

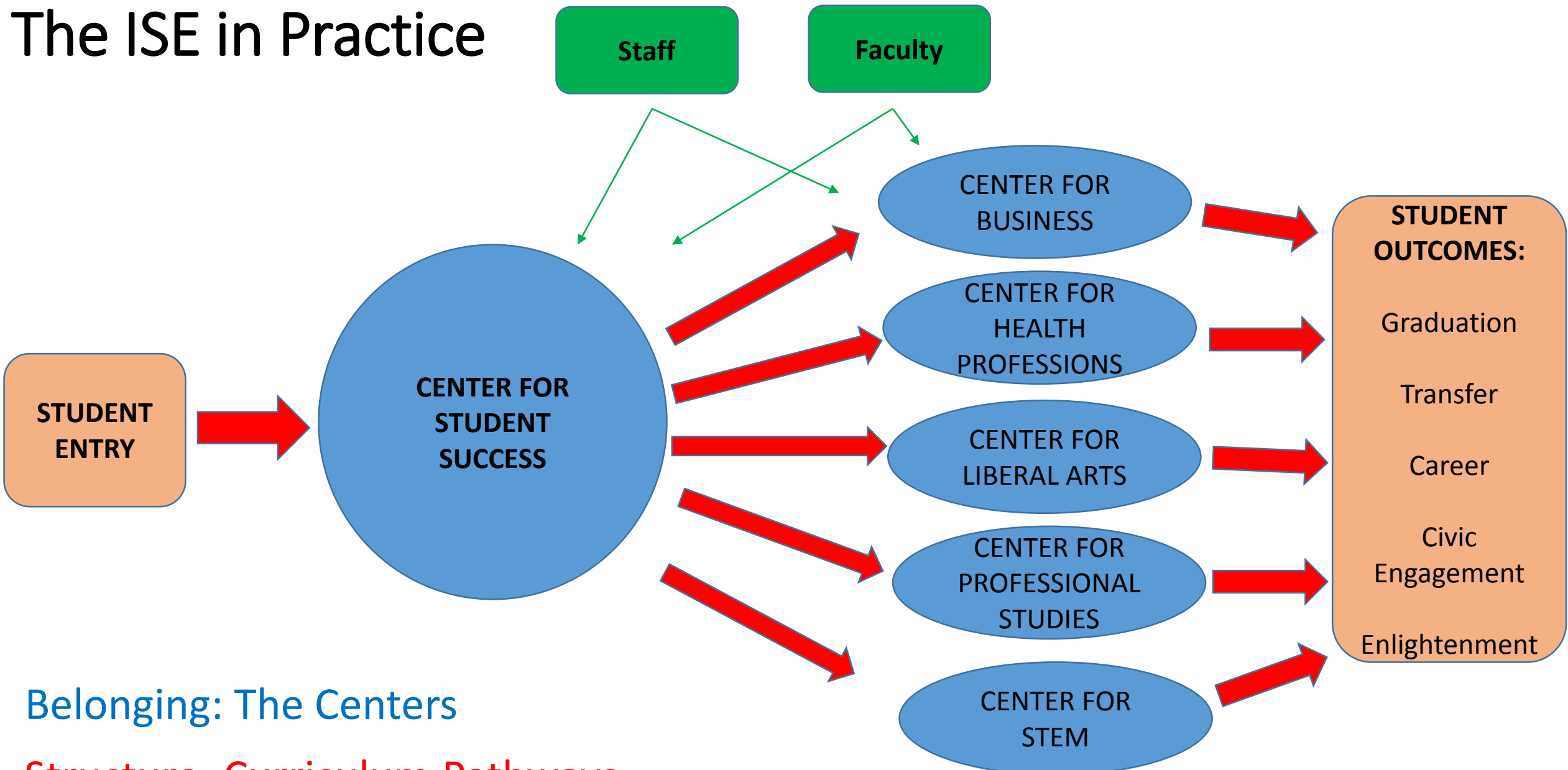
INTEGRATED STUDENT EXPERIENCE (ISE) 101

Convocation: January 16, 2018

Integrated Student Experience Fundamentals

- Why the ISE?
 - It will help more students reach their goals, which is our mission
 - It will help us address other challenges: enrollment, budget
- But what is the ISE?
 - Increase the student **sense of belonging**: promotes resilience
 - Introduce more **structure**: helps students stay on the path
 - Enhance **integration**
 - For students that means a more **holistic** experience
 - For the institution that means **cross-functionality**

The ISE in Practice



Belonging: The Centers

Structure: Curriculum Pathways

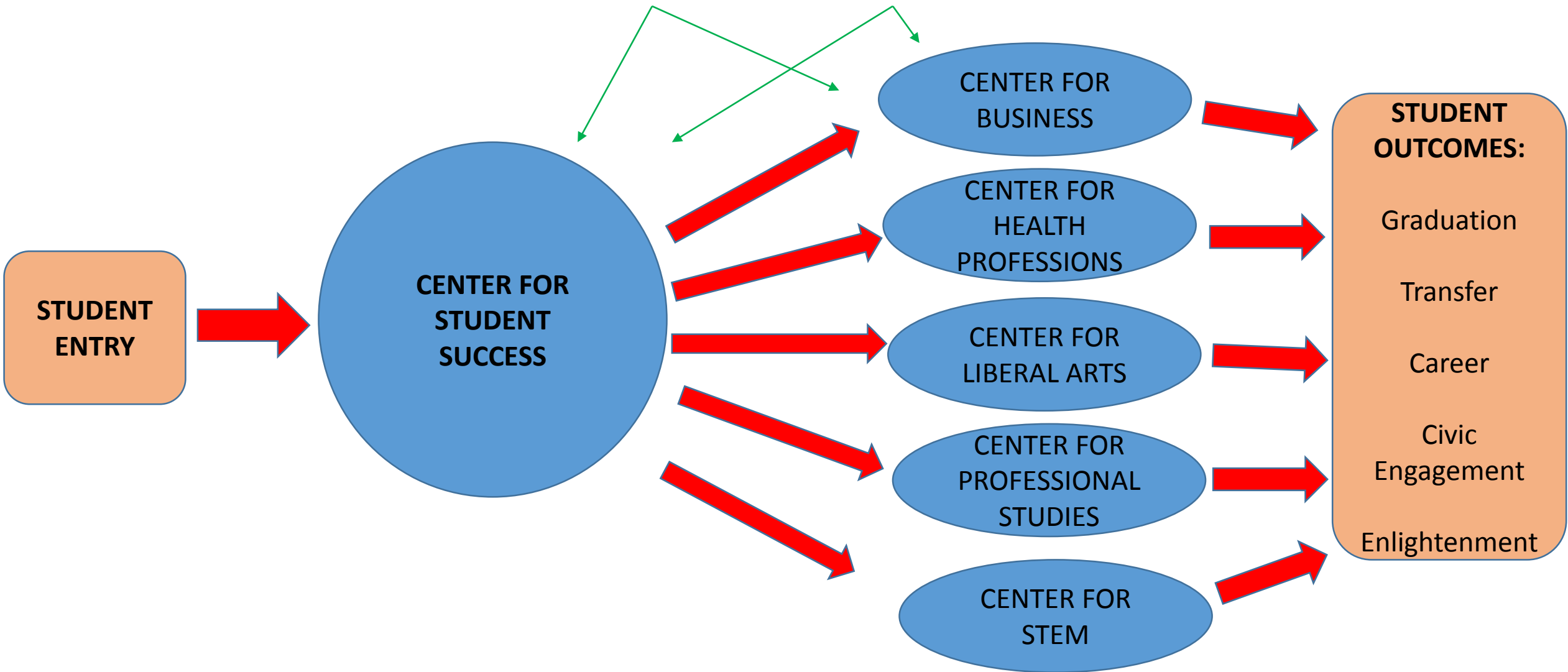
Integration: Cross-Functionality

Integrated Student Experience: The Movie!

https://youtu.be/iWF_SeZoykA

The ISE in Practice

Staff **Faculty**



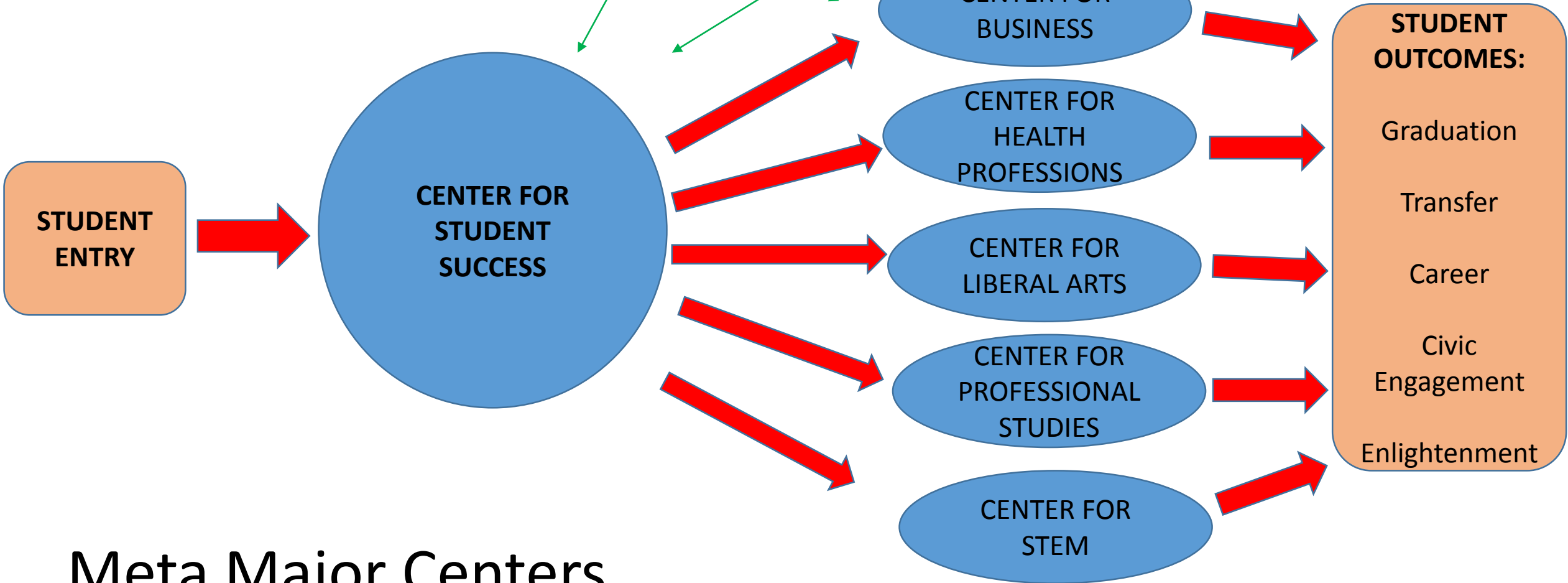
Centers for Student Success

Centers for Student Success

- A “first home” for students as they arrive
- Academic and career goal setting
- Headquarters for *all* Student Support Services
- Student Life and Leadership

The ISE in Practice

Staff **Faculty**

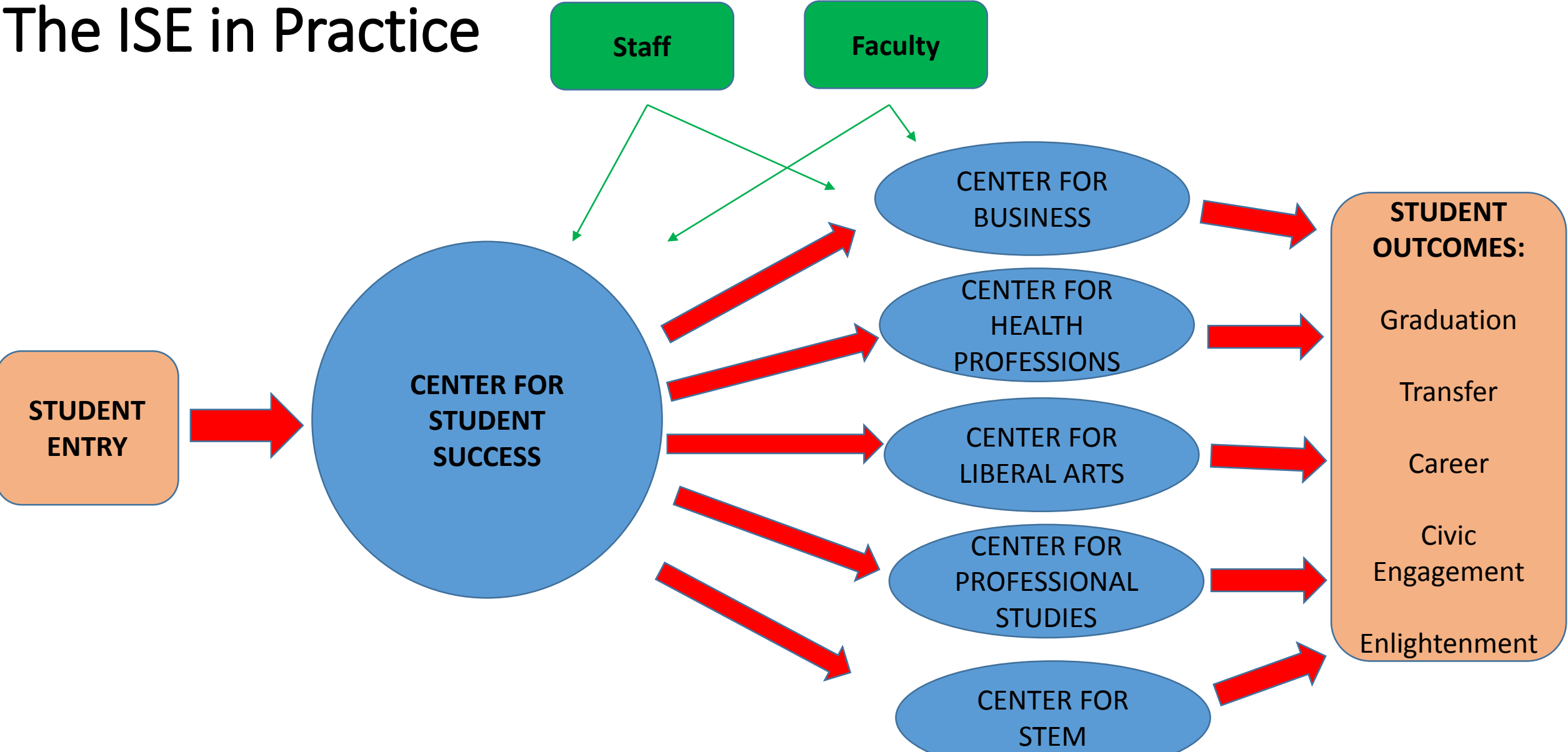


Meta Major Centers

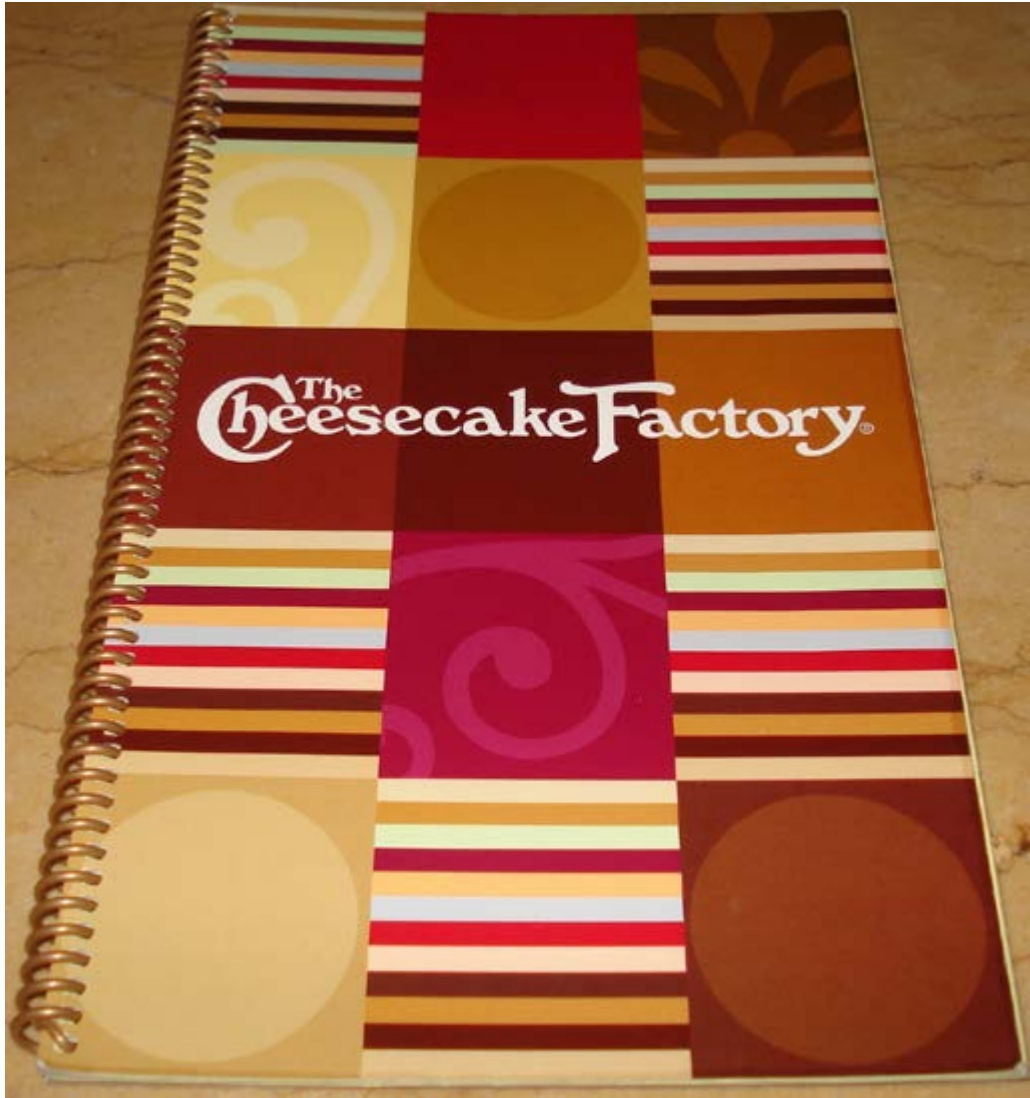
Meta Major Center

- Becomes students' "permanent home" once they have chosen at least a broad path
- Helps students further hone their plans by picking a specific program
- Place for student support in the discipline area, faculty office hours, tutoring, etc.
- Place for academic advising for these students; FA, other services do "drop ins"
- Place for outside speakers, social events, study groups: cohort building

The ISE in Practice



Curriculum Pathways



200 menu items

Appetizers

Pizza

Salads

Pastas

Specialities

Fish & seafood

Steaks & chops

Burgers

Sandwiches

Cheesecake

Desserts

Drinks

Northern Essex Community College offers over 60 associate degrees and certificates in a wide variety of program areas. These programs are listed below, categorized within 14 Areas of Study.

General Studies: Art
Business
Accounting
Business Management
Business Management: Computer Applications
Business Management: Healthcare Practice
Business Management: Hospitality
Business Transfer
Communication Arts
Liberal Arts: Journalism and Communication
Liberal Arts: Writing
Computer & Information Science
Computer & Information Sciences: Applications
Computer & Information Sciences: Information Technology
Computer & Information Sciences: Transfer
Computer Networking
Computer Security
Help Desk
Web Design
Criminal Justice
Criminal Justice: Private & Public Safety (Accelerated)
Law Enforcement
Deaf Studies
Deaf Studies: Associate Degree
Deaf Studies: Interpreting Transfer
Deaf Studies: Certificate
Early Childhood Education
Elementary Education
Liberal Arts: Middle/High School Teaching
General Studies: Art
General Studies: Health Specialization – iHealth
General Studies: Individualized

General Studies: Movement Science
General Studies: Music
Business Management: Healthcare Practice
General Studies: Health Specialization – iHealth
General Studies: Movement Science
Nursing (ADN)
Nursing Advanced Placement: LPN to RN
Paramedic Technology
Public Health – iHealth
Radiologic Technology
Respiratory Care
Clinical Research Coordinator Advanced – iHealth
Community Health Worker – iHealth
Computed Tomography Advanced
Dental Assisting
Healthcare Technician – iHealth
Medical Assistant – Day Program
Medical Assistant – iHealth
Medical Billing – iHealth
Medical Coding – iHealth
Medical Office Assistant – iHealth
Paramedic (EMT-P) Technology
Practical Nursing
Sleep Technologist
Special Courses
EMT- Basic Course
Human Services
Alcohol/Drug Abuse Counseling
Community Support Human Services Practitioner
Direct Support
Liberal Arts
Liberal Arts

Liberal Arts: Journalism/Communication
Liberal Arts: Middle/High School Teaching
Liberal Arts: Philosophy
Liberal Arts: Physical Sciences
Liberal Arts: Psychology
Liberal Arts: Writing
Performing Arts
General Studies: Music
Certificates
Music Technology
Science
Associate in Science
Biology
Associate of Applied Science
Laboratory Science
Associate in Arts
Liberal Arts: Physical Science
Technology & Engineering
Engineering Science
Engineering Science: Advanced Manufacturing Precision Machining
Engineering Science: Technology
Advanced Manufacturing Precision Machining
Computer Aided Drafting
Electronic Equipment Technology
Test B Electronic Equipment Technology – Raytheon

Recommended Course Sequence Business Management Associate Degree

Year 1

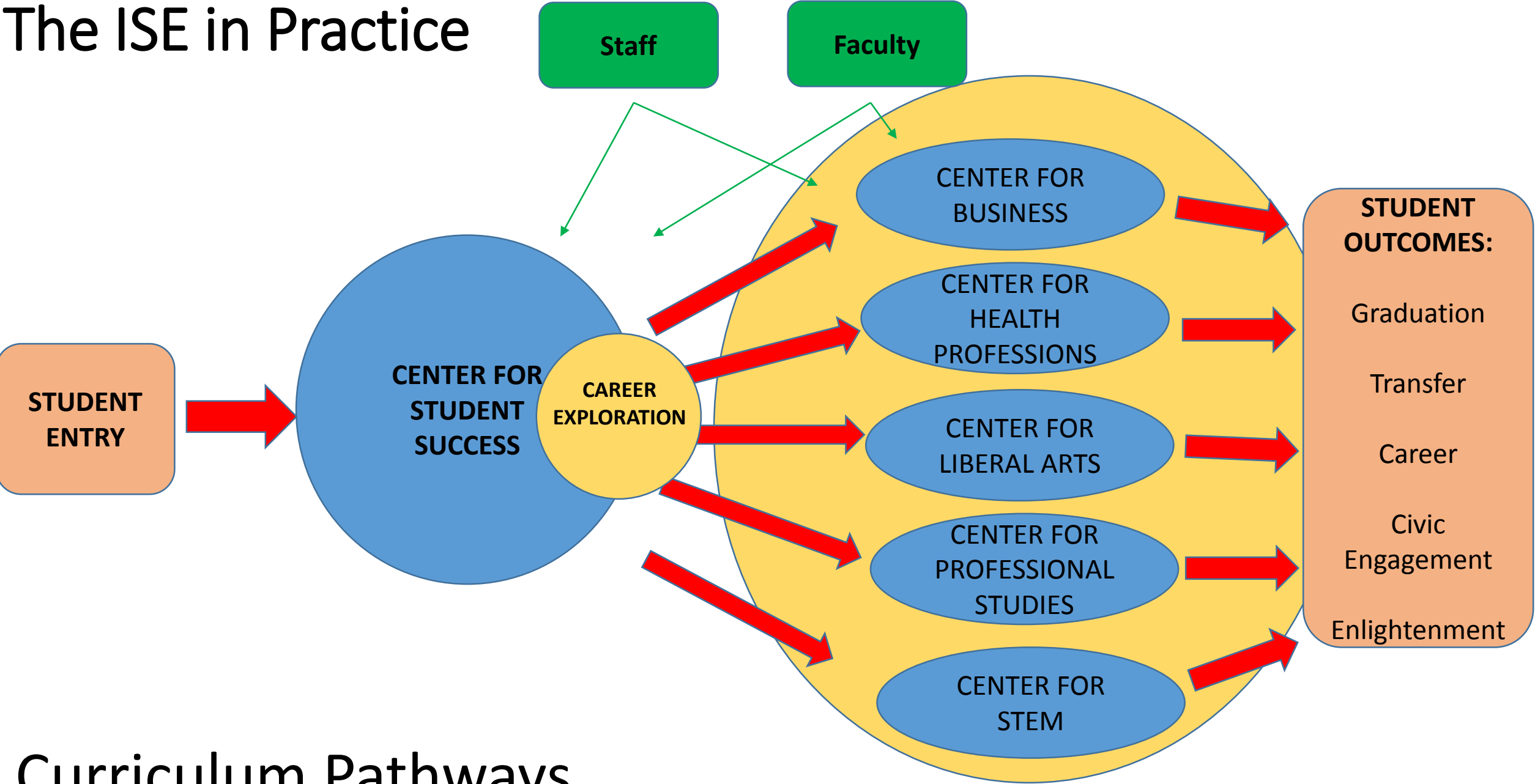
Fall

Course	Title	Credits
ACC101	Introductory Accounting I	3
BUS101	Introduction to Business	3
ENG101	English Composition I	3
MAT120-299	Math Elective	3-4
PSY101	Introduction to Psychology	3
	OR	
SOC101	Introduction to Sociology	3

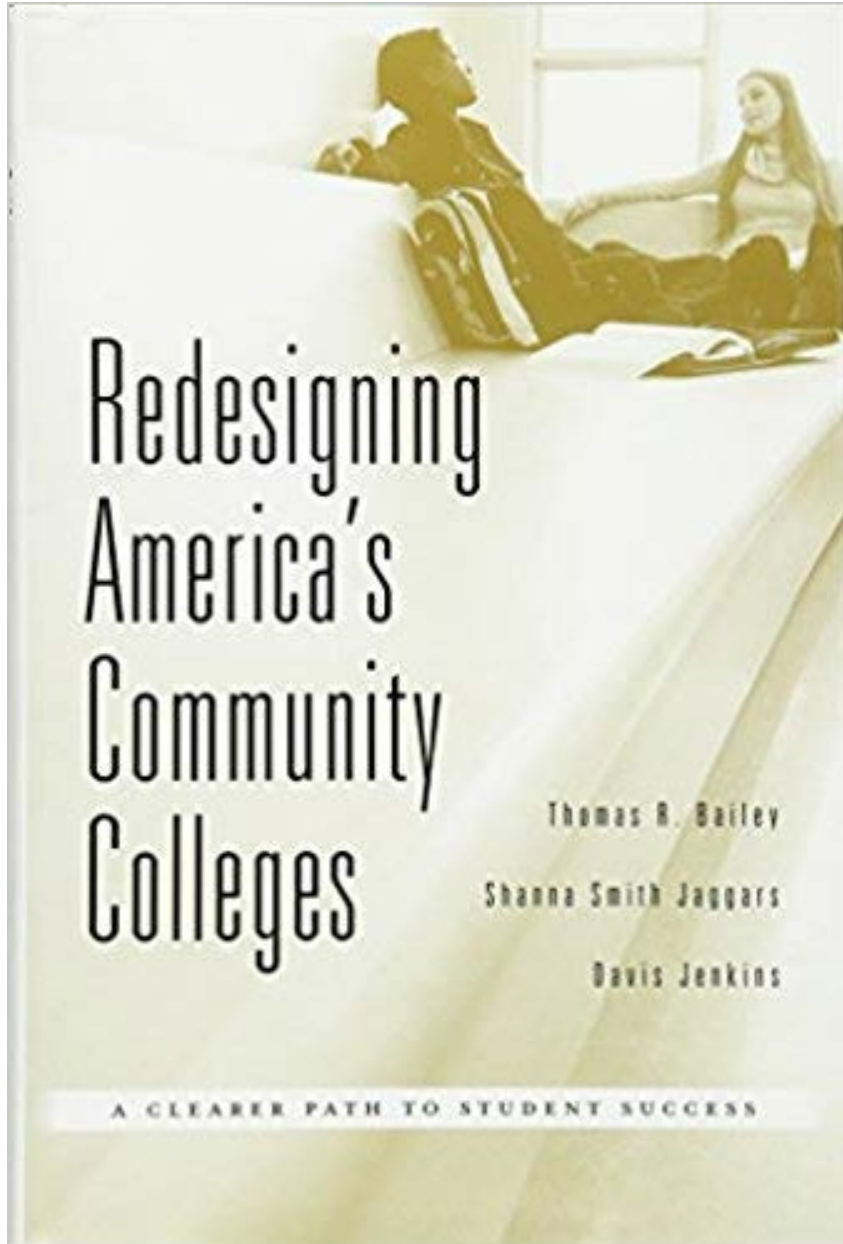
Spring

Course	Title	Credits
ACC102	Introductory Accounting II	3
CIS110	Computer Applications	3
ENG102	English Composition II	3
MAT120-299	Math Elective	3-4

The ISE in Practice





Curriculum Pathways



- 1. Clearly mapped pathways to student goals.**
 - Structured with some flexibility
 - Course requirements, including electives
 - Course sequencing
 - Identify milestone courses
 - Co-curricular requirements
 - Career and transfer opportunities
- 2. Intensive student supports to keep students on the path**
 - Academic plans
 - Faculty & professional advisors monitor plans
 - Group advising by discipline/program
 - Default, predictable schedules
- 3. Learning outcomes assessment is used to improve programs and student learning**
 - Assessment of learning outcomes in curricular and co-curricular

Faculty-Created Pathways

 					
PATHWAY FOR ASSOCIATE'S DEGREE IN LABORATORY SCIENCE – BIOTECHNOLOGY CONCENTRATION					
COURSE NUMBER	COURSE TITLE	CREDITS	MILESTONE COURSE	SEMESTER OFFERED	DOES THIS COURSE HAVE PREREQUISITES?
YEAR 1 - FALL SEMESTER					
CIS 110	Computer Applications	3			
ENG 101	English Composition I	3			
FYS 101	First Year Seminar	3			
SCI 100	Basic laboratory Calculations	1	Yes	Fall Only	
SCI105	Integrated Science I	4	Yes	Fall Only	Yes
YEAR 1 – SPRING SEMESTER					
CHM 121	General Chemistry I	4			Yes
MAT 115-129	Math Elective	3-4			
SCI 106	Integrated Science II	4	Yes	Spring Only	
ELECTIVE	Elective	3-4			
YEAR 2 - FALL SEMESTER					
CHM 201	Introduction to Organic and Biochemistry	4	Yes	Fall Only	Yes
CHM 203	Instrumental Analysis	4	Yes	Fall Only	Yes
	Elective	3-4			
MAT 125	Statistics	4			Yes
YEAR 2 – SPRING SEMESTER					
BIO 230	Cell Biology	4		Spring only	Yes
BIO 280	Research Seminar in Biotechnology	1	Yes	Spring Only	Yes
SCI 281	Research Experience Laboratory	1	Yes	Spring Only	Yes
	Elective	3-4			
YEAR 2 – SUMMER SEMESTER					
SCI 291	Externship in Laboratory Sciences	3	Yes		Yes
and	Elective	3			
OR					
SC 1292	Externship in Laboratory Sciences	6	Yes		Yes
HELPFUL HINTS You must complete MAT021 before entering the Lab Science Program One of your electives should be Global Awareness intensive (such as ANT101, GEO101, or HIS111) If you are planning to transfer, consider taking the following courses as electives: ENG102, CHM122, CHM221, CHM222, BIO121, BIO122 or BIO220					
CAREER AND TRANSFER INFORMATION If you graduate this program with a 3.0 or better, and also take Anatomy and Physiology and Organic Chemistry you will be guaranteed acceptance into the Clinical Sciences program at UMass Lowell as a junior Career outlook information for this program can be found here: https://www.bls.gov/ooh/life-physical-and-social-science/chemical-technicians.htm Chemical technicians use sophisticated equipment to research and develop new products and processes. They often work in chemical manufacturing or the pharmaceutical industry.					

PATHWAY FOR ASSOCIATE'S DEGREE IN LABORATORY SCIENCE – BIOTECHNOLOGY CONCENTRATION

COURSE NUMBER	COURSE TITLE	CREDITS	MILESTONE COURSE	SEMESTER OFFERED	DOES THIS COURSE HAVE PREREQUISITES?
YEAR 1 - FALL SEMESTER					
CIS 110	Computer Applications	3			
ENG 101	English Composition I	3			
FYS 101	First Year Seminar	3			
SCI 100	Basic laboratory Calculations	1	Yes	Fall Only	
SCI105	Integrated Science I	4	Yes	Fall Only	Yes
YEAR 1 – SPRING SEMESTER					
CHM 121	General Chemistry I	4			YES
MAT 115-129	Math Elective	3-4			
SCI 106	Integrated Science II	4	YES	Spring Only	
ELECTIVE	Elective	3-4			
YEAR 2 - FALL SEMESTER					
CHM 201	Introduction to Organic and Biochemistry	4	Yes	Fall Only	Yes
CHM 203	Instrumental Analysis	4	Yes	Fall Only	Yes
	Elective	3-4			
MAT 125	Statistics	4			Yes
YEAR 2 – SPRING SEMESTER					
BIO 230	Cell Biology	4		Spring only	Yes
BIO 280	Research Seminar in Biotechnology	1	Yes	Spring Only	Yes
SCI 281	Research Experience Laboratory	1	Yes	Spring Only	Yes
	Elective	3-4			
YEAR 2 – SUMMER SEMESTER					
SCI 291	Externship in Laboratory Sciences	3	Yes		Yes
and OR	Elective	3			
SC I292	Externship in Laboratory Sciences	6	Yes		Yes

HELPFUL HINTS

You must complete MAT021 before entering the Lab Science Program

One of your electives should be Global Awareness intensive (such as ANT101, GEO101, or HIS111)

If you are planning to transfer, consider taking the following courses as electives: ENG102, CHM122, CHM221, CHM222, BIO121, BIO122 or BIO220

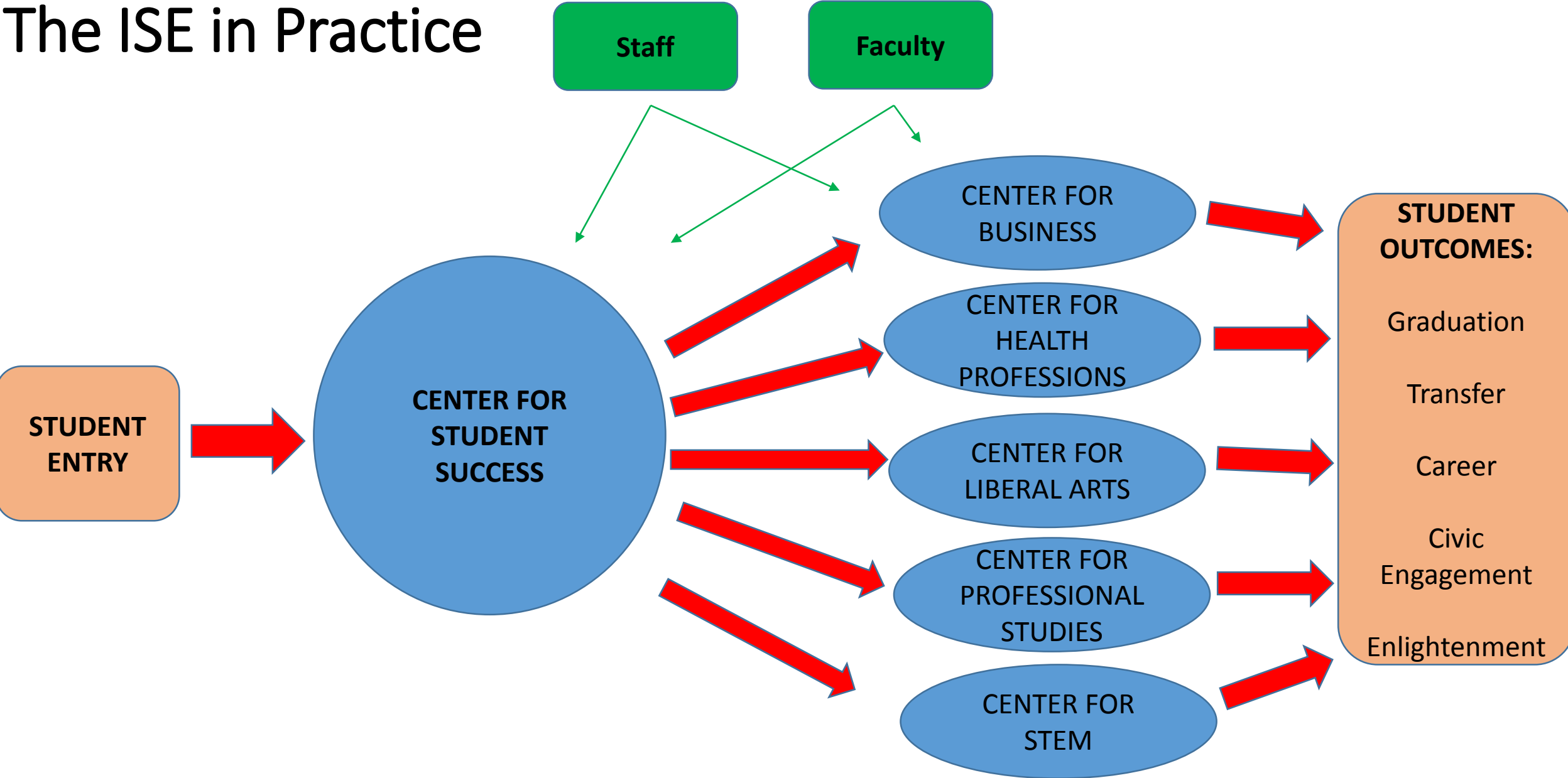
CAREER AND TRANSFER INFORMATION

If you graduate this program with a 3.5 or better, and also take Anatomy and Physiology and Organic Chemistry you will be guaranteed acceptance into the Clinical Sciences program at UMass Lowell as a junior

Career outlook information for this program can be found here: <https://www.bls.gov/ooh/life-physical-and-social-science/chemical-technicians.htm>

Chemical technicians use sophisticated equipment to research and develop new products and processes. They often work in chemical manufacturing or the pharmaceutical industry.

The ISE in Practice



Integration and Cross-Functionality

Integration and Cross-Functionality

- Faculty in the Centers for Students Success: Academic Preparation
- Staff in the Meta Major Centers: Advising, Financial Aid, Career Services, drop ins, etc.
- Develop personal relationships among employees to better serve students
- Less silo thinking: more attention from everyone to whole student journey

Implementation Schedule of Selected Elements of the AMP: A Rough Draft

	Spring/Summer 2018	Fall 2018	Spring/Summer 2019	Fall 2019
Curriculum Pathways	Programs begin work; create Undeclared major	Programs complete work by end of semester; some pathways available for use by students/advisors?	All pathways available for use by students/advisors	
Centers for Student Success	Planning, implementation for Fall 2018 launch of Haverhill Center and some "Hub Services" in Lawrence (Law CPAC space provides bare bones Centre activities, including advising)	Haverhill Center up and running (including at least some Academic Prep faculty working there); some Lawrence Center Services up and running		Full Lawrence Center up and running
Advising	Planning, implementation of new advising approach for new Fall 2018 students: this includes advising training for faculty in Meta Major Centers and preparation of career exploration services	All new students are advised under new ISE approach in Centers for Student Success: those that know what they want are assigned to a Meta Major Center for spring advising by 11/18; Center for Business experiments with advising some existing students while all other existing students are advised under the old system	Planning, implementation for new advising approach for ALL students for Fall 2019	All students are advised under the new ISE approach in all Centers for Student Success and Meta Major Centers
Meta Major Centers	Center for Business continues experimenting with services; budgeting, planning, implementation for Fall 2018 launch of at	Business Center expands services; STEM and Liberal Arts Centers launch with basic services in Haverhill; Health Center services	Business, STEM, Liberal Arts, and Health Center services continue; planning, budgeting, implementation for	Business, STEM, Liberal Arts MMCs offer full services; Health and Professional Studies open

Questions?

