PATHWAY PLANNER©

Two Year Plan

START YOUR JOURNEY

Your ***PATHWAY PLANNER*** is a reflection tool and a personalized guide to building professional skills that align with your major and career goals.

NAME: Cy

MAJOR(S): Biology

MINOR/CERTIFICATE: Environmental Science

MICRO-CREDENTIALS: Designing Career Success, Creative Confidence for Innovation, Leading With Strengths, Career Pathways: Scientific Research

STEP 1

Sign up to be added to our Canvas

STEP 2

Map out two years of the planner

STEP 3

Complete all tasks in the module

TURN IN YOUR PLANNER ON OUR CANVAS PAGE TO RECEIVE A *DIGITAL BADGE* FOR YOUR LINKEDIN

FIND US

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IOWA STATE UNIVERSITY™
College of Agriculture and Life Sciences

PATHWAYS
INNOVATION + LEADERSHIP

*ADAPTED FROM THE IKIGAI FRAMEWORK

START!

WHAT ARE YOUR TOP 5 CORE VALUES?:

TRY TO THINK BEYOND FAMILY AND FRIENDS.

NEED HELP?

PERSONALVALU.ES/

- Family
- Resilience
- Hard Work
- Creativity
- Service

LIST YOUR TOP 5 CLIFTON STRENGTHS:

- Consistency
- Includer
- Relator
- Intellection
- Focus

THESE ARE WHAT YOU'RE *REALLY* GOOD AT!

LEARN MORE

(PATHWAYS WORKSHOPS)

LIST YOUR CREATIVE TYPE:

The Luminary

WHAT POSITIVE IMPACT DO YOU WANT TO HAVE?

- Finding new solutions to environmental conservation issues
- Giving back to local community organizations
- Encouraging high school students to pursue research opportunities
- Building strong relationships with other peers in Biology
- Getting involved in a campus service club

WHAT ARE CAREER REWARDS YOU ARE SEEKING? THE SKY'S THE LIMIT!

- Senior research assistant in Biology Lab
- Environmental Health Specialist
- Volunteer Coordinator at local conservation center
- Water quality analyst
- Learning more graphic design skills

THINK OF AWARDS, JOB TITLES, CREDENTIALS, ETC

YOUR VERSION OF SUCCESS

WHICH SKILLS MIGHT HELP YOU ACHIEVE YOUR VERSION OF SUCCESS?

Critical Thinking	Public Speaking
Decision Making	Accountability
Innovation	Data Analysis
Networking	Project Management

(SKILLS CAN BE FOUND ON THE BACK OF THE PLANNER)

Prior Experience Reflection (OPTIONAL)

HOW DO YOUR EXPERIENCES PRIOR COLLEGE EXPERIENCES CONNECT TO YOUR GOALS?
WHAT WOULD YOU DO DIFFERENTLY IF GIVEN THE CHANCE?
WHAT DO YOU DO HOPE TO DO DIFFERENTLY WHILE ATTENDING IOWA STATE?

WHAT PRIOR COLLEGE EXPERIENCES HELPED YOU REACH YOUR GOALS?

1. Internship at the Iowa Department of Natural Resources
2. Volunteering at Polk County Conservation
3. Part-time Serving Job
4. Part-time Job at Local Landscaping Company
5. 4-H Member

WHAT SKILLS DID YOU LEARN BY PARTICIPATING IN THE EXPERIENCE?

1. Biological Systems Field Experience, Water Testing, Time-Management, Collaboration in a Team
2. Research Assistance, Seed Collection, Non-Profit Organization Management, Strategic Planning
3. Communication, Relationship Building, Customer-Service, Active-Listening
4. Resilience, Attention to Detail, Adaptability, Client Relations
5. Community Outreach, Public Speaking, Initiative, Creativity

MAP YOUR IOWA STATE EXPERIENCES ON THE FOLLOWING PAGES (REQUIRED)

TOP CAREER READINESS SKILLS:

- LEADERSHIP
- INNOVATION
- COMMUNICATION
- COLLABORATION
- CRITICAL THINKING
- PROFESSIONALISM
- TECHNOLOGY
- GLOBAL PERSPECTIVES

(MORE SKILLS CAN BE FOUND ON THE BACK OF THE PLANNER)

2025 **YEAR 1** 2026

	WHAT COLLEGE EXPERIENCES WILL HELP YOU REACH YOUR GOALS?	WHAT SKILLS WILL YOU LEARN BY PARTICIPATING IN THIS EXPERIENCE?
FALL	1. Pathways to Innovation and Leadership Workshop (Public Speaking) 2. Good Earth Student Farm Member 3. CALS Career Day 4. Environmental Science Learning Community 5. Volunteering at Reiman Gardens	1. Public Speaking, Collaboration, Accountability 2. Decision Making, Initiative, Interpersonal Skills 3. Networking, Relationship Building, Professional Communication 4. Discipline, Technical Skills, Strategic Planning 5. Grit, Creativity, Problem Solving
WINTER	1. Job Shadowing at Water Quality Testing Plant 2. Part-Time Serving Job 3. Volunteering for Community Winter Event	1. Networking, Professionalism, Data Analysis 2. Relationship Building, Customer-Service, Problem Solving 3. Fundraising, Community Outreach, Resourcefulness
SPRING	1. Pathways to Innovation and Leadership Workshops (Leading With Strengths, Creative Confidence for Innovation) 2. Good Earth Student Farm Communication Manager 3. Environmental Science Learning Community Leader 4. Volunteering at Reiman Gardens 5. Part Time Work-Study English Department	1. Leadership, Innovation, Self-Awareness, Communication 2. Volunteer Outreach, Coordination, Problem Solving 3. Discipline, Technical Skills, Teamwork, Event Planning 4. Grit, Creativity, Flexibility, Composting and Planting 5. Time Management, Phone and Computer Skills, Adaptability
SUMMER	1. Internship at Environmental Health Agency 2. 4-H Mentor 3. Graphic Design Class at Art Center	1. Field Experience, Data Collection, Quality Testing, Research Skills 2. Mentorship, Project Management, Innovation, Problem Solving 3. Graphic Design, Community Engagement, Attention to Detail

HOW DO YOUR EXPERIENCES CONNECT TO YOUR GOALS?

My experiences help me to explore my interests and understand how they could connect to my career goals.

TOP CAREER READINESS SKILLS:

- LEADERSHIP
- INNOVATION
- COMMUNICATION
- COLLABORATION
- CRITICAL THINKING
- PROFESSIONALISM
- TECHNOLOGY
- GLOBAL PERSPECTIVES

(MORE SKILLS CAN BE FOUND ON THE BACK OF THE PLANNER)

2026 **YEAR 2** 2027

	WHAT COLLEGE EXPERIENCES WILL HELP YOU REACH YOUR GOALS?	WHAT SKILLS WILL YOU LEARN BY PARTICIPATING IN THIS EXPERIENCE?
FALL	1. Pathways to Innovation and Leadership (Innovator and Leader Intern Badge) 2. Good Earth Student Farm Vice President 3. CALS Career Day: Set Up and Attendee 4. Environmental Science Learning Community 5. Reiman Gardens Volunteer Coordinator	1. Public Speaking, Reflective Learning, Growth Mindset 2. Resilience, Teamwork, Community Service, Organization 3. Networking, Professional Communication, Decision Making 4. Discipline, Technical Skills, Accountability 5. Grit, Creativity, Community Engagement
WINTER	1. Attend Research Conference 2. Part-Time Serving Job 3. Volunteering for Winter Food Drive	1. Networking, Professionalism, Data Analysis 2. Relationship Building, Customer-Service, Problem Solving 3. Community Leadership, Communication, Flexibility
SPRING	1. Pathways to Innovation and Leadership Workshops (Leading With Strengths, Creative Confidence for Innovation) 2. Good Earth Student Farm Communication Manager 3. Environmental Science Learning Community Leader 4. Volunteering at Reiman Gardens 5. Part Time Work-Study English Department	1. Leadership, Innovation, Self-Awareness, Confidence 2. Volunteer Outreach, Coordination, Problem Solving 3. Critical Thinking, Discipline, Teamwork, Event Planning 4. Grit, Creativity, Flexibility, Decision Making 5. Time Management, Phone and Computer Skills, Adaptability
SUMMER	1. Internship at Biology Lab 2. Multimedia Class at Art Center	• Professional Research, Teamwork, Resilience • Creativity, Community Engagement, Attention to Detail

HOW DO YOUR EXPERIENCES CONNECT TO YOUR GOALS?

My experiences give me the workplace skills I need to be able to thrive in a full-time position in my field.

TOP CAREER READINESS SKILLS:

- LEADERSHIP
- INNOVATION
- COMMUNICATION
- COLLABORATION
- CRITICAL THINKING
- PROFESSIONALISM
- TECHNOLOGY
- GLOBAL PERSPECTIVES

(MORE SKILLS CAN BE FOUND ON THE BACK OF THE PLANNER)

YEAR 3

(OPTIONAL)

	WHAT COLLEGE EXPERIENCES WILL HELP YOU REACH YOUR GOALS?	WHAT SKILLS WILL YOU LEARN BY PARTICIPATING IN THIS EXPERIENCE?
FALL		
WINTER		
SPRING		
SUMMER		

HOW DO YOUR EXPERIENCES CONNECT TO YOUR GOALS?

TOP CAREER READINESS SKILLS:

- LEADERSHIP
- INNOVATION
- COMMUNICATION
- COLLABORATION
- CRITICAL THINKING
- PROFESSIONALISM
- TECHNOLOGY
- GLOBAL PERSPECTIVES

(MORE SKILLS CAN BE FOUND ON THE BACK OF THE PLANNER)

BUILDING A NETWORK is essential to reaching your personal and professional goals. **WHO CAN YOU REACH OUT TO FOR SUPPORT** while attending Iowa State University *and beyond?*

SUCCESS FORMULA

EFFORT + GOOD STRATEGIES + **ASKING FOR HELP** + REFLECTION + ADJUSTMENTS

SUCCESS

*BUNTING 2025

85% OF JOBS ARE **FILLED THROUGH NETWORKING,**
*ACCORDING TO HUBSPOT.

70% OF JOBS ARE **NEVER POSTED PUBLICLY,**
*ACCORDING TO CNBC.

*ADAPTED FROM NCFDD

Add a star next to those who can help you most on your journey to success!

NEED HELP? Schedule a consultation with a Pathways representative today!

ADDITIONAL SKILLS, BY EXPERIENCE

CLUB LEADERSHIP
- ACCOUNTABILITY
- BUDGETING
- COMMITMENT
- CONFLICT RESOLUTION
- CREATIVITY
- DIVERGENT / CONVERGENT THINKING
- ENTREPRENEURSHIP
- FUNDRAISING
- INTERPERSONAL SKILLS
- NETWORKING
- PROBLEM SOLVING
- PROJECT MANAGEMENT
- PUBLIC SPEAKING
- TIME MANAGEMENT

CLUB MEMBERSHIP
- ACTIVE LISTENING
- ADAPTATION
- CREATIVITY
- CULTURAL COMPETENCY
- DISCIPLINE
- INTERPERSONAL COMMUNICATION
- NETWORKING
- PROJECT MANAGEMENT
- TIME MANAGEMENT

COMMUNITY INVOLVEMENT
- ADAPTABILITY
- BUDGETING
- CULTURAL AWARENESS
- EMPATHY
- FUNDRAISING
- GRIT
- INITIATIVE
- MARKETING / PROMOTION
- ORGANIZATION
- PROBLEM SOLVING
- RESILIENCE
- VOLUNTEER COORDINATION

COMPETITIONS / CHALLENGES
- ANALYTICAL THINKING
- CONFIDENCE BUILDING
- DELEGATION
- DISCIPLINE
- GOAL SETTING
- MARKETING
- NEGOTIATION
- PITCHING AND SALES
- PUBLIC SPEAKING
- RESILIENCE
- RESOURCEFULNESS
- SELF-EVALUATION
- TIME MANAGEMENT

CONFERENCES / LEARNING OPPORTUNITIES
- CRITICAL THINKING
- DECISION MAKING
- DIGITAL LITERACY
- NEGOTIATION
- NETWORKING
- PROBLEM-SOLVING
- PUBLIC SPEAKING
- RELATIONSHIP BUILDING

CREATIVE ENDEAVORS
- ACTIVE LISTENING
- ATTENTION TO DETAIL
- CONFIDENCE
- CONSTRUCTIVE CRITICISM
- CREATIVITY
- DESIGN THINKING
- DIGITAL LITERACY
- DISCIPLINE
- INTERCULTURAL COMPETENCY
- PERSEVERANCE
- PUBLIC SPEAKING
- RESILIENCE
- RISK TAKING
- STORY TELLING
- VISUAL COMMUNICATION

ENTREPRENEURSHIP
- ADAPTABILITY
- BRANDING / MARKETING
- CREATIVITY
- DISCIPLINE
- FINANCIAL LITERACY
- NETWORKING
- PROBLEM SOLVING
- PROJECT MANAGEMENT
- PUBLIC SPEAKING
- RESEARCH
- RESILIENCE
- RESOURCEFULNESS
- STRATEGY

INTERNSHIP
- ACCOUNTABILITY
- ADAPTABILITY
- CLERICAL SKILLS
- CLIENT INTERACTION
- DATA ANALYSIS
- NETWORKING
- PRESENTATION
- PROBLEM SOLVING
- PUBLIC SPEAKING
- RELATIONSHIP BUILDING
- RESEARCH
- RESILIENCE
- TECHNICAL SKILLS
- TIME MANAGEMENT

PART TIME / FULL TIME EMPLOYMENT
- ACCOUNTABILITY
- ACTIVE LISTENING
- ADMINISTRATIVE SKILLS
- ATTENTION TO DETAIL
- CLIENT RELATIONS
- CONFLICT RESOLUTION
- CUSTOMER SERVICE
- DATA ENTRY
- EMPATHY
- FINANCIAL MANAGEMENT
- INITIATIVE
- PROBLEM SOLVING
- TIME MANAGEMENT

PEER LEADERSHIP (PEER MENTOR, LEARNING COMMUNITY)
- ACTIVE LISTENING
- ADAPTABILITY
- COACHING
- COMMUNITY BUILDING
- CONFLICT RESOLUTION
- EMPATHY
- GROWTH MINDSET
- PATIENCE
- RESILIENCE
- RESOURCEFULNESS
- TIME MANAGEMENT

SERVICE LEARNING
- ADVOCACY
- COMMUNITY ENGAGEMENT
- INITIATIVE
- INTEGRITY
- ORGANIZATION
- PROJECT MANAGEMENT
- RESILIENCE
- STRATEGIC PLANNING
- TIME MANAGEMENT

STUDY ABROAD
- ADAPTABILITY
- FLEXIBILITY
- FOREIGN LANGUAGE PROFICIENCY
- INTERCULTURAL COMMUNICATION
- PERSONAL GROWTH
- PROBLEM SOLVING
- RELATIONSHIP BUILDING
- RESILIENCE
- TIME MANAGEMENT

VOLUNTEERING
- ADAPTABILITY
- ADVOCACY
- COMMUNITY ENGAGEMENT
- CONFLICT RESOLUTION
- CUSTOMER SERVICE
- EMPATHY
- FUNDRAISING
- ORGANIZATION
- NON-PROFIT EXPERIENCE
- PHILANTHROPY
- PROBLEM SOLVING
- RELATIONSHIP BUILDING
- TIME MANAGEMENT

ADDITIONAL SUPPORT FROM CALS PATHWAYS TO INNOVATION + LEADERSHIP

ONE-ON-ONE COACHING

HANDS-ON MICRO-CREDENTIAL WORKSHOPS

REAL-WORLD EXPERIENCE WITH LEARN BY DOING

SHOWCASE SKILLS WITH DIGITAL BADGES

NOTES

Sign up to present at the Pathways End of the Year Showcase

Apply for Pathways Scholarships through OneApp

Ask Pathways Representative about Pathways Program leadership opportunities

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