# Accelerating Ingenuity in Markets (AIIM)

**AIIM 3986  Accelerating Ingenuity in Markets Internship - Work Period  (0 credits)**
SNC/UNC grade assessment.
*Prerequisite:* AIIM major; cons. of prog. dir. and cons. of Business Career Center.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%203986)

**AIIM 4310  Sector and Company Investment Analysis  (3 credits)**
Focuses on sector and investment research and analysis and foundational components of applied investing. After successful completion, a student should be able to perform basic equity research, analyze market sectors, analyze organizations financially and create financial models to value organizations.
*Prerequisite:* FINA 3001, ACCO 4080, which may be taken concurrently; AIIM major, or cons. of instr.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204310)

**AIIM 4320  Identifying, Valuing and Communicating Investment Opportunities  (3 credits)**
Focuses on sector and investment research and analysis, foundational components of applied investing. After successfully completing this course, a student should be able to create financial models useful for sensitivity analysis, create financial models to value organizations, identify misvalued investment opportunities, and communicate an investment opportunity effectively.
*Prerequisite:* AIIM 4310 or cons. of instr.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204320)

**AIIM 4330  Advanced Research Techniques for Investment Analysis  (3 credits)**
Focuses on sector and investment research and analysis, foundational components of applied investing. After successfully completing this course, a student should be able to build complex scenario analysis models, utilize advanced valuation methods to value opportunities, utilize statistics to conduct factor analysis, utilize alternative data and artificial intelligence, and analyze the AIIM portfolios.
*Prerequisite:* AIIM 4320 or cons. of instr.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204330)

**AIIM 4400  Applied Ingenuity, Analytics, and Valuation  (3 credits)**
Students learn to identify market opportunities, use analytics to disrupt the market and creatively solve financial problems in a novel manner to quantitatively value a financial opportunity. Students communicate a business use case for the opportunity and have the ability to participate in building, operationalizing and generating profits from a novel financial technology.
*Prerequisite:* Soph. stndg.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204400)

**AIIM 4410  Identifying, Building, Creating and Communicating FinTech Opportunities  (3 credits)**
Students become experts in specific areas of FinTech, such as but not limited to Cryptocurrencies and Digital Assets, Decentralized Finance, Distributed Ledgers and Blockchain, FraudTech, Insuretech, the Internet of Behaviors, Layer 0 protocols, Machine Learning and Artificial Intelligences, Neural Networks and Natural Language Processing, and Smart Contracts. Students read white papers and financial statements, learn to identify financial opportunities and communicate a business use case for a specific FinTech application. Next, students build, operationalize and generate profits from a novel Financial Technology.
*Prerequisite:* FINA 4075 or FINA 5075; AIIM major; or cons. of instr.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204410)

**AIIM 4420  Automating, Programming, Forecasting, and Generating Disruptive FinTech Intelligence  (3 credits)**
Students become experts in generating disruptive business intelligence through techniques such as but not limited to blockchain auditing and exploration, data visualization, data mining, data analytics, robotic process automation, programming and applying machine learning to artificial intelligences. Students quantify their insights and communicate this effectively in forecasts and reports.
*Prerequisite:* AIIM 4410; AIIM major; or cons. of instr.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204420)

**AIIM 4430  Constructing and Communicating Advanced Applications and Valuation of FinTech  (3 credits)**
Students become experts in communicating, applying and valuing specific Financial Technologies. Students use foundational valuation techniques learned in AIIM to develop novel methods of communicating an investment thesis. Students demonstrate and apply their technologies in conjunction with pitching their ideas in written and oral form in a manner open to public scrutiny.
*Prerequisite:* AIIM 4420; AIIM major; or cons. of instr.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204430)

**AIIM 4440  Valuing and Communicating a Market Disrupting Idea  (3 credits)**
Students become experts in communicating, applying and valuing market disruptors. Students use foundational valuation techniques learned in AIIM to develop novel methods of communicating an investment thesis. Students pitch their ideas in written and oral form in a manner open to public scrutiny.
*Prerequisite:* AIIM 4400, AIIM major, or cons of instr.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204440)

**AIIM 4470  Applied Regulatory Technology and Quantifying the Ethical Implications of Financial Investments  (3 credits)**
Students understand regulatory technologies ("RegTech") and the ethical implications of investment and financial technologies. Specific attention is given to applying ethics to the intersection of humans, robots and artificial intelligences. Students quantify governance protocols, cryptographic methodology, security standards and ethical issues affecting their investment choice. Students discover, apply and/or create RegTech capable of helping solve ongoing issues.
*Prerequisite:* AIIM major or cons. of instr.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204470)

**AIIM 4931  Topics in Accelerating Ingenuity in Markets  (3 credits)**
Topics vary.
*Prerequisite:* AIIM major.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204931)

**AIIM 4986  Accelerating Ingenuity in Markets Internship - Grading Period  (3 credits)**
S/U grade assessment.
*Prerequisite:* AIIM 3986; cons. of prog. dir. and cons. of Business Career Center.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204986)

**AIIM 4989  Applied Ingenuity in Markets Internship Work and Grading Period  (3 credits)**
S/U grade assessment.
*Prerequisite:* AIIM major; cons. of prog. dir. and cons. of Business Career Center.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204989)

**AIIM 4995  Independent Study in Accelerating Ingenuity in Markets  (1-4 credits)**
Faculty-supervised, independent study/research of a specific area or topic in Accelerating Ingenuity in Markets.
*Prerequisite:* Cons. of dept. ch.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204995)

**AIIM 4996  AIIM Being the Difference  (1 credits)**
Students participate in community service initiatives for a minimum of ten hours each term beginning in the spring of their Sophomore year. Students identify an area of passion they have to help others, locate or create an organization matching this passion and make a difference in the world. Students effectively communicate their experiences and outcomes in their Senior year.
*Prerequisite:* AIIM major or cons. of instr.
*Level of Study:* Undergraduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=AIIM%204996)