New Program Proposal

Date Submitted: 03/20/23 6:18 pm

Viewing: BS-EDSC: Bachelor of Science in **Economics and Data Science**

Last edit: 03/22/23 5:59 pm

Changes proposed by: rcalia

Program Status Active

Requestor Name Roland Calia E-mail

rcalia@stuart.iit.edu

Origination Date 2023-3-20

Is this an No

interdisciplinary

program?

Academic Unit **Business Administration** Stuart School of Business

College

Program Title

Bachelor of Science in Economics and Data Science

2023 - 2024 Effective Academic **Effective Term**

Year Fall 2023

Academic Level Undergraduate

Program Type Degree

Degree Type

Bachelor of Science (BS)

CIP Code

In Workflow

- 1. SB Associate Dean
- 2. Academic Affairs
- 3. Undergraduate **Academic Affairs**
- 4. Director of **Assessment**
- 5. SB Dean
- 6. Marketing and Communications
- 7. Undergraduate Studies Committee Chair
- 8. Faculty Council Chair
- 9. Faculty Council Chair
- 10. Provost
- 11. President
- 12. Board of Trustees
- 13. Academic Affairs

Approval Path

- 1. 03/20/23 9:01 pm M Krishna Erramilli (krish): Approved for SB Associate Dean
- 2. 03/22/23 6:18 pm Patty Johnson Winston (winston): Approved for **Academic Affairs**
- 3. 03/23/23 10:33 am Joseph Gorzkowski (jgorzkow): Approved for Undergraduate **Academic Affairs**
- 4. 03/24/23 3:07 pm Lauren Woods (lwoods1): Approved for

Director of
Assessment
5. 03/24/23 3:15 pm
Liad Wagman
(lwagman):
Approved for SB
Dean

45.0603 - Econometrics and Quantitative Economics.

Is there more than one Academic Unit proposer?

No

Program Code BS-EDSC

Program Attribute

Total Program 126

Credit Hours

Program Narrative and Justification

Narrative description of how the institution determined the need for the program. For example, describe what need this program will address and how the institution became aware of that need. If the program is replacing a current program(s), identify the current program(s) that is being replaced by the new program(s) and provide details describing the benefits of the new program(s). If the program will be offered in connection with, or in response to, an initative by a governmental entity, provide details of that initiative.

This program is part of the undergraduate program incubator. See https://docs.google.com/document/d/1e5Mlgsk_Fh4CJgkSBxhUjW--KqFrzZa3QMAYNd8uDO0/edit

The Bachelor of Science in Economics and Data Science degree focuses on applying data science concepts in the economics domain. Through the study of economics, students learn how the design of platforms shapes incentives, drives behavior, and determine social and economic outcomes including equity and efficiency. Coursework in data science teaches students how to manage, manipulate, and parse data to extract knowledge and insight. Data science graduates with a grounding in economics can use computational techniques to gain valuable insights from data to predict trends, solve business challenges, and help businesses make more efficient decisions.

Narrative description of how the program was designed to meet local market needs, or for an online program, regional or national market needs. For example, indicate if Bureau of Labor Statistics data or State labor data systems information was used, and/or if State, regional, or local workforce agencies were consulted. Include how the course content, program length, academic level, admission requirements, and prerequisites were decided; including information received from potential employers about course content; and information regarding the target students and employers.

The Bachelor of Science in Economics and Data Science was developed by the Stuart School of Business faculty in consultation with the faculty and leadership of the Department of Data Science in the College of Computing as as well as industry experts and practitioners.

Narrative description of any wage analysis the institution may have performed, including any consideration of Bureau of Labor Statistics wage data related to the new program.

A Bachelor of Science in Economics and Data Science degree can provide an excellent preparation for private sector job markets, particular in the technology sector. Students with this degree have a relatively high median salary of approximately \$100,00 according to the Bureau of Labor Statistics. The job outlook is excellent, with job growth projected to increase by 36% over the next 10 years for data science analysts. See https://www.bls.gov/ooh/math/data-scientists.htm

Narrative description of how the program was reviewed or approved by, or developed in conjunction with, one or more of the following: a) business advisory committees; b) program integrity boards; c) public or private oversight or regulatory agencies (not including the state licensing/authorization agency and accrediting agency); and d) businesses that would likely employ graduates of the program. For example, describe the steps taken to develop the program, identify when and with whom discussions were held, provide relevant details of any proposals or correspondence generated, and/or describe any process used to evaluate the program.

The Bachelor of Science in Economics and Data Science was developed by the Stuart School of Business faculty in consultation with the faculty and leadership of the Department of Data Science in the College of Computing as as well as industry experts and practitioners.

What are the enrollment estimates?

	r 3 1	15
Attach Additional		

Program
Justification
Document(s)

Academic Information		
Advising		
/ daylon 18	 	

Since quality advising is a key component of good retention, graduation, and career placement, how will students be mentored? What student professional organizations will be formed? How will the department work with the Career Services office to develop industry connections?

Students will be primarily advised by the Stuart Undergraduate Program Director with the assistance of a designated advisor in the Department of Data Science.

Program Resources

Which program resources are necessary to offer this program?
Personnel Facilities

Describe the personnel requirements necessary to offer the program. Describe how and when resources will be made available to hire any additional personnel that are required.

No new personnel are required.

Describe the facilities requirements necessary to offer the program. Describe how and when resources will be made available to obtain any additional facilities that are required.

No new facilities are required.

Proposed Bulletin Entry

Admission

Requirements

The Bachelor of Science in Economics and Data Science degree focuses on applying data science concepts in the economics domain. Through the study of economics, students learn how the design of platforms shapes incentives, drives behavior, and determine social and economic outcomes including equity and efficiency. Coursework in data science teaches students how to manage, manipulate, and parse data to extract knowledge and insight. Data science graduates with a grounding in economics can use computational techniques to gain valuable insights from data to predict trends, solve business challenges, and help businesses make more efficient decisions.

Course Requirements

Economics Requ	(42)	
BUS 100	Introduction to Business and Economics	3
BUS 102	Computing Tools for Business Analysis	3
BUS 221	Business Statistics	3
BUS 321	Optimization and Decision-Making	3
BUS 480	Strategic Management and Design Thinking	3
ECON 151	Microeconomics	3
ECON 152	Macroeconomics	3

ECON 311	Intermediate Microeconomics	3
ECON 312	Intermediate Macroeconomics	3
ECON 382	Business Economics	3
ECON 423	Economics of Capital Investments	3
Economics Elective - 0	Choose three courses	9
BUS 210	Introduction to Accounting	3
BUS 211	Financial Accounting	3
BUS 212	Managerial Accounting	3
BUS 301	Organizational Behavior	3
BUS 305	Operation and Supply Chain Design	3
BUS 311	Strategic Cost Management	3
BUS 341	Business Law	3
BUS 361	Entrepreneurship	3
BUS 371	Marketing Fundamentals	3
BUS 452	International Finance	3
BUS 454	Investments	3
BUS 455	Corporate Finance	3
BUS 457	Financial Modeling	3
BUS 458	Financial Derivatives	3
BUS 472	New Product Development	3
BUS 473	Marketing Research	3
BUS 475	Sales Management	3
BUS 476	Consumer Behavior	3
ECON 383	Sports Economics	
<u>LCON 303</u>	-	
Data Science Require	·	(24)
	·	(24)
Data Science Require	d Courses	
Data Science Require DS 151	d Courses Introduction to Data Science	3
Data Science Require DS 151 ECON 251	Introduction to Data Science Introduction to Econometrics	3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra	3 3 3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics	3 3 3 3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics s - Choose four courses	3 3 3 3 12
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics s - Choose four courses Introduction to Machine Learning	3 3 3 3 12 3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics s - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I	3 3 3 3 12 3 3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251 DS 261	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics s - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I Ethics and Privacy in Data Science	3 3 3 3 12 3 3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251 DS 261 DS 351	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics s - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I Ethics and Privacy in Data Science Mathematical Foundations for Data Science II	3 3 3 3 12 3 3 3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251 DS 261 DS 351 DS 451	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics s - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I Ethics and Privacy in Data Science Mathematical Foundations for Data Science II Data Science Life Cycle	3 3 3 12 3 3 3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251 DS 261 DS 351 DS 451 MATH 350	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics s - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I Ethics and Privacy in Data Science Mathematical Foundations for Data Science II Data Science Life Cycle Introduction to Computational Mathematics	3 3 3 3 12 3 3 3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251 DS 261 DS 351 DS 451 MATH 350 MATH 435	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics s - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I Ethics and Privacy in Data Science Mathematical Foundations for Data Science II Data Science Life Cycle Introduction to Computational Mathematics Linear Optimization	3 3 3 12 3 3 3 3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251 DS 261 DS 351 DS 451 MATH 350 MATH 435 MATH 446	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics s - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I Ethics and Privacy in Data Science Mathematical Foundations for Data Science II Data Science Life Cycle Introduction to Computational Mathematics Linear Optimization Introduction to Time Series	3 3 3 3 12 3 3 3 3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251 DS 261 DS 351 DS 451 MATH 350 MATH 435 MATH 446 MATH 569	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics S - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I Ethics and Privacy in Data Science Mathematical Foundations for Data Science II Data Science Life Cycle Introduction to Computational Mathematics Linear Optimization Introduction to Time Series Statistical Learning	3 3 3 12 3 3 3 3 3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251 DS 261 DS 351 DS 451 MATH 350 MATH 435 MATH 446 MATH 569 MATH 569 MATH 574	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics S - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I Ethics and Privacy in Data Science Mathematical Foundations for Data Science II Data Science Life Cycle Introduction to Computational Mathematics Linear Optimization Introduction to Time Series Statistical Learning Bayesian Computational Statistics Research Methods in Behavioral Science	3 3 3 3 12 3 3 3 3 3 3 3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251 DS 261 DS 351 DS 451 MATH 350 MATH 435 MATH 446 MATH 569 MATH 574 PSYC 204	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics S - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I Ethics and Privacy in Data Science Mathematical Foundations for Data Science II Data Science Life Cycle Introduction to Computational Mathematics Linear Optimization Introduction to Time Series Statistical Learning Bayesian Computational Statistics Research Methods in Behavioral Science	3 3 3 12 3 3 3 3 3 3 3
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251 DS 261 DS 351 DS 451 MATH 350 MATH 435 MATH 446 MATH 569 MATH 574 PSYC 204 Mathematics Require	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics s - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I Ethics and Privacy in Data Science Mathematical Foundations for Data Science II Data Science Life Cycle Introduction to Computational Mathematics Linear Optimization Introduction to Time Series Statistical Learning Bayesian Computational Statistics Research Methods in Behavioral Science	3 3 3 3 12 3 3 3 3 3 3 3 4 (14)
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251 DS 261 DS 351 DS 451 MATH 350 MATH 435 MATH 446 MATH 569 MATH 569 MATH 574 PSYC 204 Mathematics Require MATH 151	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics S - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I Ethics and Privacy in Data Science Mathematical Foundations for Data Science II Data Science Life Cycle Introduction to Computational Mathematics Linear Optimization Introduction to Time Series Statistical Learning Bayesian Computational Statistics Research Methods in Behavioral Science	3 3 3 3 12 3 3 3 3 3 3 3 4 (14) 5
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251 DS 261 DS 351 DS 451 MATH 350 MATH 435 MATH 446 MATH 569 MATH 569 MATH 574 PSYC 204 Mathematics Require MATH 151 MATH 152	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics s - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I Ethics and Privacy in Data Science Mathematical Foundations for Data Science II Data Science Life Cycle Introduction to Computational Mathematics Linear Optimization Introduction to Time Series Statistical Learning Bayesian Computational Statistics Research Methods in Behavioral Science ements Calculus I Calculus II Multivariate and Vector Calculus	3 3 3 3 12 3 3 3 3 3 3 3 4 (14) 5
Data Science Require DS 151 ECON 251 MATH 332 MATH 474 Data Science Electives CS 484 DS 251 DS 261 DS 351 DS 451 MATH 435 MATH 435 MATH 446 MATH 569 MATH 569 MATH 574 PSYC 204 Mathematics Require MATH 151 MATH 152 MATH 251	Introduction to Data Science Introduction to Econometrics Elementary Linear Algebra Probability and Statistics s - Choose four courses Introduction to Machine Learning Mathematical Foundations for Data Science I Ethics and Privacy in Data Science Mathematical Foundations for Data Science II Data Science Life Cycle Introduction to Computational Mathematics Linear Optimization Introduction to Time Series Statistical Learning Bayesian Computational Statistics Research Methods in Behavioral Science ements Calculus I Calculus II Multivariate and Vector Calculus	3 3 3 3 12 3 3 3 3 3 3 4 (14) 5 5

CS 116 Object-Oriente	ed Programming	II	2
Natural Science and Engineering Requi	irements		(10)
See Illinois Tech Core Curriculum, secti	10		
Interprofessional Projects (IPRO)	(6)		
See Illinois Tech Core Curriculum, secti	on E		6
Humanities and Social Science Require	(26)		
See Illinois Tech Core Curriculum, secti	21		
Free Electives			5
Total Credit Hours			126
Sample			
Curriculum/Program			
Requirements			
			Year 1
Semester 1	Credit	Semester 2	Credit
	Hours		Hours
BUS 100	3	BUS 102	3
ECON 151	3	ECON 152	3
<u>CS 115</u>	2	<u>CS 116</u>	2
Humanities Elective (200 Level)	3	MATH 152	5
MATH 151	5	Science Elective	4
	16	3.0	17
	10		Year 2
Semester 1	Credit	Semester 2	Credit
Jennester 1	Hours	Semester 2	Hours
BUS 321	3	BUS 221	3
ECON 311	3	ECON 312	3
DS 151	3	MATH 332	3
MATH 251	4	Humanities Elective (300+)	3
Science Elective	3	Science Elective	3
Science Elective	16	Science Elective	5 15
	10		
Carracker 4	C!:+	Carra antara 2	Year 3
Semester 1	Credit	Semester 2	Credit
ECON 254	Hours	FCON 202	Hours
ECON 251	3	ECON 382	3
MATH 474	3	Economics Elective	3
Data Science Elective	3	Data Science Elective	3
Humanities Elective (300+)	3	IPRO Elective I	3
Social Science Elective	3	Free Elective	3
	15		15
6	6 1		Year 4
Semester 1	Credit	Semester 2	Credit
	Hours	DUG 100	Hours
ECON 423	3	BUS 480	3
Economics Elective	3	Economics Elective	3
Data Science Elective	3	Data Science Elective	3
IPRO Elective II	3	Humanities or Social Science Elective	3

Social Science Elective (300+) 3 Social Science Elective (300+) 3
Free Elective 2
17 15

Total Credit Hours: 126

Specialization Requirements

Program Outcomes and Assessment Process

What are the learning goals for this program?

Learning goal	Courses/student work used to assess achievement of this goal
SSB Common Goal 1 a: Oral Communications Skills Students will prepare and deliver oral presentations that are well-structured, technically competent and make good use of aids to support evidence-driven conclusions. SSB Common Goal 1 b: Written Communications Skills Students will prepare documents in text-based media that are clear, accurate, and appropriate for the intended audience	BUS 305
SSB Common Goal 2: Critical Thinking Skills Students will analyze and critique presented arguments as well as develop well-reasoned arguments that are supported by arguments	BUS 480
BSBA Analytical Skills - Graduates will possess the analytical skills to support business decision making.	ECON 382
BE Application of Business Principles	BUS 321
DS Assess and Analyze Data	DS 151

In what semesters will the data be collected to assess this learning goal, and by whom?

Each semester in which program courses are offered.

Provide the name of the rubric that will be used to assess the extent to which students are achieving this learning goal.

See above

How often and by whom will the data be analyzed? What benchmarks or targets will be used to interpret your results?

Each semester. The data will be analyzed by assigned faculty evaluators. Benchmarks are set by faculty.

Briefly describe the process that will be used to share the results with faculty and use these to motivate program improvement.

The Program Director meets with faculty on a regular basis to evaluate results of evaluations and to develop improvement programs. Students have access to IIT Career Center as well as Stuart Career Management Center services.

Attach Additional Assessment

Document(s)

Data Science Assess and Analyze Data.docx

Application of Business Principles.xlsx

BUS Analytical Skills.xlsx

<u>SSBCommonCriticalThinkingFinal.xls</u>

SSBCommonCommunication Final.xls

Undergraduate Program Requirements

Undergraduate Degree Requirements

Minimum credit

126

hours

Specialization required? No Minor required? No **Proposed General Curriculum** List Major Course Requirements **Economics Required Courses** Introduction to Business and Economics **BUS 100** 3 3 BUS 102 Computing Tools for Business Analysis **BUS 221 Business Statistics** 3 BUS 321 3 Optimization and Decision-Making **BUS 480** Strategic Management and Design Thinking 3 ECON 151 Microeconomics 3 3 Macroeconomics ECON 152 Intermediate Microeconomics 3 **ECON 311 ECON 312** Intermediate Macroeconomics 3 **ECON 382 Business Economics** 3 ECON 423 **Economics of Capital Investments** 3 Data Science Required Courses DS 151 Introduction to Data Science 3 Introduction to Econometrics 3 **ECON 251 MATH 332** Elementary Linear Algebra 3 MATH 474 3 **Probability and Statistics** Total Credit Hours 45 List Mathematics Requirements Mathematics Requirements MATH 151 Calculus L 5 5 MATH 152 Calculus II MATH 251 Multivariate and Vector Calculus **Total Credit Hours** 14 List Science Requirements Natural Science and Engineering Requirements See Illinois Tech Core Curriculum, section D 10 **Total Credit Hours** 10 List Computer Science Requirements Computer Science Requirements **CS 115** Object-Oriented Programming I 2

CS 116 Total Credit Hours	Object-Oriented Programming II	2 4
List Humanities a Social Sciences Requirements	and	
	ocial Science Requirements	
See Illinois Tech Co	ore Curriculum, section B and C	21
Total Credit Hours		21
List		
Interprofessiona		
Project (IPRO)		
Requirements Interprofessional	Projects (IPRO)	
	ore Curriculum, section E	6
Total Credit Hours		6
List Technical		
Elective Course		
Options		
Economics Elective	es - Choose three courses	9
BUS 210	Introduction to Accounting	3
BUS 211	Financial Accounting	3
BUS 212	Managerial Accounting	3
BUS 301	Organizational Behavior	3
BUS 302 BUS 305	The Business of Sports Operation and Supply Chain Design	3
BUS 311	Strategic Cost Management	3
BUS 341	Business Law	3
BUS 361	Entrepreneurship	3
BUS 371	Marketing Fundamentals	3
BUS 452	International Finance	3
BUS 454	Investments	3
BUS 458	Financial Derivatives	3
BUS 472	New Product Development	3
BUS 473 BUS 475	Marketing Research Sales Management	3
BUS 476	Consumer Behavior	3
BUS 455	Corporate Finance	3
	ives - Choose 4 courses	12
<u>CS 484</u>	Introduction to Machine Learning	
DS 251	Mathematical Foundations for Data Science I	
DS 261	Ethics and Privacy in Data Science	
DS 351	Mathematical Foundations for Data Science II	
DS 451	Data Science Life Cycle	3
MATH 350 MATH 435	Introduction to Computational Mathematics Linear Optimization	3
MATH 446	Introduction to Time Series	3
(111 110		5

MATH 569 MATH 574 PSYC 204 Total Credit Hours	Statistical Learning Bayesian Computation Research Methods in			3 3 4 21
List Free Elective Credit Hours (if applicable) Semester-by- semester plan of study for the degree program	5			
Semester 1		Credit	Semester 2	Year 1 Credit
BUS 100 ECON 151 CS 115 Humanities Elective (20 MATH 151	00 Level)	Hours 3 3 2 3 5	BUS 102 ECON 152 CS 116 MATH 152 Science Elective	Hours 3 3 2 5 4 17
Semester 1		Credit Hours	Semester 2	Year 2 Credit Hours
BUS 321 ECON 311		3	BUS 221 ECON 312	3
DS 151		3	MATH 332	3
MATH 251		4	Humanities Elective (300+)	3
Science Elective		3 16	Science Elective	3 15 Year 3
Semester 1		Credit Hours	Semester 2	Credit Hours
ECON 251		3	ECON 382	3
MATH 474		3	Economics Elective	3
Data Science Elective		3	Data Science Elective	3
Humanities Elective (30	00+)	3	IPRO Elective I	3
Social Science Elective		3	Free Elective	3
		15		15
				Year 4
Semester 1		Credit	Semester 2	Credit
		Hours		Hours
ECON 423		3	BUS 480	3
Economics Elective		3	Economics Elective	3
Data Science Elective		3	Data Science Elective	3
IPRO Elective II		3	Humanities or Social Science Elective	3

Social Science Elective (300+)	3	Social Science Elective (300+)	3
Free Elective	2		
	17		15
Total Credit Hours: 126			

Reviewer Comments

Key: 616