** | **SP’23** | **F’23** | **SP’24** | **Objectives** | **Results (Expectations) %** | | |
| **Not Meet** | **Meet** | **Exceed** |
| Lechler & Stein | EPM-1  MGT  609  (F) | Students can communicate effectively in written and oral presentations. | 3 | C  1  stud |  | C  2/5 stud |  | C |  | 1.Written skills | 0 | 50 | 50 |
| 2.Oral skills | 0 | 7 | 93 |
| Aronson | EPM-2  MGT699  (F) | Our students can interact effectively in teams. | 2 |  | C |  | C |  | S | 1.Facilitation | 10 | 20 | 70 |
| 2.Relationships | 5 | 15 | 80 |
| Lechler | EPM-3  Questions issued at Prog level throughout the semester  (F) | Student demonstrates mastery of project management knowledge areas and tools to create value for key stakeholders of projects. | 3 | C |  | C |  | C |  | 1.Apply project management methodology  2.Integrate business into a project plan | 44  22 | 22  19 | 34  69 |
| Aronson | EPM-4  MGT  612  (F) | Student understands how to influence and lead enterprise projects. | 2 |  | C |  | C |  | S | Influence and lead projects | 0 | 58 | 42 |

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|  |  |  | **Recent Story** | | | | | |  |  | | |
| **Owner** | **Goal #** | **MSIS Program**  **Goal** | **Count** | **F’21** | **SP’22** | **F’22** | **SP’23** | **F’23** | **Objectives** | **Results (Expectations) %** | | |
| **Not Meet** | **Meet** | **Exceed** |
| Frank  Stein | IS-1  MGT  609 (F) | Students can communicate effectively in written and oral presentations. | 3 | C |  | C |  | C | 1.Written skills | 22 | 55 | 23 |
| 2.Oral skills | 4 | 51 | 45 |
| Frank | IS-2  MIS699  (F) | Our students can interact effectively in teams. | 0 |  |  | S  Not done | S  Not done | S  Not done | 1.Facilitation |  |  |  |
| 2.Relationship |  |  |  |
| Parfett | IS-3  MIS  760 (F) | Students can formulate and articulate plans to align business & IT. | 3 | C |  | C |  | C | Role of CIO and IT org | 13 | 72 | 15 |
| Stohr | IS-4  MIS  710(F) | Students can analyze a business situation and design an integrated process and data model to satisfy organizational goals | 2 | C |  | S  Not done |  | C | 1.Develop strategic goals  2.Develop to be process map  3. Identify and design the data consumed by the process | 15  49  19 | 30  30  35 | 55  21  14 |

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| **Owner** | **Goal #** | **MSM PROGRAM**  **Goal** | **Count** | **F’21** | **SP’22** | **F’22** | **SP’23** | **F’23** | **SP’24** | **Objectives** | **Results (Expectations)%** | | |
| **Not meet** | **Meet** | **Exceed** |
| Dominick &  Stein | MSM–1  MGT  609  (F) | Students can communicate effectively in written and oral presentations. | 3 | C |  | C |  | C |  | 1. Written Skills | 0 | 75 | 25 |
| 2. Oral Skills | 0 | 0 | 100 |
| Aronson | MSM-2  MGT 689 (F) | Our students can interact effectively in teams. | 2 |  | C |  | C |  | S | 1.Facilitation | 0 | 50 | 50 |
| 2.Relationship | 0 | 71 | 29 |
| Frank | MSM-3  MGT  714  (F) | Students will understand how a firm uses technology for competitive advantage in satisfying its business strategy. | 1 | C |  | S  Not done |  | S  Not done |  | Prepare a  technology  strategy | 0 | 0 | 100 |
| Jose Tribo | MSM-4  MGT  699 (F) | Students will be able to effectively utilize analytic problem solving skills. | 3 | C |  | C |  | C |  | Solve Complex Problems | 0 | 0 | 100 |

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|  |  |  | **Recent Story** | | | | | | |  |  | | | | |
| **Owner** | **Goal #** | **MBA/AMBA**  **Program**  **Goal** | **Count** | **F’21** | **SP’22** | **F’22** | **SP’23** | **F’23** | **SP’24** | **Objectives** | **Results (Expectations) %** | | | | |
| **Not Meet** | **Meet** | | **Exceed** | |
| Dool & Stein | MBA–1  MGT635  (F) writ  (S) oral | Students can communicate effectively in written and oral presentations. | 3 | C |  | C | C | C |  | 1. Written Skills | 8 | | 65 | | 27 |
| 2. Oral Skills | 0 | | 0 | | 100 |
| Aronson | MBA-2  MGT  699 (F) | Students understand effective interaction in teams. | 2 |  | C |  | C |  | S | 1.Facilitate task accomplishment | 10 | | 20 | | 70 |
| 2.Facilitate relationship building | 10 | | 15 | | 75 |
| Vazacopoulos | MBA-3  BIA600  (F) | Our students will be able to develop and analyze descriptive, predictive, and prescription models using software tools to aid in decision making | 3 | C |  | C |  | C |  | Decision making | 0 | | 0 | | 100 |
| Jose Tribo | MBA-4  MGT  699 (F)  EMT715 | Students will effectively utilize problem solving skills. | 3 | C |  | C |  | C |  | Analytic problem solving | 0 | | 33 | | 67 |

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|  |  |  | **Recent Story** | | | | | | |  |  | | |
| **Owner** | **Goal #** | **FINANCE MASTER**  **PROGRAM**  **Goal** | **Count** | **F’21** | **SP’22** | **F’22** | **SP’23** | **F’23** | **SP’24** | **Objectives** | **Results (Expectations) %** | | |
| **Not Meet** | **Meet** | **Exceed** |
| Banerjee & Stein | MFIN-1  Fin  629 (S)  629ws sp | Students can communicate effectively in written and oral presentations | 3 |  | C | C | C |  | S | 1. Written Skills | 0 | 50 | 50 |
| 2. Oral Skills | 0 | 8 | 92 |
| Manos  Hatzake | MFIN-2  Fin  627 (F) | Students can interact effectively in teams. | 3 | C |  | C |  | C |  | Effective interaction | 10 | 46 | 44 |
| Dragos Bozdog | MFIN-3  FE  511 (F)  Fin project | Students will achieve mastery of the technical and basic quantitative methods required for the Finance domain. | 3 | C |  | C |  | C |  | Technical & basic quantitative methods | 0 | 72 | 18 |
| Michael Guthammar  & Banerjee | MFIN-4  Fin638(F) | Students are able to implement financial solutions to improve the performance of financial or non-financial businesses. | 3 | C |  | C |  | C |  | Solve fin prob  Models/actions | 10  6 | 38  2 | 52  92 |

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|  |  |  | **Recent Story** | | | | | | |  |  | | | |
| **Owner** | **Goal #** | **Financial Engineering**  **Goal** | **Count** | **F’21** | **SP’22** | **F’22** | **SP’23** | **F’23** | **SP’24** | **Objectives** | **Results (Expectations) %** | | | |
| **Not Meet** | **Meet** | **Exceed** | |
| Pirjol & Stein | FE-1  FE620  (F) | Students can communicate effectively in written and oral presentations | 3 | C |  | C |  | C |  | 1. Written Skills | 17 | 46 | | 37 |
| 2. Oral Skills | 0 | 0 | | 100 |
| Papa Ndiaye | FE-630  (S) | Students can interact effectively in teams. | 2 |  | C |  | C |  | S | Facilitate leadership & relationship building | 0  0 | 6  6 | | 94  94 |
| Sveinn Oiafsson/  Florescu | FE-621  (S) | Students will achieve mastery of the foundational computational methods required for derivative pricing in financial engineering | 2 |  | C |  | C |  | S | Demonstrate the capability of implementing and analyzing various numerical techniques and applying to modern problems in financial engineering | 12 | 31 | | 57 |
| Bozdog | FE680  (F) | Students can achieve mastery in advanced derivatives | 3 | C |  | C |  | C |  | Utilize Interest models | 11` | 38 | | 51 |
| Utilize credit derivation models | 7 | 2 | | 91 |

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|  |  |  | **Recent Story** | | | | |  |  | | | | |
| **Owner** | **Goal #** | **FTA**  **Goal** | **Count** | **F’21** | **SP’22** | **F’22** | **F’23** | **Objectives** | **Results (Expectations) %** | | | | |
| **Not Meet** | **Meet** | | **Exceed** | |
| Bozdog & Stein | FA-1  FA582  (F) | Students can communicate effectively in written and oral presentations | 3 | C |  | C | C | 1. Written Skills | 18 | | 41 | | 41 |
| 2. Oral Skills | 0 | | 25 | | 75 |
| Zhenyu Cui | FA-2  FE541  (F) | Students can interact effectively in teams | 3 | C |  | C | C | Team leadership & facilitation | 0  2 | | 19  18 | | 81  80 |
| Bozdog | FA-3  FA582  (F) | Students will be able to collect, clean, and perform exploratory analysis on data sets and apply data mining methods to generate reports | 3 | C |  | C | c | Analysis on data sets | 2 | | 73 | | 25 |
| Dragos Bozdog | FA-4  FA542  (F) | Students will be able to develop predictive forecast using historical  data | 2 |  | C |  | C | Calibrate models  Predictive forecast | 8  0 | | 71  75 | | 21  25 |

**PhD Programs**

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| **Owner** | **Goal #** | **PhD in Business Administration**  **Suman/Victor Luo** | **Count** | **F21** | **S22** | **S24** | **Objectives** | **Results (Expectations) %** | | | | |
| **Not Meet** | **Meet** | | **Exceed** | |
| Alex Rodivilov  (Sasha)  Sp 24 | PhD-1  Fin703  Mgt712 | Students can communicate effectively in written and oral presentations and structure research papers.  Qualifying exam  1st semester of 3rd year  MGT 900 – Brown bag seminar | 1 |  | C | S | Written skills | 4 | | 42 | | 54 |
| Oral skills |  | |  | |  |
| Goel  Fin704  SP24 | PhD-2  Fin703 | PhD graduates master the core theoretical knowledge and modeling research tools in their major field of study  End of second yr | 1 | C |  | S | Knowledge and Research tools | 0 | | 0 | | 100 |
| Banerjee  Fin 920/930  Sp 24 | PhD-3  Fin704  (S) | Ph.D. graduates will have sufficiently mastered analytical and methodological skills needed to know the prior literature and contribute to the research in his/her area of specialization.  2nd or 4th semester | 1 |  | C | S | Skills for Research | 14  0 | | 43  14 | | 43  86 |

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|  |  |  | **Recent Story** | | | | |  |  | | | | |
| **Owner** | **Goal #** | **PhD in Financial Engineering Program**  **Goal**  **Suman/Zhenyu Cui** | **Count** | **SP’22** | **SP’24** | **SP’25** |  | **Objectives** | **Results (Expectations) %** | | | | |
| **Not Meet** | **Meet** | | **Exceed** | |
| Zhenyu  Cui | PhD-FE1  (S) | PhD graduates can effectively communicate research in oral presentations | 1 | C | S | S |  | Oral skills | 9 | | 18 | | 73 |
| Zhenyu  Cui | PhD-FE2  (S) | Ph.D. graduates will have sufficiently mastered the core knowledge and tools needed to conduct original research in a timely manner.  Defend dissertation about end of 6th year | 1 | C | S | S |  | Able to write competitive research papers | 0 | | 33 | | 67 |
| Defend their dissertation | 33 | | 33 | | 34 |
| Zhenyu  Cui | PhD-FE3  (S) | Ph.D. graduates are able to effectively deliver academic courses in a university environment. | 1 | C | S | S |  | Effectively deliver a course | N/A | |  | |  |

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|  |  |  | **Recent Story** | | | | |  |  | | | | |
| **Owner** | **Goal #** | **PhD in Data Science Program**  **Joint with Engineering**  **Suman/Feng Mai** | **Count** | **SP’22** | **SP’24** | **SP’25** |  | **Objectives** | **Results (Expectations) %** | | | | |
| **Not Meet** | **Meet** | | **Exceed** | |
| Feng Mai | PhD-  DS1 | PhD graduates can effectively communicate in written and oral  Qualifying exam in the beginning of 3rd year | 1 | C | S | S |  | Written  Oral skills | 0  0 | | 100  100 | | 0  0 |
| Feng Mai | PhD-  DS2 | Ph.D. graduates master the core knowledge and research in their field of study.  Each student has to submit a progress and activity report at the end of every semester | 1 | C | S | S |  | Write competitive research paper | 25 | | 15 | | 60 |
| Feng Mai | PhD-  DS3 | Ph.D. students demonstrate capacity to identify and develop research project for their dissertation in a timely fashion | 1 | C | S | S |  | Defend dissertation | 0 | | 16 | | 86 |