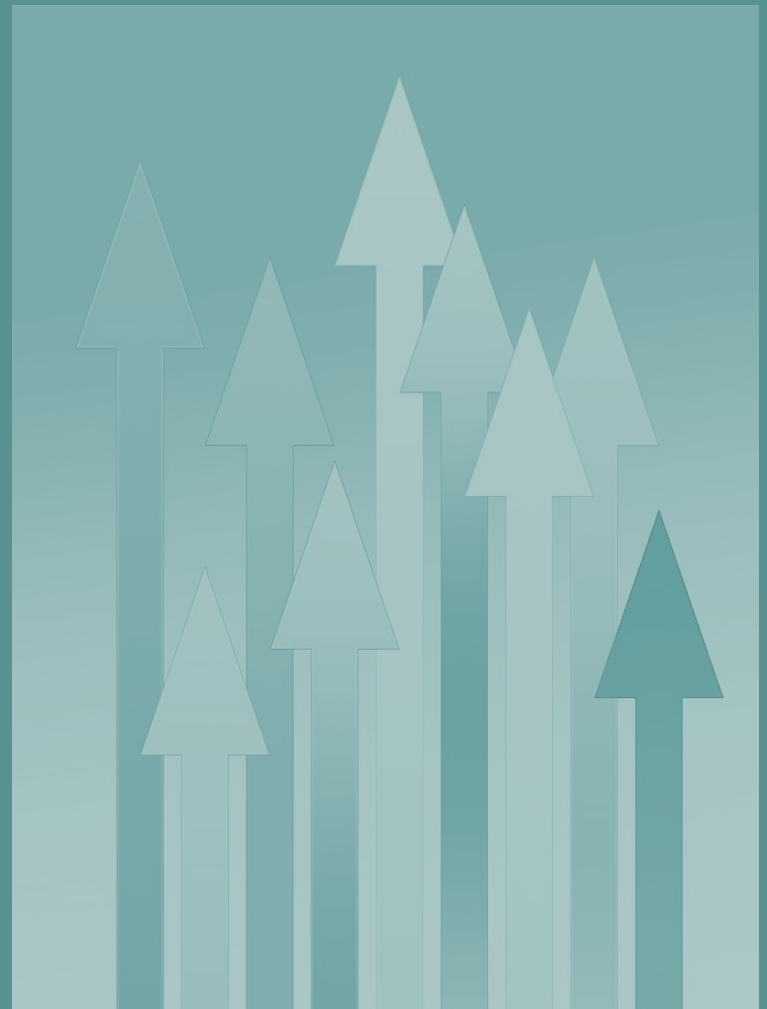


Pathway Mapping @ Chabot

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Outcomes

By making information about our programs more accessible and providing a template for each degree and certificate we expect to increase the number of applicants:

1. Registering for classes
2. Progressing more efficiently through their program of study, including
 - completing English and Math in their first year
 - earning 9 CTE credits
 - earning their certificate and/or degree



Progress to Date - Planning

- Formed Work Group under the Academic Senate
- Trained seven faculty navigation guides to facilitate mapping
- Roles and responsibilities of Admin, Mapping Leads, NavGuides, Students, Counselors
- Developed (and redeveloped) mapping process
 - Synchronous and asynchronous activities
 - Information on students in major
 - Potential careers and what employers look for
 - Templates for joint work and for submitting drafts
 - Creating both 2-year and 3-year degree maps



Progress to Date - Mapping

Summer 2020

- Piloted process with three programs:
 - Early Childhood Development
 - Global/International Studies
 - Natural Sciences
- Refined activities and templates



Progress to Date - Mapping

Fall 2020

Developed schedule for AY 2020-21 - *first programs are mapping today!*

Starting in September	Starting in October
Studio Arts	Behavioral Sciences
Digital Arts	Health Sciences
Art History and Humanities	Computer Science
Automotive Technology	Engineering
Industrial Technology	Architecture
Accounting	

First Page

More Than Just Classes

Color(s) represent Learning & Career Pathway (metamajor)

CONNECT WITH US





Pathways Welcome Days
First Fridays @ Five –advising, engagement opportunities, and social networking.

STEM Center
Meet school representatives, connect with non-profits, and prepare for transfer.

Study Groups
Enhance learning and understanding together. See schedule in STEM Center (room 3906).

SCIENCE & MATHEMATICS PATHWAY SUCCESS TEAM

We are here to help!

	Faculty Room ####	Peer Advisor Room ####	
	Counselor Room ###	First Gen Advisor Room ####	

Find your people and your supports

More Than Just Classes

BUILDING YOUR KNOWLEDGE, SKILLS & ABILITIES

A degree in Biology will challenge you to think critically about real world problems in fields as diverse as infectious disease, neuroscience, genomics, and environmental sustainability. Biology students will:

- apply principles of the natural sciences to today's pressing issues
- conduct laboratory and data collection procedures with accuracy and precision
- analyze data to identify trends, causes, correlations and further questions
- research and test hypotheses using multiple experimental approaches
- implement laboratory safety protocols
- work both ethically and responsibly as an individual and as a collaborative team member
- effectively communicate complex ideas for both technical and nontechnical audiences

Employment focused “what will I learn”

(Mapping to CLOs & PLOs in faculty-facing documents)

WHAT CAN I DO WITH MY MAJOR?

An associate's degree in Biology can prepare you for transfer to bachelor's programs in

- biology
- molecular, cell and developmental biology
- biotechnology
- ecology and conservation
- marine biology
- plant or animal science
- microbiology and immunology
- physiology
- neuroscience

Biology majors often engage in career fields requiring the pursuit and application of knowledge of the natural world, including:

- biotechnology
- natural resource management
- clinical or laboratory research
- environmental science
- physical therapy, pharmacy, or medicine
- public health and epidemiology
- genomics

What can I transfer in?

What jobs can I get?

More Than Just Classes

Most important classes identified each term

Time expectations for planning purposes

Prereqs indicated

HOW TO USE THIS MAP— Use this map to help plan and guide your academic, co-curricular, and career opportunities at Chabot. Items in this map are recommendations, so meet with your counselor to build your own academic map.

semester 1

COURSES	Units	Weekly Hours
★ MTH 1 - Calculus 1	5	15
★ CHEM 1A - General College Chemistry 1	5	15
GE - American Cultures	3	9
GE - Areas of Health	3	9
total:		48

★ Critical courses should be taken in the order/semester shown.

ACADEMIC, PERSONAL, and CAREER SUPPORTS

Free tutoring for Science and Math; STEM (room 3906)
Join clubs on campus such as Bio Club or Medical Brigades
Build your skills in time-management, notetaking, studying and more in Skills Seminars; Learning Connection (Building 100)

SUCCESS REMINDERS

August—Gladiator Day
 October—Meet with Counselor for Full Student Ed. Plan
 November—Spring Registration

semester 2

COURSES	Units	Weekly Hours
★ BIOL 6 - Principles of Plant Biology and Ecology	4	12
★ CHEM 1B - General College Chemistry 2	5	15
ENGL 1 - Critical Reading & Composition	4	12
GE - Physical Education	1	3
total:		42

Unlock courses by taking the prereq first.

ACADEMIC, PERSONAL, and CAREER SUPPORTS

Free tutoring for Science and Math; STEM (room 3906)
Polish your papers; WRAC Center (Building 100)

SUCCESS REMINDERS

January—Look for summer programs
 March—Financial Aid Application due
 April—Summer and Fall Registration
 May—Review your Student Ed. Plan

Connect classes to supports and co/extracurriculars

Reminders of when to do key steps



Hitches, Hurdles, and Help

- **Switching to virtual meetings** - what online collaboration tools are available?
- **Scheduling is hard** - this may take longer
 - Fewer faculty in scheduled class, but everyone is just busier (and burnt)
 - Needed asynchronous activities and more customization
- **Admin hiring delayed**
- **Student participation would be easier if could pay stipends**
- **How can MAPs link with DegreeWorks/Ellucian?**
- **How much should the maps for each campus match?**