



PLANNING YOUR FIRST QUARTER SCHEDULE

A THURGOOD MARSHALL COLLEGE ACADEMIC ADVISING WEBINAR



Hello, and welcome to the Thurgood Marshall College Academic Advising New Student Webinar on “Planning your First Quarter Schedule.”

Today we will be reviewing a guideline on how you can expect to choose coursework for your first quarter at UC San Diego using the resources the academic advising office has provided to you throughout the summer.

The duration of our webinar today will be 60 minutes; we encourage you to submit your questions throughout the presentation and we will answer them at the end.

Let’s get started!

WHERE DO I START?

- What's an Academic Plan?
- Where are my Course Recommendations?
- New Student Resources
 - UCSD General Catalog
 - Major Department and Program Websites
 - Marshall College General Education Requirements
- Enrollment Preparation

- In order to help you choose the best courses for your first quarter at UCSD, we will be reviewing the following resources:
 - Academic Plans at UCSD
 - Your Course Recommendations created by our office
 - The UCSD General Catalog of courses
 - Major Department websites and...
 - The Marshall College General Education Requirements
- These resources will help you prepare for your upcoming enrollment later this month.

WHAT'S AN "ACADEMIC PLAN?"

- Visualize your required courses on a quarter-by-quarter basis.
- Take a quick look at what your first quarter courses may look like.
- Available at plans.ucsd.edu.

2019-2020			annual units: 112		
Fall	term units: 31.2	Winter	term units: 31.2	Spring	term units: 31.2
DOC 1(SB)	3.0	DOC 2	3.0	DOC 3	3.0
MATH 15A/25A 1/2	6.0	MATH 100/200 1/2	6.0	MATH 11	3.0
CHEM 6A 1/2	6.0	CHEM 6B	3.0	CHEM 6C	3.0
BLD 4	3.0	BLD 1 1/2	3.0	CHEM 7L	3.0

2020-2021			annual units: 112		
Fall	term units: 31.2	Winter	term units: 31.2	Spring	term units: 31.2
PHYS 18A/18L 1/2	6.0	PHYS 108/10L	3.0	PHYS 10A/10L	3.0
BLD 2	3.0	BLD 3	3.0	BIOC 100	3.0
CHEM 45A	3.0	CHEM 40B	3.0	ELECTIVE	3.0

2021-2022			annual units: 112		
Fall	term units: 31.2	Winter	term units: 31.2	Spring	term units: 31.2
BIOC 100/102 ("SEE NOTE")	6.0	UD BIO LAB ("SEE NOTE")	3.0	UD BIO ELECTIVE	3.0
BPH 100	3.0	UD EBE	3.0	BMM 100	3.0
GE	3.0	GE	3.0	GE	3.0
GE	3.0	ELECTIVE	3.0	GE	3.0

2022-2023			annual units: 112		
Fall	term units: 31.2	Winter	term units: 31.2	Spring	term units: 31.2
UD BIO LAB ("SEE NOTE")	3.0	UD BIO ELECTIVE	3.0	UD BIO ELECTIVE ("SEE NOTE")	3.0
UD BIO ELECTIVE	3.0	UD BIO ELECTIVE	3.0	UD ELECTIVE	3.0
UD GE	3.0	UD GE	3.0	ELECTIVE	3.0
ELECTIVE	3.0	ELECTIVE	3.0		

- The Academic Plan is designed as a template of the coursework students should complete per quarter in order to complete their degree in 4 years or less.
- Every student will enter UCSD with a different academic background so the Academic Plans are used primarily as guides to help you visualize your time to degree.

ACCESSING YOUR ACADEMIC PLAN

- Step 1
 - Visit plans.ucsd.edu.

ACADEMIC PLANS

UC San Diego

Select an academic plan

College

Thurgood Marshall

Entering Year

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Department / Program

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Major

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UC San Diego

- To access the Academic Plan for your major, visit plans.ucsd.edu.

ACCESSING YOUR ACADEMIC PLAN

- Step 1
 - Visit plans.ucsd.edu.
- Step 2
 - Set "Thurgood Marshall" as your college.

Select your college

Students are admitted to UC San Diego in one of the six undergraduate colleges [↗](#).

If you are a continuing UC San Diego student, be sure to choose your college for accurate information.

Petitions to transfer between colleges are approved only in exceptional cases. Please see your college academic counselor for the criteria.

College

Thurgood Marshall

Set college

- Select Thurgood Marshall for your college.
- Set your college to Thurgood Marshall College.

ACCESSING YOUR ACADEMIC PLAN

- Step 1
 - Visit plans.ucsd.edu.
- Step 2
 - Set "Thurgood Marshall" as your college.
- Step 3
 - Enter "2019-2020" for your entering year.

Select an academic plan

College

Thurgood Marshall

Entering Year

2019-2020

Department / Program

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Major

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- Enter 2019-2020 as your Entering Year.

ACCESSING YOUR ACADEMIC PLAN

- Step 1
 - Visit plans.ucsd.edu.
- Step 2
 - Set "Thurgood Marshall" as your college.
- Step 3
 - Enter "2019-2020" for your entering year.
 - Select your proposed department/program.

Select an academic plan

College

Thurgood Marshall

Entering Year

2019-2020

Department / Program

Chemistry and Biochemistry

Major

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- Select the declared or officially proposed major program on your Academic Background in the New Student Site.
- For this example, we are selecting a student within the Chemistry and Biochemistry Department.

ACCESSING YOUR ACADEMIC PLAN

- Step 1
 - Visit plans.ucsd.edu.
- Step 2
 - Set "Thurgood Marshall" as your college.
- Step 3
 - Enter "2019-2020" for your entering year.
 - Select your proposed department/program.
 - Select your proposed major.

Select an academic plan

College

Thurgood Marshall

Entering Year

2019-2020

Department / Program

Chemistry and Biochemistry

Major

Chemistry* (CH25)

- Select the appropriate major based on the list of options.
- The example we are using is a declared Chemistry (CH25) major student.

ACCESSING YOUR ACADEMIC PLAN

- Step 1
 - Visit plans.ucsd.edu.
- Step 2
 - Set "Thurgood Marshall" as your college.
- Step 3
 - Enter "2019-2020" for your entering year.
 - Select your proposed department/program.
 - Select your proposed major.
- Step 4
 - View your proposed academic plan.

2019-2020			annual units 42.5		
Fall	term units 14.2	Winter	term units 14.2	Spring	term units 14.1
DOC 1 DEB 17	13	DOC 2	13	DOC 3	13
MATH 20A 17	13	MATH 20B 17	13	MATH 20C	13
CHEM 6A 17	13	CHEM 6B	13	CHEM 6C	13
GE	13	GE	13	CHEM 7LM or 7L	13

2020-2021			annual units 42.5		
Fall	term units 14.2	Winter	term units 14.2	Spring	term units 14.1
CHEM 40A	13	CHEM 40B	13	CHEM 40C	13
PHYS 2A 17	13	PHYS 2B	13	PHYS 2C or 2D	13
MATH 20D	13	CHEM 43AM or 43A	13	PHYS 2BL or 2CL or 2DL	13
GE	13	GE	13	GE	13

2021-2022			annual units 42.5		
Fall	term units 14.2	Winter	term units 14.2	Spring	term units 14.1
CHEM 120A	13	CHEM 120B	13	CHEM 105A	13
CHEM 130	13	CHEM 131	13	CHEM 132	13
CHEM 105A	13	CHEM 143B	13	LD GE	13
GE	13	LD GE	13	ELECTIVE	13

2022-2023			annual units 42.5		
Fall	term units 14.2	Winter	term units 14.2	Spring	term units 14.1
CHEM ELECTIVE LAB	13	CHEM ELECTIVE LAB	13	CHEM ELECTIVE	13
CHEM 114A	13	CHEM ELECTIVE	13	CHEM ELECTIVE	13
ELECTIVE	13	ELECTIVE	13	ELECTIVE	13

- This will generate the academic plan for the selected major for Marshall students who were admitted for the 2019-2020 academic year.

ACCESSING YOUR ACADEMIC PLAN

- Step 1
 - Visit plans.ucsd.edu.
- Step 2
 - Set "Thurgood Marshall" as your college.
- Step 3
 - Enter "2019-2020" for your entering year.
 - Select your proposed department/program.
 - Select your proposed major.
- Step 4
 - View your proposed academic plan.
 - Focus on 2019-2020 fall quarter.

2019-2020		annual units
Fall	units 16.0	
DOC 1/DEI	4.0	
MATH 20A	4.0	
CHEM 6A	4.0	
GE	4.0	
Winter	units 18.0	
DOC 2	6.0	
MATH 20B	4.0	
CHEM 6B	4.0	
GE	4.0	
Spring	units 18.0	
DOC 3	6.0	
MATH 20C	4.0	
CHEM 6C	4.0	
CHEM 7LM or 7L	4.0	

- You will want to focus on your upcoming Fall, 2019 quarter; this is the information our office used to help generate your course recommendations.

WHERE ARE MY COURSE RECOMMENDATIONS?

- Find Course Recommendations on the New Student Site starting August 16.

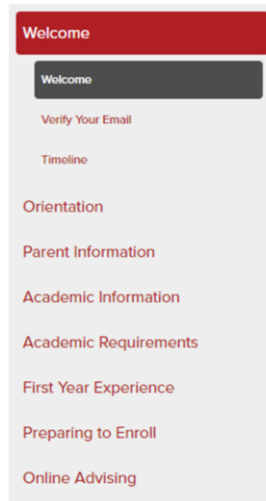
Recommended Courses

Course	Comments
WRITING	<p>Our records show that you have not met the Entry Level Writing Requirement (ELWR), a time sensitive University-wide Graduation Requirement with limited quarters of eligibility. If this is not correct, please submit your official scores or transcripts immediately to the UC San Diego Office of Admissions.</p> <p>If you do not have any other way to meet the ELWR, you must take the UC Analytical Writing Placement Exam (AWPE) in August or September at UC San Diego. Register for the exam at the Analytical Writing Program website immediately.</p> <p>If you pass the AWPE, you will fulfill the ELWR and will be able to enroll in the Marshall College Dimensions of Culture (DOC) writing program starting with DOC 1, pending seat availability. If you do not pass the AWPE, you must enroll in either AWP 1 or AWP 2A, depending on your placement.</p>
MATH 4C	The MATH 20 sequence is required for your major.
CHEM 6A	This course is required by the major you have selected or proposed.
GE Course	Please review the following to choose an approved GE course: Fall Course Offerings to Satisfy TMC General Education Requirements [PDF]
Freshman Seminar	Consider enrolling in a 1-unit Freshman Seminar. Freshman seminars are small, informal classes (20-student limit) that give you an opportunity to interact with faculty in a small classroom environment. Faculty teach in their fields of expertise and explore topics of intellectual importance. Topics vary from quarter to quarter.
Course Placement Comments	<p>You have indicated (in your academic background) that you are interested in a Pre-Health field. Therefore, your recommendations include appropriate math and science courses for your first quarter at UC San Diego.</p> <p>For more information on pre-health course prerequisites, please visit: http://healthbeat.ucsd.edu/prepare/Academic%20Preparation.html</p> <p>It is important to note you can be any major and take the required courses to go to medical or professional schools. Most Pre-Health programs encourage you to explore your interests as an undergraduate.</p>

- Your Course Recommendations will be available starting August 16th at 8:00am Pacific Standard Time.

WHERE ARE MY COURSE RECOMMENDATIONS?

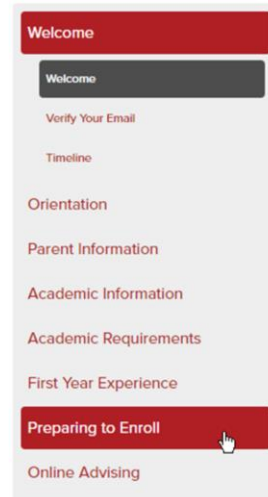
- Find Course Recommendations on the New Student Site starting August 16.
- Step 1: Go to newstudent.ucsd.edu and enter your student account information.



- Once Course Recommendations are released on August 16th, you will find them on the New Student Site.
- Go to newstudent.ucsd.edu and enter your student account information.

WHERE ARE MY COURSE RECOMMENDATIONS?

- Find Course Recommendations on the New Student Site starting August 16.
 - Step 1: Go to newstudent.ucsd.edu and enter your student account information.
 - Step 2: Go to “Preparing to Enroll” Tab.



- Go to the “Preparing to Enroll” Tab.

WHERE ARE MY COURSE RECOMMENDATIONS?

- Find Course Recommendations on the New Student Site starting August 16.
 - Step 1: Go to newstudent.ucsd.edu and enter your student account information.
 - Step 2: Go to "Preparing to Enroll" Tab.
 - Step 3: Go to "Course Recommendations."

Welcome

Orientation

Parent Information

Academic Information

Academic Requirements

First Year Experience

Preparing to Enroll

Overview

Course Recommendations

Enrollment Resources

Online Advising

- Then click on the "Course Recommendations" tab.

WHERE ARE MY COURSE RECOMMENDATIONS?

- Recommendations are based on four things:
 1. The Declared or Proposed major listed on your Academic Background.*
 2. The Academic Plan for your Declared or Proposed major.
 3. Your test scores and transcripts sent to the UCSD Office of Admissions and provided on your Academic Background.
 4. Placement exam results.

*Undeclared students will receive recommendations based on college and university requirements.

Recommended Courses	
Course	Comments
WRITING	Our records show that you have not met the Entry Level Writing Requirement (ELWR), a time sensitive University-wide Graduation Requirement with limited quarters of eligibility. If this is not correct, please submit your official scores or transcripts immediately to the UC San Diego Office of Admissions. If you do not have any other way to meet the ELWR, you must take the UC Analytical Writing Placement Exam (AWPE) in August or September at UC San Diego. Register for the exam at the Analytical Writing Program website immediately. If you pass the AWPE, you will fulfill the ELWR and will be able to enroll in the Marshall College Dimensions of Culture (DOC) writing program starting with DOC 1, pending seat availability. If you do not pass the AWPE, you must enroll in either AWP 1 or AWP 2A, depending on your placement.
MATH 4C	The MATH 20 sequence is required for your major.
CHEM 6A	This course is required by the major you have selected or proposed.
GE Course	Please review the following to choose an approved GE course: Fall Course Offerings to Satisfy TMC General Education Requirements [PDF]
Freshman Seminar	Consider enrolling in a 1-unit Freshman Seminar. Freshman seminars are small, informal classes (20-student limit) that give you an opportunity to interact with faculty in a small classroom environment. Faculty teach in their fields of expertise and explore topics of intellectual importance. Topics vary from quarter to quarter.
Course Placement Comments	You have indicated (in your academic background) that you are interested in a Pre-Health field. Therefore, your recommendations include appropriate math and science courses for your first quarter at UC San Diego. For more information on pre-health course prerequisites, please visit: http://healthbeat.ucsd.edu/prepare/Academic%20Preparation.html It is important to note you can be any major and take the required courses to go to medical or professional schools. Most Pre-Health programs encourage you to explore your interests as an undergraduate.

- Your Course Recommendations were created using the following information you provided earlier this summer on the New Student Site:
 1. The Declared or Proposed major listed on your Academic Background
 2. The Academic Plan for your major
 3. Your test scores and transcripts sent to the UCSD Office of Admissions and provided to us via your Academic Background
 4. And your various placement exam results
- As a note, undeclared major students were given recommendations based on college and university requirements.

WHERE ARE MY COURSE RECOMMENDATIONS?

Sample Test Recommendation for an incoming Chemistry major:

1. Writing
2. MATH 10C or MATH 20C
3. CHEM 6A
4. GE Course
5. Freshman Seminar
6. Comments

Recommended Courses

Course	Comments
WRITING	<p>Our records show that you have not met the Entry Level Writing Requirement (ELWR), a time sensitive University-wide Graduation Requirement with limited quarters of eligibility. If this is not correct, please submit your official scores or transcripts immediately to the UC San Diego Office of Admissions.</p> <p>If you do not have any other way to meet the ELWR, you must take the UC Analytical Writing Placement Exam (AWPE) in August or September at UC San Diego. Register for the exam at the Analytical Writing Program website immediately.</p> <p>If you pass the AWPE, you will fulfill the ELWR and will be able to enroll in the Marshall College Dimensions of Culture (DOC) writing program starting with DOC 1, pending seat availability. If you do not pass the AWPE, you must enroll in either AWP 1 or AWP 2A, depending on your placement.</p>
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Course Placement Comments	<p>You have indicated (in your academic background) that you are interested in a Pre-Health field. Therefore, your recommendations include appropriate math and science courses for your first quarter at UC San Diego.</p> <p>For more information on pre-health course prerequisites, please visit: http://healthbeat.ucsd.edu/prepare/Academic%20Preparation.html</p> <p>It is important to note you can be any major and take the required courses to go to medical or professional schools. Most Pre-Health programs encourage you to explore your interests as an undergraduate.</p>

- Here is a brief overview of what course recommendations may look like using that information for an incoming Chemistry major.
 - This student received course recommendations to enroll in:
 - “Writing” and instructions on how to complete the Entry Level Writing Requirement
 - MATH 10C or MATH 20C
 - CHEM 6A
 - A General Education (GE) Course
 - And a Freshman seminar
 - This student also received additional comments regarding coursework and their declaration as a Pre-Health student hoping to pursue a career in one of the several health professions.



**MORE FALL 2019
ENROLLMENT
RESOURCES**

- UCSD General Catalog
- Major Departments & Programs
- Marshall College General Education Requirements

- In addition to the academic plans and course recommendations, we also want to review other, important enrollment resources which include:
 1. The UCSD General Catalog
 2. An overview of how to access major department and program information
 3. Your Marshall College General Education Requirements

WHAT'S THE "GENERAL CATALOG?"

- View courses and majors offered here at UC San Diego.
- Learn more about certain courses regarding:
 - Pre-Requisites
 - Co-Requisites
 - General Course Summaries
- View course requirements and course schedules for various majors.

UC San Diego

- The UCSD General Catalog outlines the courses and majors offered here at UCSD each year.
- Students should consider reviewing the catalog to learn more about course pre-requisites, co-requisites, and general descriptions of each course offered at UCSD.

NAVIGATING THE GENERAL CATALOG VIEWING COURSES

- Step 1
 - Visit catalog.ucsd.edu and click on Courses/Curricula/Faculty.

GENERAL CATALOG 2019–20 CATALOG OF RECORD

UC San Diego

[Home](#) [Courses/Curricula/Faculty](#)

Search

Go

UC San Diego General Catalog 2019–20

Catalog of Record

[Introduction](#)

[Calendars](#)

[Undergraduate Education](#)

[Graduate Education](#)

[International Education](#)

[Courses, Curricula, and Faculty](#)

[Extension](#)

[Summer Session](#)

[Policies](#)

[Related Websites](#)

[Catalogs of Record Archive](#)

Every effort has been made to ensure the accuracy of the information in the UC San Diego General Catalog. All courses, course descriptions, faculty listings, curricular and degree requirements, deadlines, and fees described herein are subject to change or deletion without notice.

The Official Catalog of Record is an archival document of record and does not reflect interim updates that may take place during the period between official publications. UC San Diego may publish interim updates to the catalog for information and advising purposes only.

Note: The departmental websites referenced in the catalog may not necessarily reflect approved curricular and course information.

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UC San Diego

- To access the General Catalog:
 - Visit catalog.ucsd.edu and click on Courses/Curricula/Faculty

NAVIGATING THE GENERAL CATALOG VIEWING COURSES

- Step 1
 - Visit catalog.ucsd.edu/ and click on Courses/Curricula/Faculty.
- Step 2
 - Navigate to your program of interest.

C/D

California Cultures in Comparative Perspective Minor [[undergraduate program](#) | [faculty](#)]
Chemical Engineering. See NanoEngineering (Engineering, Jacobs School of).
Chemistry and Biochemistry [[undergraduate program](#) | [graduate program](#) | [courses](#) | [faculty](#)]
Chicano/a–Latino/a Arts and Humanities Minor (CLAH) [[undergraduate program](#) | [faculty](#)]
Chinese Studies [[undergraduate program](#) | [courses](#) | [faculty](#)]
Classical Studies [[undergraduate program](#) | [graduate program](#) | [courses](#) | [faculty](#)]
Climate Science and Policy [[graduate program](#) | [courses](#) | [faculty](#)]
Clinical Psychology [[graduate program](#) | [courses](#) | [faculty](#)]
Clinical Research [[graduate program](#) | [courses](#) | [faculty](#)]
Cognitive Science [[undergraduate program](#) | [graduate program](#) | [courses](#) | [faculty](#)]
Communication [[undergraduate program](#) | [graduate program](#) | [courses](#) | [faculty](#)]
Comparative Studies in Language, Society, and Culture [[graduate program](#)]

- Navigate to your program of interest

NAVIGATING THE GENERAL CATALOG VIEWING COURSES

- Step 1
 - Visit catalog.ucsd.edu and click on Courses/Curricula/Faculty.
- Step 2
 - Navigate to your program of interest.
 - e.g., *Chemistry and Biochemistry*.

C/D

California Cultures in Comparative Perspective Minor [undergraduate program | faculty]
Chemical Engineering. See NanoEngineering (Engineering, Jacobs School of).
Chemistry and Biochemistry [undergraduate program | graduate program | courses | faculty]
Chicano/a–Latino/a Arts and Humanities Minor (CLAH) [undergraduate program | faculty]
Chinese Studies [undergraduate program | courses | faculty]
Classical Studies [undergraduate program | graduate program | courses | faculty]
Climate Science and Policy [graduate program | courses | faculty]
Clinical Psychology [graduate program | courses | faculty]
Clinical Research [graduate program | courses | faculty]
Cognitive Science [undergraduate program | graduate program | courses | faculty]
Communication [undergraduate program | graduate program | courses | faculty]
Comparative Studies in Language, Society, and Culture [graduate program]

- For example, our incoming Chemistry students will want to select the Chemistry and Biochemistry program

NAVIGATING THE GENERAL CATALOG VIEWING COURSES

- Step 1
 - Visit catalog.ucsd.edu and click on Courses/Curricula/Faculty.
- Step 2
 - Navigate to your program of interest.
 - e.g., *Chemistry and Biochemistry*
- Step 3
 - Select "courses" to view the program's courses.

C/D

California Cultures in Comparative Perspective Minor [[undergraduate program](#) | [faculty](#)]
Chemical Engineering. See NanoEngineering (Engineering, Jacobs School of).
Chemistry and Biochemistry [[undergraduate program](#) | [graduate program](#) | [courses](#) | [faculty](#)]
Chicano/a–Latino/a Arts and Humanities Minor (CLAH) [[undergraduate program](#) | [faculty](#)]
Chinese Studies [[undergraduate program](#) | [courses](#) | [faculty](#)]
Classical Studies [[undergraduate program](#) | [graduate program](#) | [courses](#) | [faculty](#)]
Climate Science and Policy [[graduate program](#) | [courses](#) | [faculty](#)]
Clinical Psychology [[graduate program](#) | [courses](#) | [faculty](#)]
Clinical Research [[graduate program](#) | [courses](#) | [faculty](#)]
Cognitive Science [[undergraduate program](#) | [graduate program](#) | [courses](#) | [faculty](#)]
Communication [[undergraduate program](#) | [graduate program](#) | [courses](#) | [faculty](#)]
Comparative Studies in Language, Society, and Culture [[graduate program](#)]

- Select “courses” to view the program’s courses.

NAVIGATING THE GENERAL CATALOG VIEWING COURSES

- Step 1
 - Visit catalog.ucsd.edu and click on Courses/Curricula/Faculty.
- Step 2
 - Navigate to your program of interest.
 - e.g. *Chemistry and Biochemistry*
- Step 3
 - Select "courses" to view the program's courses.
 - 1-99:lower-division courses

Lower Division

CHEM 1. The Scope of Chemistry and Biochemistry (1)

This seminar connects first-year students with the chemistry community (peers, staff, faculty, and other researchers) as they explore learning resources, study strategies, professional development, and current areas of active research. With an emphasis on academic and career planning, the series will feature guest lectures by UC San Diego faculty and staff, as well as industrial scientists and representatives from professional organizations such as the American Chemical Society (ACS). P/NP grades only.

CHEM 4. Basic Chemistry (4)

Offers less-well prepared science majors the fundamental skills necessary to succeed in CHEM 6. Emphasizes quantitative problems. Topics include nomenclature, stoichiometry, basic reactions, bonding, and the periodic table. May not receive credit for both CHEM 4 and CHEM 11. Includes a laboratory/discussion each week. Recommended: concurrent enrollment in MATH 3C, 4C or 10A or higher.

CHEM 6A. General Chemistry I (4)

First quarter of a three-quarter sequence intended for science and engineering majors. Topics include: atomic theory, bonding, molecular geometry, stoichiometry, types of reactions, and thermochemistry. May not be taken for credit after CHEM 6AH. Recommended: proficiency in high school chemistry and/or physics. **Corequisite:** MATH 10A or 20A or prior enrollment.

- UCSD lower-division coursework is numbered between 1 through 99

NAVIGATING THE GENERAL CATALOG VIEWING COURSES

- Step 1
 - Visit catalog.ucsd.edu and click on Courses/Curricula/Faculty.
- Step 2
 - Navigate to your program of interest.
 - e.g., *Chemistry and Biochemistry*
- Step 3
 - Select "courses" to view the program's courses.
 - 1-99: lower-division courses
 - 100-199: upper-division courses

Upper Division

CHEM 100A. Analytical Chemistry Laboratory (4)

Laboratory course emphasizing classical quantitative chemical analysis techniques, including separation and gravimetric methods, as well as an introduction to instrumental analysis. Program or materials fees may apply. **Prerequisites:** CHEM 6C or 6CH and CHEM 6BL, 7L, or 7LM. Recommended: PHYS 2CL or 2BL.

CHEM 100B. Instrumental Chemistry Laboratory (5)

Hands-on laboratory course focuses on development of correct laboratory work habits and methodologies for the operation of modern analytical instrumentation. Gas chromatography, mass spectrometry, high performance liquid chromatography, ion chromatography, atomic absorption spectroscopy, fluorescence spectrometry, infrared spectrometry. Lecture focuses on fundamental theoretical principles, applications, and limitations of instrumentation used for qualitative and quantitative analysis. Program or materials fees may apply. Students may not receive credit for both CHEM 100B and 10. **Prerequisites:** CHEM 100A and PHYS 2C or 2D and PHYS 2BL or 2CL or 2DL.

CHEM 105A. Physical Chemistry Laboratory (4)

Laboratory course in experimental physical chemistry. Program or materials fees may apply. **Prerequisites:** one or more of CHEM 126, 127, 131, 133 and CHEM 100A and one or more of PHYS 2BL, 2CL, or 2DL.

CHEM 105B. Physical Chemistry Laboratory (4)

Laboratory course in experimental physical chemistry. Program or materials fees may apply. **Prerequisites:** CHEM 105A.

- UCSD upper-division coursework is numbered between 100 through 199
- During your first quarter, you will complete lower-division coursework

NAVIGATING THE GENERAL CATALOG VIEWING COURSES

- Step 1
 - Visit catalog.ucsd.edu and click on Courses/Curricula/Faculty.
- Step 2
 - Navigate to your program of interest, e.g., *Chemistry and Biochemistry*
- Step 3
 - Select "courses" to view the program's courses.
 - 1-99: lower-division courses
 - 100-199: upper-division courses
- Step 4
 - Pay attention to pre-requisites/co-requisites.

CHEM 6A. General Chemistry I (4)

First quarter of a three-quarter sequence intended for science and engineering majors. Topics include: atomic theory, bonding, molecular geometry, stoichiometry, types of reactions, and thermochemistry. May not be taken for credit after CHEM 6AH. Recommended: proficiency in high school chemistry and/or physics. **Corequisite:** MATH 10A or 20A or prior enrollment.

CHEM 6AH. Honors General Chemistry I (4)

First quarter of a three-quarter honors sequence intended for well-prepared science and engineering majors. Topics include quantum mechanics, molecular orbital theory, and bonding. An understanding of nomenclature, stoichiometry, and other fundamentals is assumed. Students completing 6AH may not subsequently take 6A for credit. Recommended: completion of a high school physics course strongly recommended. Concurrent enrollment in MATH 20A or higher.

CHEM 6B. General Chemistry II (4)

Second quarter of a three-quarter sequence intended for science and engineering majors. Topics include: covalent bonding, gases, liquids, and solids; colligative properties, physical and chemical equilibria, acids and bases, solubility. May not be taken for credit after CHEM 6BH. **Prerequisites:** CHEM 6A or 6AH and MATH 10A or 20A. **Recommended:** concurrent or prior enrollment in MATH 10B or 20B.

- Keep in mind some courses will have pre-requisites or co-requisites.
- Pre-requisites are requirements students must have already completed before they are eligible to enroll in the course.
- Co-requisites are requirements students must have already completed or are concurrently completing to be eligible to enroll in the course.

AN INSIDE LOOK AT DEGREE PROGRAMS

- Examine an overview of which courses you'll need to complete for your major of interest.

**UNDERGRADUATE
DEGREE PROGRAMS**

- Another important tool to help you prepare for your upcoming first quarter at UCSD is the Major Department websites that provide you with information on major requirements.

AN INSIDE LOOK AT DEGREE PROGRAMS

- Review Major Department and Program Websites.
- Find them through your TritonLink account at tritonlink.ucsd.edu.
 - Navigate to Academics → Advising → Majors/Minors → Undergraduate Majors
- Click on the appropriate major for detailed information.

The screenshot displays the TritonLink website interface. At the top, there is a blue header with 'CURRENT STUDENTS' and the UC San Diego logo. Below the header is a search bar and a navigation menu with options like 'Academics', 'Finances & Jobs', 'Student Life', 'Well Being', and 'Campus Services'. The main content area is titled 'Majors/ Minors' and includes a sub-header 'Read about majors and minors at UC San Diego.' Below this, there are sections for 'Undergraduate students' and 'Graduate students', each with a list of links. A 'Contacts' section at the bottom right provides information for 'Your department', 'Your college', and 'Registrar's Office, (858) 534-3144'. On the left side, there is a sidebar with various navigation options under 'Advising' and 'Departments'.

- You can find your major department website by logging onto TritonLink.
- From there, navigate to academics, to advising, to the Majors/Minors where you can then find appropriate major program information.

DELVING DEEPER INTO DEGREE PROGRAMS NAVIGATING DEPARTMENT WEBSITES

- You can review important major information such as:
 - Course requirements
 - Important announcements
 - Learning and internship opportunities
 - Current and popular events surrounding the major field
 - Faculty and staff contact information

Undergraduate Program

- ▶ Academic Information
- ▶ Course Information
- ▼ Majors & Minor
 - Biochemistry/Chemistry
 - Chemistry
 - Environmental Chemistry
 - Molecular Synthesis
 - Pharmacological Chemistry
 - Chemistry Minor
- ▶ Research & Internships
- Tutor & Reader Opportunities
- ▶ Teaching Labs
- ▶ Undergraduate Events
- ▶ Undergrad Spotlight
- ▶ Announcements
- ACSSA
- ▶ Resources
- Advising

Overview of the Majors and Minor

The following is a quick overview of our five majors and Chemistry minor. For specific information on requirements and suggested four-year plans for each major, please use the navigation bar to the left.

Chemistry Majors

- The **Chemistry B.S.** provides a broad introduction to the chemical sciences.
- The **Biochemistry/Chemistry B.S.** focuses on the chemical processes in living organisms, including the structure and function of proteins and nucleic acids.
- The **Environmental Chemistry B.S.** combines a strong foundation in chemistry with studies in other environmentally-related disciplines, including economics, biology, political science, and earth science.
- The **Pharmacological Chemistry B.S.** has a curriculum that includes the requirements of most California pharmacy schools, but which also allows students to prepare for graduate school, health careers, or chemistry work.
- The **Molecular Synthesis B.S.** provides thorough training in all aspects of molecular substances with a fundamental understanding of structure and reactivity.

Chemistry Minor

- A minor in chemistry consists of three lower-division lecture courses and a minimum of four upper-division courses, including at least one laboratory course.

DISCONTINUED MAJORS

- The **Bioinformatics B.S.** in the Department of Chemistry & Biochemistry provides an interdisciplinary program focusing on the quantitative study of biological systems from a chemical sciences perspective.
- The **Chemical Education B.S.** combines training in chemistry, physics, earth science, biology and teaching to prepare students for a career in science teaching.
- The **Chemical Physics B.S.** applies concepts from physics to the description of atoms and molecules to analyze matter as a statistical assembly of molecules.

- Department websites are useful tools in planning your academic work at UCSD.
- They contain valuable information such as
 - Course requirement information
 - Important announcements and updates
 - Learning and internship opportunities
 - Current and popular events surrounding the major field
 - Faculty and staff contact information

MARSHALL COLLEGE GE'S AND YOU

- Familiarize yourself with your Marshall College General Education (GE) requirements.



- In addition to your major department websites, you will also want to review your Marshall College website, particularly the General Education page.

GE'S AND YOUR FIRST FALL QUARTER

- The Marshall GE Sheet will be made available on the New Student Site along with Course Recommendations.
- See which GE Requirement courses will be offered this upcoming FA19 quarter.

Fall 2019 Course Offerings to Satisfy TMC General Education Requirements

<p>MATH/STATS/LOGIC: Mathematics & Adv. Statistics</p> <p>MATH 3C. Pre-Calculus (4) Functions and their graphs. Linear and polynomial functions, limits, power functions, exponential and logarithmic, trigonometric functions and their inverses. Emphasis on understanding algebraic, numerical and graphical approaches making use of graphing calculator. (No credit if taken after Math 4C, 1A/12A, or 2A/22A.) Three to more years of high school mathematics or equivalent recommended. Prerequisite: Math Placement Exam qualifying score.</p> <p>MATH 4C. Pre-Calculus for Science and Engineering (4) Review of polynomials, graphing functions and relations: graphing rational functions, effects of linear changes of coordinates, circular functions and right triangle trigonometry, and trigonometric functions. Vectors, Conic sections, Polar coordinates. (No credit if taken after Math 1A/12A or 2A/22A. Two units of credit given if taken after Math 3C.) Prerequisite: Math Placement Exam qualifying score or Math 3C with a grade of C- or better.</p> <p>MATH 10A. Calculus I (4) Differential calculus of functions of one variable, with applications. Functions, graphs, continuity, limits, derivatives, tangent lines, optimization problems. (No credit if taken after Math 20A.) Prerequisite: Math Placement Exam qualifying score or AP Calculus AB score of 3, or SAT II Math Level 2 score of 650 or higher, or Math 3C, or Math 4C.</p> <p>MATH 10B. Calculus II (4) Integral calculus of functions of one variable, with applications. Antiderivatives, definite integrals, the Fundamental Theorem of Calculus, methods of integration, area, volume, separable differential equations. (No credit if taken after Math 20B.) Prerequisite: AP Calculus AB score of 3, 4, or 5 (or equivalent AB subscore on BC exam), Math 10A, Math 20A, or Math 4C.</p> <p>MATH 10C. Calculus III (4) Introduction to functions of more than one variable, vector geometry, partial derivatives, velocity and acceleration vectors, optimization problems. (No credit if taken after or 20C.) Prerequisite: AP Calculus BC score of 3, 4, or 5, or Math 10B, or Math 20B.</p> <p>MATH 20A. Calculus for Science and Engineering (4) Foundations of differential and integral calculus of one variable. Functions, graphs, continuity, limits, derivatives, tangent line. Applications with algebraic, exponential, logarithmic, & trigonometric functions. Introduction of integral. (Two credits given if taken after Math 1A/12A. No credit if taken after Math 1B/12B or Math 1C/12C.) Prerequisite: Math Placement Exam qualifying score, or AP Calculus AB score of 2 or 3 (or equivalent AB subscore on BC exam), or SAT II Math 2C score of 650 or higher, or Math 4C with a grade of C- or better, or Math 10A with a grade of C- or better.</p> <p>MATH 20B. Calculus for Science and Engineering (4) Integral calculus of one variable and its applications, with exponential, logarithmic, hyperbolic, and trigonometric functions. Methods of integration. Infinite series. Polar coordinates in the plane and complex exponentials. (Two units of credit given if taken after Math 1B/12B or Math 1C/12C.) Prerequisite: AP Calculus AB score of 4 or 5, or AP Calculus BC score of 3, or Math 20A with a grade of C- or better, or Math 10B with a grade of C- or better, or Math 20C with a grade of C- or better.</p>	<p>MATH 20C. Calculus and Analytic Geometry for Science and Engineering (4) Vector geometry, vector functions and their derivatives. Partial differentiation. Maxima and minima. Double integration. (Two credits given if taken after Math 10C. Credit not offered for both Math 20C and 315H.) Prerequisite: AP Calculus BC score of 4 or 5, or Math 20B with a grade of C- or better.</p> <p>MATH 180A. Introduction to Probability (4) Probability spaces, random variables, independence, conditional probability, distributions, expectations, variance, joint distributions, central limit theorem. (Two credit offered for Math 180A if Econ 120A previously, no credit offered for Math 180A if Math 183 or 186 taken previously or concurrently.) Five or concurrent enrollment in Math 109 is highly recommended. Prerequisite: Math 20C or Math 312H, or consent of instructor.</p> <p>MATH/STATS/LOGIC: Introductory Statistics</p> <p>COGS 14A. Introduction to Research Methods (4) Introduction to the scientific method, Methods, Observation, Experimentation and design. Correlational and observational studies, Ethics in Research. Prerequisite: none.</p> <p>PSOL 300. Political Inquiry (4) Introduction to the logic of inference in social science and to quantitative analysis in political science and public policy including research design, data collection, data description and computer graphics, and the logic of statistical inference (including linear regression). Prerequisite: none.</p> <p>PSYC 66. Introduction to Statistics (4) Introduction to both descriptive and inferential statistics, core tools in the process of scientific discovery and the interpretation of research. Prerequisite: none.</p> <p>SOCI 66. The Practice of Social Research (4) Introduction to fundamental principles of the design of social research. Examine varieties of evidence, sampling methods, logic of comparison, and causal reasoning. No credit for SOCI 60 and SOCI 60. Prerequisite: none.</p> <p>MATH/STATS/LOGIC: Computer Programming & Logic</p> <p>CSE 5A. Introduction to Programming I (4) Introduction to algorithms and top-down problem solving. Introduction to the C language including functions, arrays, and standard libraries. Basic skills for using a PC graphical user interface operating system environment. File management utilities are covered. (No credit if taken after CSE 111 or CSE 68.) Recommended preparation: A familiarity with high school level algebra is expected, but this course assumes no prior programming knowledge. Prerequisite: none.</p> <p>MAE 5. Quantitative Computer Skills (4) Introductory course for non-engineering majors. Use of computers in solving problems, applications from the sciences, physical sciences, and engineering. Students run existing computer programs and complete some programming in BASIC. Prerequisite: none.</p> <p>PHIL 1B. Introduction to Logic (4) Basic concepts and techniques in both informal and formal logic and reasoning, including a discussion of argument, inference, proof, and common fallacies, and an introduction to the syntax, semantics, and proof methods in sentential (propositional) logic. Prerequisite: none.</p>
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- Our office has made a convenient Fall 2019 GE Sheet that lists which GE courses are available this upcoming fall quarter.
- The GE Sheet will be made available on the New Student Site along with your course recommendations.
- Be sure to review your GE and major requirements when you see your course recommendations to learn which of your lower division requirements overlap.

MARSHALL COLLEGE GE REQUIREMENTS

- Review all GE requirements not listed or met from your course recommendations.
- Visit the Marshall College General Education page at: marshall.ucsd.edu/ge
- Review more information about each of the GE requirements.

General Education Requirements for Freshmen Students

+ Expand All

- ▶ Dimensions of Culture (DOC)
- ▶ Mathematics, Statistics and Logic
- ▶ Natural Science
- ▶ Fine Arts
- ▶ Humanities/Culture
- ▶ Disciplinary Breadth

+ Expand All

- You can review a full list of all of the Marshall College GE requirements by visiting marshall.ucsd.edu/GE
- Here, you will find more information about the various Marshall College GE requirements and courses that can meet the requirements beyond your first quarter at UCSD.

PREPARING FOR MY FALL QUARTER ENROLLMENT

- Do I have course recommendations for major and GE requirements?
- Is my course placement correct?
- Did I send in all of my transcripts and test scores?
- How can I contact an advisor about my recommendations?

Recommended Courses

Course	Comments
WRITING	Our records show that you have not met the Entry Level Writing Requirement (ELWR), a time sensitive University-wide Graduation Requirement with limited quarters of eligibility. If this is not correct, please submit your official scores or transcripts immediately to the UC San Diego Office of Admissions. If you do not have any other way to meet the ELWR, you must take the UC Analytical Writing Placement Exam (AWPE) in August or September at UC San Diego. Register for the exam at the Analytical Writing Program website immediately. If you pass the AWPE, you will fulfill the ELWR and will be able to enroll in the Marshall College Dimensions of Culture (DOC) writing program starting with DOC 1, pending seat availability. If you do not pass the AWPE, you must enroll in either AWP 1 or AWP 2A, depending on your placement.
MATH 4C	The MATH 20 sequence is required for your major.
CHEM 6A	This course is required by the major you have selected or proposed.
GE Course	Please review the following to choose an approved GE course: Fall Course Offerings to Satisfy TMC General Education Requirements [PDF]
Freshman Seminar	Consider enrolling in a 1-unit Freshman Seminar. Freshman seminars are small, informal classes (20-student limit) that give you an opportunity to interact with faculty in a small classroom environment. Faculty teach in their fields of expertise and explore topics of intellectual importance. Topics vary from quarter to quarter.
Course Placement Comments	You have indicated (in your academic background) that you are interested in a Pre-Health field. Therefore, your recommendations include appropriate math and science courses for your first quarter at UC San Diego. For more information on pre-health course prerequisites, please visit: http://healthbeat.ucsd.edu/prepare/Academic%20Preparation.html It is important to note you can be any major and take the required courses to go to medical or professional schools. Most Pre-Health programs encourage you to explore your interests as an undergraduate.

- After receiving your Course Recommendations on August 16th and reviewing your other academic resources, confirm you are ready for enrollment starting August 28th by asking yourself the following questions.
- Do your course recommendations have major and GE requirements listed?
- Is your course placement correct?
- Did you send all transcripts and test scores to the UCSD Office of Admissions?
- Mark your calendar for August 19th. Academic advising will be available online on the New Student Site.

WEBREG AND COURSE ENROLLMENT

- After planning out your first fall quarter, it's time to enroll starting August 29.
- Use the following information to help you organize your fall quarter courses:
 - Your Course Recommendations
 - Your Marshall College Advising Team
 - Available online starting August 20
 - Visit the WebReg tutorial at:
 - tinyurl.com/webregtutorial

UC San Diego

- Make sure you use all the information discussed in today's webinar session, as well as all the valuable information listed for you on the New Student Site as you prepare to enroll.
- You can also learn more about registering for courses by visiting the WebReg tutorial online at tinyurl.com/webregtutorial

QUESTIONS? COMMENTS? CONCERNS?

THANK YOU FOR TUNING IN!

Marshall College, Academic Advising

- At this time, we will review and answer any incoming questions you may have.
- Please keep in mind that only questions open to the general public can be addressed during our session.
- If you have questions that are specific to your record or personal situation, please access Online Advising on August 19th.