

The following **36-week curriculum** equips participants with skills equivalent to 2–3 years of experience as a **Business System Analyst (BSA)**. The program combines business analysis, technical tools, and real-world project experience in a structured tabular format.

Week	Module	Topics Covered	Key Tools/Deliverables
1	Introduction to BSA Role	- Overview of BSA roles and responsibilities - SDLC and Agile methodologies	Deliverable: Learning journal on BSA responsibilities
2	Business Analysis Fundamentals	- Stakeholder identification - Business problem definition - Requirements gathering techniques	Deliverable: Stakeholder map and problem statement
3	Requirements Elicitation	- Elicitation techniques (interviews, workshops, surveys) - Handling conflicting requirements	Tool: Google Forms, Meeting templates
4	Requirements Documentation	- Writing BRDs (Business Requirement Documents) - Functional vs. Non-functional requirements	Tool: MS Word/Confluence templates
5	UML and Process Modeling Basics	- Introduction to UML diagrams - Flowcharts and process models	Tool: Lucidchart, Draw.io
6	Advanced Process Modeling	- Use case diagrams - Activity diagrams - Swimlane diagrams	Deliverable: Process model for a sample case
7	Data Modeling	- Basics of ER diagrams - Logical vs. Physical data models	Tool: SQL Developer, Lucidchart
8	SQL Basics	- Writing basic queries (SELECT, INSERT, UPDATE) - Joins and aggregations	Tool: PostgreSQL/MySQL
9	Agile Methodologies	- Scrum fundamentals - Writing user stories and acceptance criteria	Tool: Jira, Trello
10	Requirements Traceability	- Creating traceability matrices - Managing scope and changes	Tool: MS Excel, Jira
11	Stakeholder Management	- Effective communication and negotiation skills - Managing stakeholder expectations	Deliverable: Stakeholder communication plan
12	Risk Management and Change Control	- Identifying and assessing risks - Change management processes	Tool: Risk register templates

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13	Data Analysis for BSAs	- Analysing datasets for insights - Data validation and profiling	Tool: Excel (Pivot Tables), Tableau
14	Data Visualization Basics	- Principles of visualization - Creating charts and dashboards	Tool: Tableau, Power BI
15	Workflow Automation	- Automating repetitive tasks (using macros, scripts) - Business process automation tools	Tool: MS Power Automate, Python (basic scripts)
16	Testing and QA	- Writing test cases - Performing UAT (User Acceptance Testing)	Deliverable: Sample test cases and test scenarios
17	Documentation Best Practices	- Writing SOPs (Standard Operating Procedures) - Creating knowledge repositories	Tool: Confluence/SharePoint
18	Enterprise Systems Basics	- Introduction to ERP and CRM systems - Common platforms: SAP, Salesforce	Tool: Salesforce (Trailhead exercises), SAP demo versions
19	Integration and APIs	- Basics of APIs and integrations - Understanding JSON and REST	Tool: Postman
20	Industry-Specific BSA Knowledge	- Analysing industry-specific requirements (e.g., healthcare, finance, retail)	Deliverable: Sample industry-specific analysis
21	Agile Project Simulations	- Working in Agile teams - Managing sprint cycles	Deliverable: Sprint backlog and demo
22	Capstone Preparation	- Selecting a real-world business case - Project planning and defining scope	Deliverable: Capstone proposal
23	Capstone Project Development	- Eliciting and documenting requirements - Process modeling and stakeholder analysis	Deliverable: Completed BRD, process models, dashboards
24	Capstone Presentation	- Presenting capstone findings	Deliverable: Final project report
25-36	Live Project Exposure	3 Months Live Project Exposure	