

## Career Pathway\* for Actuarial Science and Business Analysis

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Core 40 Courses	Core 40 Courses	Core 40 Courses	Core 40 Courses
English 9 Algebra I Biology Physical Education Health / Computer ***	English 10 Geometry Chemistry or Physics World History <b>Career Academic Sequence (chosen from below)</b>	English 11 Algebra II Additional Science US History <b>Career Academic Sequence (chosen from below)</b>	English 12 Govt /Econ <b>Career Academic Sequence (chosen from below)</b>
Core 40 with Academic Honors	Core 40 with Academic Honors	Core 40 with Academic Honors	Core 40 with Academic Honors
World Language I	World Language II	World Language III	Additional Math Additional Science Fine Arts ****
Electives Chosen From Below	Electives Chosen From Below	Electives Chosen From Below	Electives Chosen From Below

### RECOMMENDED COURSES FOR THE "CAREER ACADEMIC SEQUENCE" AND ELECTIVES

Highly Recommended One-Credit Courses	Highly Recommended Multi-Credit Career/Technical Courses	Other Recommended Courses and Experiences
Accounting I** (2 credit) Accounting II** (2 credit) Business College Level** Business and Personal Law Entrepreneurship Probability and Statistics** Personal Finance <i>Computer Applications and Digital Communication Tools OR the Business Middle School standards are prerequisites for the Actuarial Science and Business Analysis Career Pathway.</i>	<i>Business</i> Business Management and Finance** Business Cooperative Experiences OR Professional Career Internship**	<i>Business</i> Career Planning and Success Skills Digital Communication Tools Computer Applications Advanced Business Management Technical Business Communication International Business <i>Math</i> Discrete Math <i>Social Studies</i> Psychology <i>FACS</i> Interpersonal Relationships

\* Schools may choose to recommend that courses be taken in different years than indicated in this career pathway.

\*\* Strongly recommended course for this career pathway

\*\*\* The computer course is required for students working toward the Indiana Minimum Diploma but is expected for All BMIT Pathways.

\*\*\*\* The fourth year of world language may be taken as an elective

Occupations Related to this Pathway	Level of Education Required						
	High School	On-the-Job Training	Apprenticeship Program	Proprietary School (Postsecondary Career School)	Community College	4-yr College	Advanced College Degree
Actuary						X	
Budget or Business Analyst						X	
Business Consultant						X	
Insurance Underwriters						X	
Marketing or Political Analyst						X	
Price Analyst						X	
Research Analyst						X	
Statisticians						X	