

# The Nuts and Bolts of Creating a Two-Year Data Science Program



Leveraging the program:  
FinTech Aspirations (and more)

# Northeast Florida FinTech Initiative

- <https://www.fscj.edu/academics/workforce-education/grant-programs/fintech-grant>
- The Northeast Florida FinTech Initiative represents a partnership between Florida State College at Jacksonville and St. Johns River State College, regional schools, nonprofits and numerous financial services companies to provide new financial technology, or “FinTech” training and certification opportunities in topics such as blockchain, mobile applications, machine learning and cloud-based data management.
- This innovative collaboration to provide new FinTech-related training and certifications will help equip Floridians with skills in demand by Northeast Florida’s growing FinTech industry.
- The FinTech Initiative will also include the creation of a new externship program and working connections program. These programs will provide leaders of nearby K-12 schools with valuable skills and information needed to introduce students to the FinTech industry and will offer real-world industry experiences to College faculty.

# Northeast Florida FinTech Initiative

- Banking Specialist - FinTech Technical Certificate – An introductory-level certificate designed to get students on a FinTech career pathway. Available Online
- FinTech Advanced Technical Certificate –For those who already hold a degree and is designed to upskill IT-based FinTech skills, particularly in software applications and development Coming Soon!
- FinTech Support Technician Boot Camp Academy - a fast-track program that provides a non-credit pathway for individuals to acquire skills desirable to regional FinTech companies Coming Soon!
- Security+ Boot Camp Academy - June 14-August 9, 2022, Tuesdays and Thursdays - Live Online 6-8 p.m.
- MOS Excel 2019 – June 8–July 16, 2022, Wednesdays 5-7PM & Saturdays - Live Online 10AM-12PM
- Python – September 1-29, 2022, Thursdays - Live Online 6-8:30 PM

# FinTech Advanced Technical Certificate (ATC)

- Eight new courses (24 credit hours)
  - FIN 3450 – Foundations of FinTech Credit Hours: 3
  - IDC 3021C– Technology in FinTech Credit Hours: 3
  - FIN 3740– Data Ethics and Regulatory Concepts in FinTech Credit Hours: 3
  - ISM 3232C – Fintech Application Development Credit Hours: 3
  - IDC 4251C – Data Mining for FinTech: 3
  - IDC 4252C – Data Analytics for FinTech: 3
  - IDC 4022C – Machine Learning for FinTech Credit Hours: 3
  - FIN 4451 – FinTech Capstone Credit Hours: 3

# B.A.S. in Information Systems Technology

## FinTech Concentration

- o FIN 3400 – Financial Management Credit Hours 3
- o FIN 3450 – Foundations of FinTech Credit Hours: 3
- o IDC 3021C – Technology in FinTech Credit Hours: 3
- o FIN 3740 – Data Ethics and Regulatory Concepts in FinTech Credit Hours: 3
- o ISM 3232C – Fintech Application Development Credit Hours: 3
- o IDC 4251C – Data Mining for FinTech: 3
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# B.A.S. in Data Science (Proposed)



## **BACCALAUREATE PROPOSAL APPLICATION**

### **Form No. BAAC-02**

Section 1007.33(5)(d), Florida Statutes (F.S.), and Rule 6A-14.095, Florida Administrative Code (F.A.C.), outline the requirements for Florida College System baccalaureate program proposals. The completed proposal form, incorporated in Rule 6A-14.095, F.A.C., Site Determined Baccalaureate Access, shall be submitted by the college president to the chancellor of the Florida College System at [ChancellorFCS@fldoe.org](mailto:ChancellorFCS@fldoe.org).

**Florida State College at Jacksonville  
New Program Prospectus**



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