Graduating Senior Survey 2013-14

T1 The following survey seeks your input regarding your time at UC Merced, your post-graduation plans, and your future as a UC Merced alum. We appreciate your participation in this survey and will use the results to evaluate and improve our academic programs, our services and our communication with UC Merced alumni.

T2 Your time at UC Merced

QN1 Today, how connected to or disconnected from UC Merced do you feel?

- O Very connected (1)
- O Connected (2)
- O Disconnected (3)
- O Very disconnected (4)

Q24 In your time at UC Merced, which three faculty or staff members had the most meaningful impact on your university experience?

Faculty / Staff Name (1)

Faculty / Staff Name (2)

Faculty / Staff Name (3)

T3 UC Merced Library

QN2 Please select your level of agreement or disagreement with the following statements about UC Merced's Library.

OC Merceu's Library.						
	Not Applicable (5)	Strongly Agree (1)	Agree (2)	Disagree (3)	Strongly Disagree (4)	
The individual study spaces in the library supported my academic progress. (1)	•	•	•	•	•	
The collaborative study spaces in the library supported my academic progress. (2)	•	•	•	•	•	
The information resources provided by the library supported my academic progress. (3)	•	•	•	•	•	
When I asked for help at a library service desk, I received satisfactory assistance from library staff. (4)	•	•	•	•	•	
When I asked for help finding information for my papers and projects, I received satisfactory assistance from library staff. (5)	•	•	•	•	•	
The library research instruction I	0	•	•	•	•	

received helped me find suitable information resources for my papers and projects.			
(6)			

QN3 In how many classes did you receive library research instruction from library staff during your time at UC Merced?

- O None (1)
- O 1 class (2)
- **Q** 2 classes (3)
- **3** classes (4)
- O 4 or more classes (5)

T4 Participation in Research
QN4 Did you conduct research with a faculty member as an undergraduate at UC Merced? O Yes (1) O No (2)
Answer If Did you conduct research with a faculty member as undergr Yes Is Selected
QN5 Please complete the following information about your undergraduate research efforts (if you participated in more than one research effort, please consider the one you spent the most time on when completing this question). Name of supervising faculty member (1)
Approximate number of months you were involved in this research (2)
Approximate number of hours per month you were involved in this research (3) General field of research of the project in which you were involved (4)
Answer If Did you participate in undergraduate research while study Yes Is Selected
QN6 Did you present results from your research outside the classroom at UC Merced or elsewhere? (e.g. at UC Merced Research Week, in publications, at conferences) • Yes (1) • No (2)
QN7 In which of the following formal undergraduate research / graduate preparation programs did you participate at UC Merced? (Please select all that apply.)
Center of Excellence on Health Disparities (1)
 UC LEADS - Leadership Excellence through Advanced Degrees (2) CAMP - CA Alliance for Minority Participation in Science, Engineering and Mathematics (3) Undergraduate Research and Mentoring Program in Computational Biology (5) McNair Scholars (8)
■ MARC - Minority Access to Research Careers (9)
☐ UC COINS - Center of Integrated Nanomechanical Systems (4)
□ USDA HSI Scholars (10)
□ PG&E Engineering Summer Scholars (11)
☐ Yosemite Environmental Science REU (Research Experience for Undergraduates) (12)☐ Other (please specify) (6)
☐ None - I did not participate in formal research / preparation programs at UC Merced (7)

T5 Participation in Recreation and Athletics

und	8 In which Recreation and Athletics programs did you participate at any time during your lergraduate studies at UC Merced? (Please select all that apply.) Intramural sports (1) Sports clubs (2) Outdoor Experience Program (outdoor trips) (3) Fitness classes (4) Free recreation (general use of the Gallo Recreation Center) (5) None (6)
Ans	wer If In which Recreation and Athletics programs did you partic None Is Selected
	9 Why did you choose not to participate in any Recreation and Athletics programs? (please
	ect all that apply)
	I was not aware of these programs. (1)
	I was not interested in these programs. (2)
	I did not have enough time. (3)
	I did not have enough money. (4) Other (please specify) (5)
_	Other (please specify) (5)
	11 What recreation and/or athletic programs would you have participated in had they been ered?
	Badminton (1)
	Baseball (2)
	Martial Arts / Kickboxing (4)
	Rock Climbing (5)
	Rowing / Sailing (6)
	Swimming (7)
	Tennis (8)
	Track and Field (9)
	Walking Group (10)
	Water Polo (3) Volleyball (in Grass or Sand) (11)
	Other (please specify) (14)
_	Other (piedee speedily) (17)

T7 Your post-graduation plans

Q1	What are your current post-graduation plans? (Please select all that apply.)
	I am continuing employment in my current job. (1)
	I have accepted full-time employment at a new employer. (2)
	I have accepted part-time employment at a new employer. (3)
	I have accepted an internship. (4)
	I am reviewing a job offer. (5)
	I have started my own business. (6)
	I have accepted public service employment (military, Peace Corps, Teach for America, etc.)
	(7)
	I have been accepted into graduate or professional school. (8)
	I have applied to graduate or professional school, but have not yet been accepted. (9)
	I am continuing my education, but not in graduate school (e.g. second bachelor's, EMT,
	etc.). (10)
	I will take time off before finding a job. (11)
	I am an international student and will return to my home country. (12)
	I am searching for full-time employment. (13)
	I am searching for part-time employment. (14)
	I have no plans for work. (15)
	Other (please specify) (16)

Answer If What are your current post-graduation plans? (Please sele... I am continuing employment in my current job. Is Selected Or What are your current post-graduation plans? (Please sele... I have accepted full-time employment at a new employer. Is Selected Or What are your current post-graduation plans? (Please sele... I have accepted part-time employment at a new employer. Is Selected Or What are your current post-graduation plans? (Please sele... I have accepted an internship. Is Selected Or What are your current post-graduation plans? (Please sele... I am reviewing a job offer. Is Selected Or What are your current post-graduation plans? (Please sele... I have started my own business. Is Selected Or What are your current post-graduation plans? (Please sele... I have accepted public service employment (military, Peace Corps, Teach for America, etc.). Is Selected

Q7a What are the details of your employment?

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Name of Employer (1)
Job Title (2)
Location - City (3)
Location - State (or country, if not U.S.) (4)
Approximate salary (per year) (5)
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Answer If What are the details of your employment? Name of Employer Is Not Empty And What are the details of your employment? Location - City Is Not Empty

Q7b To better communicate with our alumni, UC Merced Alumni Relations and Career Services would like to know where our alumni are working. If you are willing to share the employment information you just provided with Alumni Affairs and Career Services (name and location of

employer and job title), please check yes below. If you do not check the box, the information you provided will only be shared in the aggregate and not tied to you as an individual. Salary information will never be shared at the individual level.

• Yes, I agree to share my employment information (name and location of employer and job title) with Alumni Affairs and Career Services. (1)

Answer If What are your current post-graduation plans? (please sele... I am continuing employment in my current job. Is Selected Or What are your current post-graduation plans? (please sele... I have accepted full-time employment at a new employer. Is Selected Or What are your current post-graduation plans? (please sele... I have accepted part-time employment at a new employer. Is Selected Or What are your current post-graduation plans? (please sele... I have accepted an internship. Is Selected Or What are your current post-graduation plans? (please sele... I am reviewing a job offer. Is Selected Or What are your current post-graduation plans? (please sele... I have started my own business. Is Selected Or What are your current post-graduation plans? (please sele... I have accepted public service employment (military, Peace Corps, Teach for America, etc.). Is Selected

Q10 How closely related is this job to your:

	Highly related (1)	Moderately related (2)	Slightly related (3)	Not at all related (4)
undergraduate field of study/major? (1)	0	•	•	0
career goals? (2)	O .	O	0	O

Answer If What are your current post-graduation plans? (Please sele... I have been accepted into graduate or professional school. Is Selected

Q3a What are the details of your graduate or professional school plans?

Name of School (1)

Field of Study (2)

Degree Pursuing (3)

Location - City (4)

Location - State (or country, if not U.S.) (5)

Answer If What are your current post-graduation plans? (please sele... I have applied to graduate or professional school, but have not yet been accepted. Is Selected

Q3b To which graduate school(s) have you applied?

Name of School (1)

Name of School (2)

Name of School (3)

Name of School (4)

Name of School (5)

T8 Your future as a UC Merced alum

Q28 Please let us know where we can contact you after graduation. We will use this contact information to follow up with you as a UC Merced alum and will not distribute it to anyone outside the UC Merced campus community. To protect the confidentiality of your responses, your name and contact information will not be associated with your responses to any questions in this survey other than the questions on this screen.

First Name (1)
Last Name (2)
Street Address (3)
City (4)
State (if in U.S.) (5)
Country (if not in U.S.) (6)
Zip Code (7)
Phone Number (8)
Email Address (9)

title_ge The remainder of this questionnaire asks about your educational experiences at UC Merced. The first set of questions below asks about your general education experiences. General education curricula at UC Merced consist of Core 1, Writing 10, and quantitative reasoning courses taken by all incoming freshmen in addition to course distribution requirements endorsed by our three Schools.

Answer If entering_level Is Equal to Frosh

c_gened81 Please indicate your level of agreement with the following statements about your General Education experience.

General Education experience.							
	Strongly Agree (6)	Agree (7)	Neither Agree nor Disagree (8)	Disagree (9)	Strongly Disagree (10)		
General education was a valuable part of my undergraduate education. (1)	•	•	•	•	•		
General education seemed to be a collection of unrelated requirements and separate courses. (2)	•	•	•	•	•		
General education courses were readily available. (3)	0	0	0	•	0		
General education courses contributed to learning in my major. (4)	•	•	•	•	•		
General education courses extended my skills and knowledge beyond my major. (6)	•	•	•	•	•		
Core 1 helped me make connections among academic disciplines. (5)	•	•	•	•	•		
General education	•	•	•	•	•		

courses other than Core 1 helped me make connections among			
academic disciplines. (8)			

Answer If entering_level Is Equal to Frosh

c_gened84 Please indicate your level of agreement with the following:My General Education courses made an important contribution to my ability to ...

Courses made	an important con				
	Strongly Agree (1)	Agree (2)	Neither Agree nor Disagree (4)	Disagree (5)	Strongly Disagree (6)
communicate effectively in writing (1)	0	0	O	0	O
communicate effectively orally (17)	0	0	0	0	O
work well with others (2)	0	0	0	0	O
engage in research (3)	O	O	O	O	O
interpret quantitative information (4)	•	•	•	•	•
evaluate the credibility and bias of information sources (11)	•	•	•	•	•
think critically (5)	•	•	0	•	0
understand and value the diverse perspectives of modern society (9)	•	•	•	•	•
demonstrate creativity (7)	•	•	•	•	•
follow ethical practices of community and profession (8)	•	•	•	•	•
fulfill my personal potential (10)	0	•	•	•	O

t_engr Engineering Majors Please answer the following questions about your experiences in the School of Engineering.
Answer If degree_school1 Is Equal to E Or degree_school2 Is Equal to E
e_all01 I have taken the Fundamentals of Engineering exam. O Yes (1) O No (2)
Answer If I have taken the Fundamentals of Engineering exam. No Is Selected
e_all01a Do you plan to take the Fundamentals of Engineering exam within two years of graduation? O Yes (1) O No (2)
Answer If I have taken the Fundamentals of Engineering exam. Yes Is Selected
e_all01b Do you plan to take the Professional Engineering exam after obtaining appropriate work experience? • Yes (1) • No (2)
Answer If degree_school1 Is Equal to E Or degree_school2 Is Equal to E
e_all02 Have you decided to pursue or are you considering pursuit of an advanced degree (MS, MBA, etc.) in the next 5 years? O Yes (1) O No (2)
Answer If degree_school1 Is Equal to E Or degree_school2 Is Equal to E
e_all04 Were you a student member of, and did you participate in, at least one engineering society professional organization on campus? O Yes (1) O No (2)
Answer If Were you a student member of, and did you participate in, Yes Is Selected

Answer If degree_school1 Is Equal to E Or degree_school2 Is Equal to E

Answer If Were you a student member of, and did you participate in,... Yes Is Selected e_all04b How did these engineering society professional organizations influence your university experience?

e_all04a Which engineering society professional organization(s) did you participate in? (Please

list all.)

Answer If degree_school1 Is Equal to E Or degree_school2 Is Equal to E

e_all05 Please select yes or no for the following statements:

o_uncer reduce select yes or ne	Yes (1)	No (2)
I believe it is important to stay informed on current engineering topics, reading books, articles, and engineering websites. (1)	0	0
I plan to become a full member in an engineering society after graduation. (2)	•	•
My undergraduate education at UC Merced, School of Engineering has adequately prepared me to use my time management and interpersonal communication skills to become a successful engineering professional. (3)	•	•
My undergraduate education at UC Merced, School of Engineering has adequately prepared me to use my skills and techniques for information-gathering to become a successful engineering professional. (4)	•	•
My total undergraduate instruction and guidance at UC Merced, School of Engineering has adequately prepared me to become a successful engineering professional. (5)	•	•

Answer If degree_major1 Is Equal to BENG Or degree_major2 Is Equal to BENG

e_beng01 Bioengineering Our records indicate that you are majoring in Bioengineering. Is this correct?

- O No (1)
- **O** Yes (2)

Answer If degree_major1 Is Equal to BENG And Bioengineering Please answer the following quest... If our records are mistaken and you are not majoring in Bioengineering, please click this button. Is Not Selected Or degree_major2 Is Equal to BENG And Bioengineering Please answer the following quest... If our records are mistaken and you are not majoring in Bioengineering, please click this button. Is Not Selected

e_beng02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	ced	Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficien (4)
Understanding of biology and physiology. (1)	O	•	•	0	0	0	•	O
Capability to apply advanced mathematics (including differential equations and statistics), science, and engineering to solve problems at the interface of engineering and biology. (2)	•	•	•	•	•	•	•	•
Ability to make measurements on, and interpret data from, living systems. (3)	•	•	•	•	0	0	O	0
Ability to address problems associated with the interaction between living and non-living materials and systems. (4)	0	0	0	•	0	•	O	0

Professional and ethical responsibility.	0	O	0	0	0	O	0	O
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Answer If degree_major1 Is Equal to CSE Or degree_major2 Is Equal to CSE

e_cse01 Computer Science and Engineering Our records indicate that you are majoring in Computer Science and Engineering. Is this correct?

- O No (1)
- **O** Yes (2)

Answer If degree_major1 Is Equal to CSE And Computer Science and Engineering Please answer t... If our records are mistaken and you are not majoring in Computer Science and Engineering, please click this button. Is Not Selected Or degree_major2 Is Equal to CSE And Computer Science and Engineering Please answer t... If our records are mistaken and you are not majoring in Computer Science and Engineering, please click this button. Is Not Selected

e_cse02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	ced	Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficier (4)
Ability to apply knowledge of computing and mathematics appropriate to the discipline. (1)	0	0	0	0	0	0	0	0
Ability to analyze a problem and identify the computing requirements appropriate for its solution. (2)	•	•	•	•	•	•	•	0
Ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs. (3)	•	•	•	•	•	•	•	•
Ability to function effectively as a member of a team in order to accomplish a common goal. (4)	O	O	O	0	O	•	O	O

Understanding of professional, ethical, legal, security, and social issues and responsibilities. (5)	0	0	0	0	O	0	0	O
Ability to communicate effectively in writing with a range of audiences. (6)	•	•	•	•	•	•	•	0
Ability to communicate effectively orally with a range of audiences.	•	•	•	•	•	•	•	O
Ability to analyze the local and global impact of computing on individuals, organizations, and society. (7)	0	0	0	0	0	•	0	0
Recognition of the need for, and an ability to engage in, continuing professional development. (8)	•	•	•	•	•	•	•	0
Ability to apply mathematical foundations, algorithmic principles, and computer science theory to the modeling and design of computer based systems in a way that	•	•	•	•	•	•	•	0

demonstrates comprehension of the tradeoffs involved in design choices. (9)								
Ability to apply design and development principles in the construction of software systems of	O	O	O	O	O	O	O	O
varying complexity.								

Answer If degree_major1 Is Equal to ENVE Or degree_major2 Is Equal to ENVE

e_enve01 Environmental Engineering Our records indicate that you are majoring in Environmental Engineering. Is this correct?

- O No (1)
- O Yes (2)

Answer If degree_major1 Is Equal to ENVE And Environmental Engineering Please answer the foll... If our records are mistaken and you are not majoring in Environmental Engineering, please click this button. Is Not Selected Or degree_major2 Is Equal to ENVE And Environmental Engineering Please answer the foll... If our records are mistaken and you are not majoring in Environmental Engineering, please click this button. Is Not Selected e_enve02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

a second score for	today.							
	Wh	en you started	d at UC Mer	ced		Tod	ay	
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not profici (4)
Ability to apply knowledge of mathematics, science, and engineering (1)	0	O	0	0	•	0	0	0
Ability to design and conduct experiments, as well as to analyze and interpret data (2)	•	•	•	•	•	•	•	•
Ability to design a system, component, or process to meet desired needs with realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability. (3)	•	•	•	•	•	•	•	•
Ability to function on multidisciplinary teams. (4)	•	O	•	•	•	O	•	0
Ability to identify, formulate, and solve engineering problems. (5)	•	O	•	•	•	0	•	0
Understanding of	O	O .	O	O	O	O	O	0

professional and ethical responsibility. (6)								
Ability to communicate effectively in writing. (7)	0	O	•	•	0	0	•	O
Ability to communicate effectively when speaking. (12)	O	O	•	•	O	0	•	O
Broad education necessary to understand the impact of engineering solutions in a global economic, environmental, and societal context. (8)	•	O	•	•	•	•	•	O
Recognition of the need for, and an ability to engage in, lifelong learning. (9)	•	O	•	•	•	O	•	O
Knowledge of contemporary issues. (10)	0	•	•	•	0	•	0	O
Ability to use the techniques, skills, and modern engineering tools necessary for engineering practice. (11)	0	O	•	•	0	•	0	O

Answer If degree_major1 Is Equal to MSE Or degree_major2 Is Equal to MSE e_mse01 Materials Science and Engineering Our records indicate that you are majoring in Materials Science and Engineering. Is this correct?

O No (1)

O Yes (2)

Answer If degree_major1 Is Equal to MSE And Materials Science and Engineering Please answer ... If our records are mistaken and you are not majoring in Materials Science and

Engineering, please click this button. Is Not Selected Or degree_major2 Is Equal to MSE And Materials Science and Engineering Please answer ... If our records are mistaken and you are not majoring in Materials Science and Engineering, please click this button. Is Not Selected

e_mse02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	ced	Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not profici (4)
Ability to apply knowledge of mathematics, science, and engineering (1)	O	•	0	•	O	O	O	O
Ability to design and conduct experiments, as well as to analyze and interpret data (2)	•	•	•	•	•	•	O	O
Ability to design a system, component, or process to meet desired needs with realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability. (3)	•	•	•	•	•	O	0	0
Ability to function on multidisciplinary teams. (4)	0	0	•	0	0	O	0	0
Ability to identify, formulate, and solve engineering problems. (5)	O	0	0	0	O	•	O	O
Understanding of professional and	O	O	O	O	O	0	0	0

ethical responsibility. (6)								
Ability to communicate effectively in writing. (7)	0	O	0	0	0	O	O	O
Ability to communicate effectively when speaking. (12)	0	O	0	•	0	O	0	O
Broad education necessary to understand the impact of engineering solutions in a global economic, environmental, and societal context. (8)	0	O	•	•	•	•	•	O
Recognition of the need for, and an ability to engage in, lifelong learning. (9)	0	O	O	0	0	O	O	O
Knowledge of contemporary issues. (10)	0	•	0	0	0	•	O	O
Ability to use the techniques, skills, and modern engineering tools necessary for engineering practice. (11)	0	0	0	0	0	0	0	O

Answer If degree_major1 Is Equal to ME Or degree_major2 Is Equal to ME

e_me01 Mechanical Engineering Our records indicate that you are majoring in Mechanical Engineering. Is this correct?

O No (1)

O Yes (2)

Answer If degree_major1 Is Equal to ME And Mechanical Engineering Please answer the followi... If our records are mistaken and you are not majoring in Mechanical Engineering, please click this button. Is Not Selected Or degree_major2 Is Equal to ME And

Mechanical Engineering Please answer the followi... If our records are mistaken and you are not majoring in Mechanical Engineering, please click this button. Is Not Selected

e_me02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

a second score for		en you started	t at LIC Mar	ced		Tod	av.		
					Today				
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not profici (4)	
Ability to apply knowledge of mathematics, science, and engineering. (1)	•	•	•	•	•	0	O	0	
Ability to design and conduct experiments, as well as to analyze and interpret data. (2)	•	•	•	•	•	•	0	O	
Ability to design a system, component, or process to meet desired needs with realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability. (3)	•	•	•	•	•	•	0	0	
Ability to function on multidisciplinary teams. (4)	•	•	•	•	•	O	•	O	
Ability to identify, formulate, and solve engineering problems. (5)	•	•	•	•	0	O	•	O	
Understanding of professional and ethical responsibility. (6)	0	•	O	O	O	0	0	0	

Ability to communicate effectively in writing. (7)	O	O	0	0	0	O	0	O
Ability to communicate effectively when speaking. (12)	•	O	•	•	•	O	•	O
Broad education necessary to understand the impact of engineering solutions in a global economic, environmental, and societal context. (8)	•	O	0	•	•	O	•	O
Recognition of the need for, and an ability to engage in, lifelong learning. (9)	0	O	0	•	•	0	•	O
Knowledge of contemporary issues. (10)	0	•	•	•	0	•	•	O
Ability to use the techniques, skills, and modern engineering tools necessary for engineering practice. (11)	O	O	0	•	•	O	0	0

Answer If degree_school1 Is Equal to E Or degree_school2 Is Equal to E

e_all86 Please answer yes or no to the following questions:

	Yes (1)	No (2)
If you were starting over at the beginning of your college career, would you choose engineering again? (1)	•	0
Do you believe you were given adequate support and guidance from your academic advisor? (2)	•	•

Answer If degree_school1 Is Equal to E Or degree_school2 Is Equal to E

e_all81 What single class or other academic experience was your most positive undergraduate experience? What was the most negative?

Answer If degree_school1 Is Equal to E Or degree_school2 Is Equal to E

e_all85 Briefly explain why you chose to major in engineering at UC Merced.

Answer If degree_school1 Is Equal to E Or degree_school2 Is Equal to E

e_all87 What advice would you give to first year engineering students just entering the program at UC Merced?

Answer If degree school1 Is Equal to E Or degree school2 Is Equal to E

e_all88 Please include other comments you wish to offer the School of Engineering.

Answer If degree school1 Is Equal to NS Or degree school2 Is Equal to NS

title_ns School of Natural Sciences Majors Please answer the following questions about your experiences in the School of Natural Sciences.

Answer If degree_major1 Is Equal to BIOS Or degree_major2 Is Equal to BIOS

n_bios01 Biological Sciences Our records indicate that you are majoring in Biological Sciences. Is this correct?

- O No (1)
- **O** Yes (2)

Answer If degree_major1 Is Equal to BIOS And Biological Sciences Please answer the following ... If our records are mistaken and you are not majoring in Biological Sciences, please click this button. Is Not Selected Or degree_major2 Is Equal to BIOS And Biological Sciences Please answer the following ... If our records are mistaken and you are not majoring in Biological Sciences, please click this button. Is Not Selected

n_bios02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	Today				
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficien (4)
Understanding the tenets of modern biology. (1)	•	•	0	•	O	0	0	O
Understanding how cellular functions are integrated from the molecular level to the cellular level, through to the levels of organism, populations, and functioning ecosystems. (2)	•	•	•	•	•	•	•	0
Developing and critiquing hypotheses. (3)	•	•	•	•	•	O	•	O
Designing experiments, models, and/or calculations to address hypotheses. (4)	•	•	0	•	0	0	O	O
Using appropriate instrumentation and computational tools to collect	•	0	•	•	•	•	•	0

data. (5) Using appropriate instrumentation and computational tools to analyze data. (6)	•	•	•	•	•	•	•	•
Using appropriate instrumentation and computational tools to interpret data.	•	•	•	•	•	•	•	•
Reading, evaluating, interpreting, and applying numerical information. (8)	•	•	•	•	•	•	•	O
Reading, evaluating, interpreting, and applying general scientific information. (9)	•	•	0	0	0	•	0	O
Applying safety in good laboratory field practices. (10)	0	0	0	0	0	O	O	O

Answer If degree_major1 Is Equal to CHEM Or degree_major2 Is Equal to CHEM

n_chem01 Chemical Sciences Major Our records indicate that you are majoring in Chemical Sciences. Is this correct?

O No (1)

O Yes (2)

Answer If degree_major1 Is Equal to CHEM And Chemical Sciences Please answer the following qu... If our records are mistaken and you are not majoring in Chemical Sciences, please click this button. Is Not Selected Or degree_major2 Is Equal to CHEM And Chemical Sciences Please answer the following qu... If our records are mistaken and you are not majoring in Chemical Sciences, please click this button. Is Not Selected

n_chem02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	When you started at UC Merced				Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficier (4)
Describing major concepts and theoretical principles in chemistry. (1)	0	0	0	0	0	•	0	O
Identifying central ideas underlying the principal subfields of chemistry - analytical, inorganic, organic, and physical chemistry. (2)	0	0	0	•	0	0	0	O
Identifying central ideas underlying the broader interdisciplinary subfields of biological, environmental, and materials chemistry. (3)	•	•	•	•	•	•	•	O
Operating modern chemical instrumentation.	0	•	0	•	0	•	0	O
Performing chemical syntheses and carrying out	•	0	•	•	•	O	•	•

other essential chemical								
experiments with strict								
adherence to sound								
laboratory								
techniques as well as good								
safety and hygiene								
practices. (5)								
Understanding how to use								
modern web-								
based methods to effectively	•	0	O	O	•	O	O	O
search the scientific								
literature. (6)								
Integrating fundamental								
knowledge and	O	O	O	O	0	O	O	0
skills into scientific	_			_	_	_	_	_
inquiries. (7)								
Formulating well-defined								
and quantitative questions,								
developing								
testable hypotheses,								
designing and executing	O	0	O	O	O	O .	O	O
experiments,								
analyzing and interpreting the								
results, and reaching								
appropriate								
conclusions. (8) Critically								
analyzing the								
work of other scientists and	O	O	O	O	O	O	O	O
assessing its correctness,								
importance,								

and relevance. (9) Writing								
organized and concise reports using electronic media, posters, and oral presentations.	O	O	O	0	O	0	0	O
Presenting technical information using electronic media, posters, and oral presentations.	•	•	· ·	0	•	•	•	O
Working effectively both as a leader and a team member in a group using communication and teamwork skills. (12)	0	O	O	•	O	0	0	O
Conducting yourself ethically and responsibly in science-related professions. (13)	0	O	O	0	0	0	•	O

Answer If degree_major1 Is Equal to ESS Or degree_major2 Is Equal to ESS

n_ess01 Earth Systems Science Our records indicate that you are majoring in Earth Systems Science. Is this correct?

- O No (1)
- O Yes (2)

Answer If degree_major1 Is Equal to ESS And Earth Systems Science Please answer the followin... If our records are mistaken and you are not minoring in Earth Systems Science, please click this button. Is Not Selected Or degree_major2 Is Equal to ESS And Earth Systems Science Please answer the followin... If our records are mistaken and you are not minoring in Earth Systems Science, please click this button. Is Not Selected

n_ess02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	When you started at UC Merced				Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficier (4)
Understanding basic methodologies using foundational knowledge of physics, chemistry, biology, and mathematics related to Earth systems. (1)	•	•	•	•	•	•	•	0
Understanding data analysis using foundational knowledge of physics, chemistry, biology, and mathematics related to Earth systems. (2)	0	0	•	0	0	0	0	O
Interpreting a variety of Earth-related data using foundational knowledge of physics, chemistry, biology, and mathematics related to Earth systems. (3)	0	0	•	•	0	0	0	O

Understanding major concepts, theoretical principles, experimental findings, and areas of study related to Earth systems science. (4)	•	•	0	•	•	•	•	0
Comprehending interactions between natural Earth systems and human economic, political, and social systems.	0	O	O	0	0	0	0	O
Employing critical thinking in the formulation of research questions, experimental design, application and use of laboratory and field instrumentation, and analysis and interpretation of data related to Earth systems. (6)	•	•	•	•	•	•	•	0
Employing quantitative and numerical analyses in the formulation of research questions, experimental design, application and use of	•	•	•	•	•	•	•	O

laboratory and field instrumentation, and analysis and interpretation of data related to Earth systems.								
Employing hypothesis- driven methods of scientific inquiry in the formulation of research questions, experimental design, application and	O	O	O	O	O	O	O	0
use of laboratory and field instrumentation, and analysis and interpretation of data related to Earth systems. (8)								
Transmitting complex technical information through effective written communication skills. (9)	0	0	•	0	0	0	0	•
Transmitting complex technical information through effective oral communication skills. (10)	O	O	•	0	•	•	•	•
Working effectively individually in	O	•	O	O	O	0	0	O

classroom, laboratory, and field settings. (11)								
Working effectively in teams in classroom, laboratory, and field settings. (12)	O	O	O	O	O	O	•	•

Answer If degree_major1 Is Equal to MATH Or degree_major2 Is Equal to MATH n_math01 Applied Mathematical Sciences Major Our records indicate that you are majoring in Applied Mathematical Sciences. Is this correct?

- O No (1)
- **O** Yes (2)

Answer If degree_major1 Is Equal to MATH And Applied Mathematical Sciences Please answer the ... If our records are mistaken and you are not majoring in Applied Mathematical Sciences, please click this button. Is Not Selected Or degree_major2 Is Equal to MATH And Applied Mathematical Sciences Please answer the ... If our records are mistaken and you are not majoring in Applied Mathematical Sciences, please click this button. Is Not Selected

n_math02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

a second score for today.								
	Wh	en you started	d at UC Mer		Tod	ay		
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficier (4)
Solving mathematical problems using analytical methods. (1)	0	•	0	0	0	0	0	O
Solving mathematical problems using computational methods. (2)	0	O	0	0	0	•	•	O
Recognizing the relationships between different areas of mathematics. (3)	0	•	0	0	0	0	0	O
Recognizing the connections between mathematics and other disciplines. (4)	0	0	0	0	0	0	0	O
Giving clear and organized written explanations of mathematical ideas to a variety of audiences. (5)	O	O	O	•	•	•	•	O
Giving clear	O	O	O	O	O	O	O	0

and organized verbal explanations of mathematical ideas to a variety of audiences. (8)								
Modelling real- world problems mathematically. (6)	•	O	O	0	0	0	•	•
Analyzing mathematical models using your mastery of the core concepts. (7)	O	O	O	O	O	•	•	O

Answer If degree_major1 Is Equal to PHYS Or degree_major2 Is Equal to PHYS

n_phys01 Physics Major Our records indicate that you are majoring in Physics. Is this correct?

O No (1)

Answer If degree_major1 Is Equal to PHYS And Physics Major Please answer the following questi... If our records are mistaken and you are not majoring in Physics, please click this button. Is Not Selected Or degree_major2 Is Equal to PHYS And Physics Major Please answer the following questi... If our records are mistaken and you are not majoring in Physics, please click this button. Is Not Selected

n_phys02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	When you started at UC Merced					Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficier (4)	
Applying basic physical principles - including classical mechanics, electricity and magnetism, quantum mechanics, and statistical mechanics - to explain, analyze, and predict a variety of natural phenomena. (1)	O	O	O	0	O	O	O	O	
Translating physical concepts into mathematical language. (2)	0	O	0	0	0	O	O	O	
Applying advanced mathematical techniques (e.g., calculus, linear algebra, probability, and statistics) in explanations, analyses, and predictions of physical	•	•	•	•	•	•	•	•	

		1					1	
phenomena. (3)								
Taking physical measurements in an experimental laboratory setting. (4)	O	O	0	0	0	0	O	O
Analyzing experimental results to draw conclusions about the physical system under investigation, including whether the data support or refute a given physical model. (5)	0	O	0	O	0	•	0	0
Clearly explaining mathematical and physical reasoning orally. (6)	0	0	0	0	0	•	0	0
Clearly explaining mathematical and physical reasoning in writing. (7)	•	•	•	•	•	•	0	O
Communicating and working effectively in groups on a common project. (8)	•	•	•	O	•	•	•	O
Applying sound scientific research methods to address research questions by researching the	•	•	•	•	•	•	•	O

current literature. (9)										
Applying sound scientific										
research										
methods to address										
research questions by	•	•	•	Q	•	O	O			
developing										
independent results (e.g.,										
during your undergraduate										
research). (10)										
Answer If degre	e_school1 l	s Equal to SS	SHA Or deg	ree_school	2 Is Equal to	o SSHA				
tssha_all Foreigr	n Language	Courses								
Answer If degre					• • • • • • • • • • • • • • • • • • •					
ssha_fl01 Did yo Yes, at UC M	•	foreign langua	ige courses	? (Please se	elect all that	apply.)				
Yes, at anoth	` '	university. (2)								
□ No (3)										
Answer If Did yo	•	•	•							
ssha_fl02 Please choose the best explanation(s) for why you did not take any foreign language courses. (Please select all that apply.)										
☐ Foreign language courses were not interesting to me. (1)										
	 Foreign language courses did not fit into my degree requirements. (2) Foreign language courses were not offered at times that fit my class schedules. (3) 									
☐ Foreign language courses were not relevant to my career and/or graduate school priorities.										
` '	(4) ☐ There were not enough foreign language courses offered to interest me. (5)									
	-									

 \mathbf{O}

Answer If Please choose the best explanation(s) for why you did not There were not enough
foreign language courses offered to interest me. Is Selected
ssha_fl03 Which foreign language(s) would you have been interested in taking? (Please select
all that apply.)
☐ Arabic (1)
☐ Armenian (2)
□ Farsi (3)
☐ Filipino (4)
☐ French (5)
German (6)
☐ Hindi (7)
☐ Hmong (8)
Indigenous minority languages and dialects (9)
☐ Italian (10)
☐ Japanese (11)
Mandarin (Chinese) (12)
Russian (13)
☐ Thai (14)
☐ Vietnamese (15)
☐ Other (please describe) (16)
Answer If Did you take any foreign language courses? (Please select Yes, at UC Merced. Is Selected Or Did you take any foreign language courses? (Please select Yes, at another college/university. Is Selected
ssha_fl04 In what ways did you benefit from the foreign language course(s)? (Please select all
that apply.)
☐ It satisfied an elective requirement for my degree. (1)
☐ The course(s) complemented my major. (2)
☐ The course(s) helped me to do well in my non-foreign language courses. (3)
☐ The course(s) helped me to increase my understanding of language and cultural diversity.
(4)
☐ The course(s) helped me to prepare for my future career and/or graduate school
(professionally, academically, and/or personally). (5)
☐ Other (please describe) (6)
Answer If degree_major1 Is Equal to ANTH Or degree_major2 Is Equal to ANTH Or degree_minor1 Is Equal to ANTH Or degree_minor2 Is Equal to ANTH Or degree_minor3 Is Equal to ANTH Or degree_minor4 Is Equal to ANTH
s_anth_01 Anthropology Major or Minor minoring in Anthropology. Is this correct? O No (1) O Yes (2)

Answer If degree_major1 Is Equal to ANTH And Anthropology Major or Minor Our records indicate that you are majoring or minoring in Anthropo... No Is Not Selected Or degree_major2 Is Equal to ANTH And Anthropology Major or Minor Our records indicate that you are majoring or minoring in Anthropo... No Is Not Selected Or degree_minor1 Is Equal to ANTH And Anthropology Major or Minor Our records indicate that you are majoring or minoring in Anthropo... No Is Not Selected Or degree_minor2 Is Equal to ANTH And Anthropology Major or Minor Our records indicate that you are majoring or minoring in Anthropo... No Is Not Selected Or degree_minor3 Is Equal to ANTH And Anthropology Major or Minor Our records indicate that you are majoring or minoring in Anthropo... No Is Not Selected Or degree_minor4 Is Equal to ANTH And Anthropology Major or Minor Our records indicate that you are majoring or minoring in Anthropo... No Is Not Selected Or degree_minor4 Is Equal to ANTH And Anthropology Major or Minor Our records indicate that you are majoring or minoring in Anthropo... No Is Not Selected

s_anth02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	When you started at UC Merced					Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficien (4)	
Possess and apply fundamental anthropological knowledge, including terminology, concepts, intellectual traditions, and theoretical approaches.	0	0	0	0	0	0	0	0	
Identify and analyze common topics of research shared by the sub-fields of anthropology.	0	0	0	0	0	0	•	0	
Demonstrate understanding of ethics and responsibility in the practice of anthropology.	O	O	0	0	0	O	O	O	

Describe how ethnographic, archaeological, and biological knowledge contribute to understanding what it means to be human. (4)	•	•	•	•	•	•	•	0
Demonstrate understanding of both qualitative and quantitative research methods as they apply to anthropological inquiry. (5)	•	•	•	•	•	•	•	0
Communicate anthropological knowledge effectively through writing for diverse audiences. (6)	•	•	•	•	•	•	•	•
Communicate anthropological knowledge effectively through oral presentation for diverse audiences. (7)	•	•	•	O	O	•	•	•
Communicate anthropological knowledge effectively through data presentation in various formats for diverse audiences. (8)	•	•	•	•	•	•	•	•

Answer If degree_major1 Is Equal to COGS Or degree_major2 Is Equal to COGS Or degree_minor1 Is Equal to COGS Or degree_minor2 Is Equal to COGS Or degree_minor3 Is Equal to COGS Or degree_minor4 Is Equal to COGS

s_cogs01 Cognitive Sciences Major or Minor Our records indicate that you are majoring or minoring in Cognitive Sciences. Is this correct?

O No (1)

Answer If degree_major1 Is Equal to COGS And Cognitive Sciences Major or Minor Our records indicate that you are majoring or minoring in Co... No Is Not Selected Or degree_major2 Is Equal to COGS And Cognitive Sciences Major or Minor Our records indicate that you are majoring or minoring in Co... No Is Not Selected Or degree minor1 Is Equal to COGS And Cognitive Sciences Major or Minor Our records indicate that you are majoring or minoring in Co... No Is Not Selected Or degree_minor2 Is Equal to COGS And Cognitive Sciences Major or Minor Our records indicate that you are majoring or minoring in Co... No Is Not Selected Or degree_minor3 Is Equal to COGS And Cognitive Sciences Major or Minor Our records indicate that you are majoring or minoring in Co... No Is Not Selected Or degree_minor4 Is Equal to COGS And Cognitive Sciences Major or Minor Our records indicate that you are majoring or minoring in Co... No Is Not Selected

s_cogs02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	ced		Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	
Explain and apply knowledge of landmark findings and theories in cognitive science. (1)	•	0	0	•	0	•	•	O	
Use that knowledge as context for understanding the current state of affairs. (2)	O	O	O	O	O	O	O	O	
Interpret, evaluate, and synthesize information in research papers. (3)	O	•	•	•	•	•	•	•	
Design a cognitive science research project. (4)	O	O	O	O	O	O	O	•	
Write clearly and	O	0	•	•	•	0	•	O	

scientifically. (5)								
Interpret formal and computational approaches in cognitive science. (6)	•	•	•	0	•	•	•	•
Take theoretical positions in cognitive science and argue for or against them. (7)	O	•	•	O	0	•	0	O
Use your cognitive science education outside of the classroom, particularly in a job setting directly or indirectly related to cognitive science. (8)	0	•	•	0	0	•	•	0

Answer If degree_major1 Is Equal to ECON Or degree_major2 Is Equal to ECON Or degree_minor1 Is Equal to ECON Or degree_minor2 Is Equal to ECON Or degree_minor3 Is Equal to ECON Or degree_minor4 Is Equal to ECON

s_econ01 Economics Major or Minor Our records indicate that you are majoring or minoring in Economics. Is this correct?

O No (1)

O Yes (2)

Answer If degree_major1 Is Equal to ECON And Economics Major or Minor Our records indicate that you are majoring or minoring in Economics.... No Is Not Selected Or degree_major2 Is Equal to ECON And Economics Major or Minor Our records indicate that you are majoring or minoring in Economics.... No Is Not Selected Or degree_minor1 Is Equal to ECON And Economics Major or Minor Our records indicate that you are majoring or minoring in Economics.... No Is Not Selected Or degree_minor2 Is Equal to ECON And Economics Major or Minor Our records indicate that you are majoring or minoring in Economics.... No Is Not Selected Or degree_minor3 Is Equal to ECON And Economics Major

or Minor Our records indicate that you are majoring or minoring in Economics.... No Is Not Selected Or degree_minor4 Is Equal to ECON And Economics Major or Minor Our records indicate that you are majoring or minoring in Economics.... No Is Not Selected

s_econ02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

a second score	tor today.							
	Wh	When you started at UC Merced Today						
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)
Understand the role of organizations and institutions in a society. (1)	0	0	O	O	0	O	O	O
Understand the impact of organizations and institutions on the economic environment and outcomes. (2)	0	0	O	O	0	0	O	O
Understand how incentives influence individual and organizational behavior and performance. (3)	0	•	0	•	0	•	0	O
Recognize and describe how government actions affect economic performance. (4)	0	•	0	0	0	•	0	O
Recognize and describe how economic interests	0	•	O	O	0	0	O	0

influence government decisions. (5)								
Design and conduct research that will inform managerial and policy decision-making. (6)	O	O	O	O	•	O	•	O
Collect, analyze, and interpret data using familiar software packages. (7)	O	O	O	O	•	O	•	O
Define problems and identify multifaceted explanations for complex economic phenomena. (8)	O	O	O	O	•	•	•	O
Use information and data from multiple sources to answer the questions at hand. (9)	•	•	•	•	•	•	•	•
Think critically about the information encountered, whether it is in coursework or reported in the media. (10)	•	•	•	•	•	•	•	•
Communicate clearly and cogently in writing using	O	O	O	O	O	O	O	•

modern technology. (11)								
Orally communicate clearly and cogently. (12)	•	0	•	•	•	0	•	•

Answer If degree_major1 Is Equal to ENG Or degree_major2 Is Equal to ENG Or degree_minor1 Is Equal to ENG Or degree_minor2 Is Equal to ENG Or degree_minor3 Is Equal to ENG Or degree_minor4 Is Equal to ENG

s_eng01 English Major or Minor Our records indicate that you are majoring or minoring in English. Is this correct?

- O No (1)
- **O** Yes (2)

Answer If degree_major1 Is Equal to ENG And English Major or Minor Our records indicate that you are majoring or minoring in English. Is this correct? No Is Not Selected Or degree_major2 Is Equal to ENG And English Major or Minor Our records indicate that you are majoring or minoring in English. Is this correct? No Is Not Selected Or degree_minor1 Is Equal to ENG And English Major or Minor Our records indicate that you are majoring or minoring in English. Is this correct? No Is Not Selected Or degree_minor2 Is Equal to ENG And English Major or Minor Our records indicate that you are majoring or minoring in English. Is this correct? No Is Not Selected Or degree_minor3 Is Equal to ENG And English Major or Minor Our records indicate that you are majoring or minoring in English. Is this correct? No Is Not Selected Or degree_minor4 Is Equal to ENG And English Major or Minor Our records indicate that you are majoring or minoring in English. Is this correct? No Is Not Selected S_eng02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

When you started at UC Merced Today										
			1	1	Today					
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)		
Interpret texts with due sensitivity to both textual and contextual cues. (1)	0	0	0	•	•	0	0	0		
Articulate an appreciation of the aesthetic qualities of texts by the standards of their times and places. (2)	0	0	0	0	0	O	0	0		
Demonstrate historical, geographic, and cultural empathy by reading texts written in other times, places, and cultures. (3)	•	•	•	•	•	•	0	•		
Apply	O	O	O	O	O	O	O	O		

interpretive strategies developed in literary study to other academic and professional contexts. (4)								
Write cogently and with sensitivity to audience. (5)	0	0	0	0	0	0	0	0

Answer If degree_major1 Is Equal to HIST Or degree_major2 Is Equal to HIST Or degree_minor1 Is Equal to HIST Or degree_minor2 Is Equal to HIST Or degree_minor3 Is Equal to HIST Or degree_minor4 Is Equal to HIST

s_hist01 History Major or Minor Our records indicate that you are majoring or minoring in History. Is this correct?

O No (1)

Answer If degree_major1 Is Equal to HIST And History Major or Minor Our records indicate that you are majoring or minoring in History. Is thi... No Is Not Selected Or degree_major2 Is Equal to HIST And History Major or Minor Our records indicate that you are majoring or minoring in History. Is thi... No Is Not Selected Or degree_minor1 Is Equal to HIST And History Major or Minor Our records indicate that you are majoring or minoring in History. Is thi... No Is Not Selected Or degree_minor2 Is Equal to HIST And History Major or Minor Our records indicate that you are majoring or minoring in History. Is thi... No Is Not Selected Or degree_minor3 Is Equal to HIST And History Major or Minor Our records indicate that you are majoring or minoring in History. Is thi... No Is Not Selected Or degree_minor4 Is Equal to HIST And History Major or Minor Our records indicate that you are majoring or minoring in History. Is thi... No Is Not Selected

s_hist02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	at UC Mer	ced	Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficien (4)
Place particular events in broader historical contexts, including broad patterns of historical change, structures and representations of power, and forms of identity. (1)	0	•	•	•	0	•	0	0
Analyze change over time. (2)	0	•	0	0	0	•	0	•
Explain how events of the past have influenced the present. (3)	O	0	0	0	0	•	O	•
Analyze primary sources. (4)	0	•	0	0	0	•	0	•
Assess the relationship between	•	0	•	•	•	0	•	•

historical contexts and events, ideas, and processes. (5)								
Identify and summarize an author's argument. (6)	0	•	0	O	O	0	O	O
Identify points of agreement and disagreement	O	O	0	•	O	0	0	•
among conflicting interpretations of the past. (7) Construct a								
well-developed thesis and a persuasive argument. (8)	O	•	0	•	O	0	O	•
Use the library, relevant databases and indexes, and the internet to identify and locate sources.	•	•	•	•	O	•	•	O
Develop bibliographies of primary and secondary sources. (10)	•	•	•	O	O	O	O	O
Master conventions for citations and bibliographies.	0	•	0	0	O	O	0	O
Produce an original research paper (20-page minimum) that analyzes primary and secondary	•	O	•	0	O	O	O	O

sources. (12)								
Organize an analytical essay that sustains an argument over the entire length of the paper. (13)	•	•	•	•	•	•	•	O
Present information in lucid, grammatically correct prose. (14)	•	0	•	•	•	•	•	O
Construct paragraphs with effective topic sentences. (15)	•	0	•	•	•	•	•	O
Make a well organized and clear oral presentation. (17)	0	0	0	0	0	0	0	O

Answer If degree_major1 Is Equal to MGMT Or degree_major2 Is Equal to MGMT Or degree_minor1 Is Equal to MGMT Or degree_minor2 Is Equal to MGMT Or degree_minor3 Is Equal to MGMT Or degree_minor4 Is Equal to MGMT

s_mgmt01 Management Major or Minor Our records indicate that you are majoring or minoring in Management. Is this correct?

- O No (1)
- **O** Yes (2)

Answer If degree_major1 Is Equal to MGMT And Management Major or Minor Our records indicate that you are majoring or minoring in Management.... No Is Not Selected Or degree_major2 Is Equal to MGMT And Management Major or Minor that you are majoring or minoring in Management.... No Is Not Selected Or degree minor1 Is Equal to MGMT And Management Major or Minor Our records indicate that you are majoring or minoring in Management.... No Is Not Selected Or degree_minor2 Is Equal to MGMT And Management Major or Minor Our records indicate that you are majoring or minoring in Management.... No Is Not Selected Or degree_minor3 Is Equal to MGMT And Management Major or Minor Our records indicate that you are majoring or minoring in Management.... No Is Not Selected Or degree_minor4 Is Equal to MGMT And Management Major or Minor records indicate that you are majoring or minoring in Management.... No Is Not Selected s mgmt02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	ced	Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	No profic (4)
Analyze and solve problems related to business management. (1)	0	•	0	•	•	0	0	•
Apply theories and concepts from disciplines in Management and Business Economics (accounting, economics, statistics, finance, and marketing) to business management situations. (2)	0	0	0	•	0	0	0	0
Use effective written communication consistent with the discipline and professional environments. (3)	0	0	0	0	0	0	0	0
Use effective oral communication consistent with	•	0	•	•	•	O	0	O

the discipline and professional environments. (11)								
Apply information technology to develop business proposals with recommendations for economic and management strategies and actions. (4)	•	•	•	•	•	•	0	0
Apply information technology to develop business models with recommendations for economic and management strategies and actions. (5)	•	•	•	•	•	•	0	O
Apply information technology to develop business reports with recommendations for economic and management strategies and actions. (6)	•	•	•	•	•	•	O	O
Evaluate ethical issues as they relate to the organization, operations, human resources, and business ventures. (8)	•	•	•	•	•	•	•	O
Evaluate social issues as they relate to the organization, operations, human resources, and business ventures. (9)	0	•	•	•	•	•	0	O

Evaluate external issues (e.g. political climate, national financial trends, etc.) as they relate to the organization, operations, human resources, and business ventures. (10)	•	•	•	•	0	•	O	•

Answer If degree_major1 Is Equal to POLI Or degree_major2 Is Equal to POLI Or degree_minor1 Is Equal to POLI Or degree_minor2 Is Equal to POLI Or degree_minor3 Is Equal to POLI Or degree_minor4 Is Equal to POLI

s_poli01 Political Science Major or Minor Our records indicate that you are majoring or minoring in Political Science. Is this correct?

O No (1)

Answer If degree_major1 Is Equal to POLI And Political Science Major or Minor Our records indicate that you are majoring or minoring in Polit... No Is Not Selected Or degree_major2 Is Equal to POLI And Political Science Major or Minor Our records indicate that you are majoring or minoring in Polit... No Is Not Selected Or degree_minor1 Is Equal to POLI And Political Science Major or Minor Our records indicate that you are majoring or minoring in Polit... No Is Not Selected Or degree_minor2 Is Equal to POLI And Political Science Major or Minor Our records indicate that you are majoring or minoring in Polit... No Is Not Selected Or degree_minor3 Is Equal to POLI And Political Science Major or Minor Our records indicate that you are majoring or minoring in Polit... No Is Not Selected Or degree_minor4 Is Equal to POLI And Political Science Major or Minor Our records indicate that you are majoring or minoring in Polit... No Is Not Selected

s_poli02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	ced	Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)
Understand the processes, theories, and empirical regularities of political institutions in your chosen emphasis area (American politics, comparative politics, or international relations). (1)	O	O	O	0	0	•	•	0
Understand the processes, theories, and empirical regularities of political behavior in your chosen emphasis area (American	O	O	O	•	•	•	•	•

politics, comparative politics, or international relations). (2)								
Demonstrate social scientific literacy, including basic quantitative literacy. (3)	•	•	•	O	0	0	O	•
Utilize contemporary social science research methods to conduct rigorous research on political phenomena. (4)	•	•	•	•	O	•	•	•
Write effectively, particularly to convey complex concepts and information in a clear and concise manner. (5)	•	•	•	•	O	•	•	•
Apply abstract theory and research methods to understand contemporary political events and public policies. (6)	•	•	0	•	•	•	•	0

Answer If degree_major1 Is Equal to PSY Or degree_major2 Is Equal to PSY Or degree_minor1 Is Equal to PSY Or degree_minor2 Is Equal to PSY Or degree_minor3 Is Equal to PSY Or degree_minor4 Is Equal to PSY

s_psy01 Psychology Major or Minor Our records indicate that you are majoring or minoring in Psychology. Is this correct?

- O No (1)
- O Yes (2)

Answer If degree_major1 Is Equal to PSY And Psychology Major or Minor Our records indicate that you are majoring or minoring in Psychology.... No Is Not Selected Or degree_major2 Is Equal to PSY And Psychology Major or Minor Our records indicate that you are majoring or minoring in Psychology.... No Is Not Selected Or degree minor1 Is Equal to PSY And Psychology Major or Minor Our records indicate that you are majoring or minoring in Psychology.... No Is Not Selected Or degree_minor2 Is Equal to PSY And Psychology Major or Minor Our records indicate that you are majoring or minoring in Psychology.... No Is Not Selected Or degree_minor3 Is Equal to PSY And Psychology Major or Minor Our records indicate that you are majoring or minoring in Psychology.... No Is Not Selected Or degree_minor4 Is Equal to PSY And Psychology Major or Minor Our records indicate that you are majoring or minoring in Psychology.... No Is Not Selected

s_psy02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	ced	Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)
Identify the key substantive content of the field of psychology in memory and thinking. (1)	0	•	•	•	•	•	•	0
Identify the key substantive content of the field of psychology in sensory psychology and physiology. (2)	O	O	O	O	O	O	O	O
Identify the key substantive content of the field of psychology in developmental psychology.	O	0	0	0	0	O	O	O
Identify the key	O	•	0	0	0	•	0	0

substantive content of the field of psychology in clinical and abnormal psychology. (4)								
Identify the key								
substantive content of the field of psychology in social psychology. (5)	O	•	O	O	•	•	O	•
Understand the basic principles of, and correctly interpret applications of, the designs and methods that psychologists use to gather data. (6)	0	0	0	0	0	0	0	•
Correctly interpret the statistical analyses psychologists use to analyze data. (7)	0	0	0	0	0	0	0	0
Apply the writing style used in psychological literature (APA style). (8)	O	O	O	O	O	•	O	•

Answer If degree_major1 Is Equal to SOC Or degree_major2 Is Equal to SOC Or degree_minor1 Is Equal to SOC Or degree_minor2 Is Equal to SOC Or degree_minor3 Is Equal to SOC Or degree_minor4 Is Equal to SOC

s_soc01 Sociology Major or Minor Our records indicate that you are majoring or minoring in Sociology. Is this correct?

O No (1)

Answer If degree_major1 Is Equal to SOC And Sociology Major or Minor Our records indicate that you are majoring or minoring in Sociology. Is... No Is Not Selected Or degree_major2 Is Equal to SOC And Sociology Major or Minor Our records indicate that you are majoring or minoring in Sociology. Is... No Is Not Selected Or degree_minor1 Is Equal to SOC And Sociology Major or Minor Our records indicate that you are majoring or minoring in Sociology. Is... No Is Not Selected Or degree_minor2 Is Equal to SOC And Sociology Major or Minor Our records indicate that you are majoring or minoring in Sociology. Is... No Is Not Selected Or degree_minor3 Is Equal to SOC And Sociology Major or Minor Our records indicate that you are majoring or minoring in Sociology. Is... No Is Not Selected Or degree_minor4 Is Equal to SOC And Sociology Major or Minor Our records indicate that you are majoring or minoring in Sociology Major or Minor Our records indicate that you are majoring or minoring in Sociology. Is... No Is Not Selected

s_soc02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

		Wh	en you started	d at UC Mer	ced	Today			
		Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)
thin the cons	monstrate critical king about e causes and sequences of social quality. (1)	O	•	O	0	•	•	0	•
e so	esign and evaluate empirical ciological earch. (2)	O	O	O	O	O	O	O	•
th per	plain and pply the major eoretical spectives sociology. (3)	O	O	O	0	•	•	0	O
ora writ	mmunicate ally and in ting about ciological acepts. (4)	O	O	O	O	O	O	O	•
so	lse your ciological ducation	O	•	•	•	0	0	•	•

outside the undergraduate classroom, particularly in your career or future study.				
(5)				

Answer If degree_major1 Is Equal to SPAN Or degree_major2 Is Equal to SPAN Or degree_minor1 Is Equal to SPAN Or degree_minor2 Is Equal to SPAN Or degree_minor3 Is Equal to SPAN Or degree_minor4 Is Equal to SPAN

s_span01 Spanish Major or Minor Our records indicate that you are majoring or minoring in Spanish. Is this correct?

- O No (1)
- **O** Yes (2)

Answer If degree_major1 Is Equal to SPAN And Spanish Major or Minor Our records indicate that you are majoring or minoring in Spanish. Is this correct? No Is Not Selected Or degree_major2 Is Equal to SPAN And Spanish Major or Minor Our records indicate that you are majoring or minoring in Spanish. Is this correct? No Is Not Selected Or degree_minor1 Is Equal to SPAN And Spanish Major or Minor Our records indicate that you are majoring or minoring in Spanish. Is this correct? No Is Not Selected Or degree minor2 Is Equal to SPAN And Spanish Major or Minor Our records indicate that you are majoring or minoring in Spanish. Is this correct? No Is Not Selected Or degree minor3 Is Equal to SPAN And Spanish Major or Minor Our records indicate that you are majoring or minoring in Spanish. Is this correct? No Is Not Selected Or degree_minor4 Is Equal to SPAN And Spanish Major or Minor Our records indicate that you are majoring or minoring in Spanish. Is this correct? No Is Not Selected

s_span02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	ced	Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)
Demonstrate Spanish writing skills equivalent to at least the advanced- high level of the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines. (1)	•	O	•	•	•	O	•	0
Demonstrate Spanish reading skills equivalent to at least the advanced- high level of the ACTFL Proficiency Guidelines. (2)	O	O	O	•	•	•	O	•
Demonstrate	O	•	O	O	O	0	O	O

Spanish speaking skills equivalent to at least the advancedhigh level of the ACTFL Proficiency Guidelines.								
Demonstrate listening skills equivalent to at least the advancedhigh level of the ACTFL Proficiency Guidelines.	•	•	•	•	•	•	•	•
Explain and apply the major theoretical perspectives in literary analysis. (5)	•	•	0	0	0	0	O	•
Identify and apply linguistic concepts pertinent to the Spanish language when analyzing written and oral literary texts. (6)	•	•	•	•	•	•	•	•
Identify and apply linguistic concepts pertinent to the Spanish language when analyzing	•	•	•	•	•	•	•	•

written and oral non-literary texts.								
Articulate similarities and differences within the cultures of the Hispanic world by discerning the main topics and characteristics of different historical periods. (8)	•	•	•	•	•	•	•	•
Articulate similarities and differences within the cultures of the Hispanic world by analyzing literary and non-literary texts in light of their historical embedment in the Latin American, US Latino, and Spanish contexts. (9)	O	O	•	O	O	0	0	0

Answer If degree_minor1 Is Equal to AMER Or degree_minor2 Is Equal to AMER Or degree_minor3 Is Equal to AMER Or degree_minor4 Is Equal to AMER

s_amer01 American Studies Minor Our records indicate that you are minoring in American Studies. Is this correct?

- O No (1)
- **O** Yes (2)

Answer If degree_minor1 Is Equal to AMER And American Studies Minor Our records indicate that you are minoring in American Studies. Is this co... No Is Not Selected Or degree_minor2 Is Equal to AMER And American Studies Minor Our records indicate that you are minoring in American Studies. Is this co... No Is Not Selected Or degree_minor3 Is Equal to AMER And American Studies Minor Our records indicate that you are minoring in American Studies. Is this co... No Is Not Selected Or degree_minor4 Is Equal to AMER And American Studies Minor Our records indicate that you are minoring in American Studies. Is this co... No Is Not Selected

s_amer02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	ced	Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficier (4)
Analyze themes in American culture (past and present). (1)	0	•	•	•	•	•	•	O
Raise insightful questions from a multidisciplinary perspective. (2)	O	0	0	0	0	•	0	O
Name and understand interdisciplinary theories and methods. (3)	0	0	0	0	0	0	0	O
Apply interdisciplinary theories and methods to contemporary scenarios. (4)	•	0	0	0	0	0	0	O
Use professional written and oral communication. (5)	O	•	•	•	•	•	0	O
Understand American Studies as a field, including	0	0	0	0	0	O	0	0

current and emerging issues in the discipline. (6)								
Understand the political and historical dimensions of culture and demonstrate this skill in essay and/or exam formats.	0	•	•	•	•	•	•	•

Answer If degree_minor1 Is Equal to CCST Or degree_minor2 Is Equal to CCST Or degree_minor3 Is Equal to CCST Or degree_minor4 Is Equal to CCST

s_ccst01 Chicano/a Studies Minor Our records indicate that you are minoring in Chicano/a Studies. Is this correct?

- O No (1)
- O Yes (2)

Answer If degree_minor1 Is Equal to CCST And Chicano/a Studies Minor Our records indicate that you are minoring in Chicano/a Studies. Is th... No Is Not Selected Or degree_minor2 Is Equal to CCST And Chicano/a Studies Minor Our records indicate that you are minoring in Chicano/a Studies. Is th... No Is Not Selected Or degree_minor3 Is Equal to CCST And Chicano/a Studies Minor Our records indicate that you are minoring in Chicano/a Studies. Is th... No Is Not Selected Or degree_minor4 Is Equal to CCST And Chicano/a Studies Minor Our records indicate that you are minoring in Chicano/a Studies. Is th... No Is Not Selected

s_ccst02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	Today				
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficie (4)
Identify Chicano/a cultural practices, including an understanding of their origins, historical development, and social contexts. (1)	•	•	•	•	•	•	•	•
Analyze Chicano/a cultural practices, including an understanding of their origins, historical development, and social contexts. (2)	•	•	•	•	•	•	•	•
Demonstrate understanding of the role that race, gender and ethnicity have played in defining Chicanos/as as a group, and apply that	0	•	0	0	0	0	0	•

knowledge to specific academic areas (e.g. literature, anthropology, etc.). (3)								
Recognize and discuss internal differences within the Chicano/a group. (4)	O	O	•	•	O	O	O	0
Relate those differences to processes of migration, diaspora, transnationalism,								
and other forms of geographical displacement, as well as to their indigenous roots in the Americas.	0	0	0	0	0	0	0	0
Understand the role that activism and struggle have played in building a Chicano/a consciousness. (6)	O	0	0	0	O	0	O	O
Recognize the main elements of a Chicano/a aesthetics, as manifested in literature and language, as well as in cultural practices and rituals. (7)	0	0	0	•	0	0	0	O
Produce research papers exploring topics salient to Chicano/a Studies. (8)	O	O	0	0	O	O	O	O

Answer If degree_minor1 Is Equal to PHIL Or degree_minor2 Is Equal to PHIL Or degree_minor3 Is Equal to PHIL Or degree_minor4 Is Equal to PHIL

s_phil01 Philosophy Minor Our records indicate that you are minoring in Philosophy. Is this correct?

- O No (1)
- **O** Yes (2)

Answer If degree_minor1 Is Equal to PHIL And Philosophy Minor Our records indicate that you are minoring in Philosophy. Is this correct? No Is Not Selected Or degree_minor2 Is Equal to PHIL And Philosophy Minor Our records indicate that you are minoring in Philosophy. Is this correct? No Is Not Selected Or degree_minor3 Is Equal to PHIL And Philosophy Minor Our records indicate that you are minoring in Philosophy. Is this correct? No Is Not Selected Or degree_minor4 Is Equal to PHIL And Philosophy Minor Our records indicate that you are minoring in Philosophy. Is this correct? No Is Not Selected

s_phil02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

a second scor	-	en you started	cod	Today					
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	
Identify and assess the logic of arguments.	0	•	•	•	•	•	•	O	
Identify and explain the central questions within major topics of philosophical research. (2)	0	•	•	•	O	•	•	•	
Describe the contributions of major thinkers in the philosophical canon. (3)	0	•	•	•	0	•	0	0	
Apply philosophical knowledge (from logic, topics, or ideas) to a subject in another discipline and/or apply knowledge from another discipline to	0	•	•	•	•	•	•	•	

a subject in				
a subject in philosophy.				
(4)				

Answer If degree_minor1 Is Equal to PH Or degree_minor2 Is Equal to PH Or degree_minor3 Is Equal to PH Or degree_minor4 Is Equal to PH

s_ph01 Public Health Minor Our records indicate that you are minoring in Public Health. Is this correct?

- O No (1)
- **O** Yes (2)

Answer If degree_minor1 Is Equal to PH And Public Health Minor Our records indicate that you are minoring in Public Health. Is this correct? No Is Not Selected Or degree_minor2 Is Equal to PH And Public Health Minor Our records indicate that you are minoring in Public Health. Is this correct? No Is Not Selected Or degree_minor3 Is Equal to PH And Public Health Minor Our records indicate that you are minoring in Public Health. Is this correct? No Is Not Selected Or degree_minor4 Is Equal to PH And Public Health Minor Our records indicate that you are minoring in Public Health. Is this correct? No Is Not Selected

s_ph02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	ced	Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)
Define public health and describe the roles and responsibilities of government, non-governmental organizations, and private citizens in maintaining public health.	0	O	0	0	0	•	0	O
Use the theories and principles of Public Health to explain a public health problem. (2)	0	0	0	0	•	•	0	O
Apply public health research methods to conduct rigorous research on public health issues. (3)	0	•	0	0	•	•	0	O
Describe causes and	O	•	O	O	O	0	O	O

risk factors the major areas of foc in Public Health. (4)	us							
Identify and analyze scientific da and other information assess complex public healt challenges.	ta to ••••••••••••••••••••••••••••••••••	0	•	O	0	0	0	0
Communica effectively a persuasive orally. (6)	nd O	0	O	•	•	•	O	0
Communica effectively a persuasive in writing (7	nd y O	O	O	•	•	O	O	•

Answer If degree_minor1 Is Equal to SVSC Or degree_minor2 Is Equal to SVSC Or degree_minor3 Is Equal to SVSC Or degree_minor4 Is Equal to SVSC

s_ss01 Services Science Minor Our records indicate that you are minoring in Services Science. Is this correct?

O No (1)

O Yes (2)

Answer If degree_minor1 Is Equal to SVSC And Services Science Minor Our records indicate that you are minoring in Services Science. Is this correct? No Is Not Selected Or degree_minor2 Is Equal to SVSC And Services Science Minor Our records indicate that you are minoring in Services Science. Is this correct? No Is Not Selected Or degree_minor3 Is Equal to SVSC And Services Science Minor Our records indicate that you are minoring in Services Science. Is this correct? No Is Not Selected Or degree_minor4 Is Equal to SVSC And Services Science Minor Our records indicate that you are minoring in Services Science. Is this correct? No Is Not Selected

s_ss02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	ced	Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficier (4)
Describe how knowledge is converted to value in the services sector.	0	0	0	0	0	0	0	•
Assess how goods and services can be improved, administered, and optimized.	•	•	•	•	•	•	O	O
Apply appropriate information technology to analyze business processes and recommend strategies for improvement and optimization. (3)	•	•	•	•	•	•	•	•
Present basic knowledge of the relationship between IT and service systems. (4)	0	0	0	0	0	O	0	O

Use professionalism in writing that is consistent with the discipline. (5)	O	O	•	O	O	0	•	O
Use professionalism in speaking that is consistent with the discipline.	O	•	•	•	O	0	•	O

Answer If degree_minor1 Is Equal to CHEM Or degree_minor2 Is Equal to CHEM Or degree_minor3 Is Equal to CHEM Or degree_minor4 Is Equal to CHEM

n_ch_min01 Chemical Sciences Minor Our records indicate that you are minoring in Chemical Sciences. Is this correct?

O No (1)

O Yes (2)

Answer If degree_minor1 Is Equal to CHEM And Chemical Sciences Minor Our records indicate that you are minoring in Chemical Sciences. Is this... No Is Not Selected Or degree_minor2 Is Equal to CHEM And Chemical Sciences Minor Our records indicate that you are minoring in Chemical Sciences. Is this... No Is Not Selected Or degree_minor3 Is Equal to CHEM And Chemical Sciences Minor Our records indicate that you are minoring in Chemical Sciences. Is this... No Is Not Selected Or degree_minor4 Is Equal to CHEM And Chemical Sciences Minor Our records indicate that you are minoring in Chemical Sciences. Is this... No Is Not Selected

n_ch_min02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	Today				
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficie (4)
Describing major concepts and theoretical principles in chemistry. (1)	0	0	0	0	O	0	O	•
Identifying central ideas underlying the principal subfields of chemistry - analytical, inorganic, organic, and physical chemistry. (2)	•	•	•	•	•	0	0	•
Identifying central ideas underlying the broader interdisciplinary subfields of biological, environmental, and materials chemistry. (3)	•	•	0	•	0	•	•	•
Operating modern chemical instrumentation. (4)	•	O	O	•	O	O	O	•
Performing	•	O	O	•	O	O	O	O

chemical syntheses and								
carrying out								
other essential								
chemical								
experiments								
with strict adherence to								
sound								
laboratory								
techniques as								
well as good safety and								
hygiene								
practices. (5)								
Understanding								
how to use modern web-								
based methods								
to effectively	O	O	O .	O	O	O	O	O
search the								
scientific literature. (6)								
illerature. (0)								

Answer If degree_minor1 Is Equal to ESSU Or degree_minor2 Is Equal to ESSU Or degree_minor3 Is Equal to ESSU Or degree_minor4 Is Equal to ESSU

n_essu01 Environmental Science and Sustainability Our records indicate that you are minoring in Environmental Science and Sustainability. Is this correct?

- O No (1)
- **O** Yes (2)

Answer If degree_minor1 Is Equal to ESSU And Environmental Science and Sustainability Our records indicate that you are minoring in Environme... No Is Not Selected Or degree_minor2 Is Equal to ESSU And Environmental Science and Sustainability Our records indicate that you are minoring in Environme... No Is Not Selected Or degree_minor3 Is Equal to ESSU And Environmental Science and Sustainability Our records indicate that you are minoring in Environme... No Is Not Selected Or degree_minor4 Is Equal to ESSU And Environmental Science and Sustainability Our records indicate that you are minoring in Environme... No Is Not Selected

n_essu02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	ced	Today				
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficie (4)	
Using knowledge and techniques from three to four areas of Environmental Science and Sustainability (Earth and Atmospheric Science; Environmental Biology; Society and Environment; and Research, Communication, and Design Skills) to gather and report environmental data using appropriate measurement tools. (1)	•	•	•	•	•	•	•	•	
Analyzing information on environmental quality. (2)	•	O	0	0	O	O	0	•	
Recommending appropriate technical,	•	•	•	•	•	0	0	•	

political, or economic solutions to environmental problems. (3)								
to diverse stakeholders the major concepts and principles of Environmental Science and Sustainability, such as how elements of the								
Earth system are interconnected, the carrying capacity of natural systems, and how governmental policy and economics can both perpetuate and solve environmental problems. (4)	•	•	•	•	•	•	•	•

Answer If degree_minor1 Is Equal to MTHM Or degree_minor2 Is Equal to MTHM Or degree_minor3 Is Equal to MTHM Or degree_minor4 Is Equal to MTHM

n_mat_mn01 Applied Mathematical Sciences Minor Our records indicate that you are minoring in Applied Mathematical Sciences. Is this correct?

O No (1)

O Yes (2)

Answer If degree_minor1 Is Equal to MTHM And Applied Mathematical Sciences Minor Our records indicate that you are minoring in Applied Math... No Is Not Selected Or degree_minor2 Is Equal to MTHM And Applied Mathematical Sciences Minor Our records indicate that you are minoring in Applied Math... No Is Not Selected Or degree_minor3 Is Equal to MTHM And Applied Mathematical Sciences Minor Our records indicate that you are minoring in Applied Math... No Is Not Selected Or degree_minor4 Is Equal to MTHM And Applied Mathematical Sciences Minor Our records indicate that you are minoring in Applied Math... No Is Not Selected

n_mat_mn02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Wh	en you started	d at UC Mer	ced	Today			
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)
Solving mathematical problems using analytical methods. (1)	0	0	0	O	0	0	0	O
Solving mathematical problems using computational methods. (2)	•	•	O	O	•	O	O	O
Recognizing the relationships between different areas of mathematics. (3)	•	•	•	O	•	•	•	O
Recognizing the connections between mathematics and other disciplines. (4)	0	•	O	O	0	O	O	O
Giving clear and organized verbal	0	0	0	•	•	O	•	•

explanations of mathematical ideas to a variety of audiences (5)									
Giving clear and organized written explanations of mathematical ideas to a variety of audience (6)	0	•	•	•	•	•	•	0	

Answer If degree_minor1 Is Equal to NSED Or degree_minor2 Is Equal to NSED Or degree_minor3 Is Equal to NSED Or degree_minor4 Is Equal to NSED

n_nsed01 Natural Sciences Education Our records indicate that you are minoring in Natural Sciences Education. Is this correct?

O No (1)

O Yes (2)

Answer If degree_minor1 Is Equal to NSED And Natural Sciences Education Our records indicate that you are minoring in Natural Sciences Educat... No Is Not Selected Or degree_minor2 Is Equal to NSED And Natural Sciences Education Our records indicate that you are minoring in Natural Sciences Educat... No Is Not Selected Or degree_minor3 Is Equal to NSED And Natural Sciences Education Our records indicate that you are minoring in Natural Sciences Educat... No Is Not Selected Or degree_minor4 Is Equal to NSED And Natural Sciences Education Our records indicate that you are minoring in Natural Sciences Educat... No Is Not Selected

n_nsed02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

a second secre for								
	Wh	en you started	at UC Mer	ced		Tod	ay	
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficion (4)
Comprehensively articulating what constitutes responsibilities and duties of a science or mathematics teacher. (1)	•	•	•	•	•	•	O	O
Comprehensively articulating what skills and knowledge are necessary to become a successful professional science or mathematics teacher. (2)	•	•	•	•	0	•	•	0
Develop a lesson plan and deliver an effective lesson at the secondary school level. (3)	0	0	0	0	0	0	•	O
Design different types of assessment to evaluate student learning. (4)	0	0	0	•	0	0	O	O
Distinguish between	O	O	O	O	O .	O	O	O

students with different learning abilities and needs and adapt your teaching methodology to address this diversity. (5)								
Demonstrate familiarity with the California educational credentialing process. (6)	•	•	•	•	•	•	•	0
Demonstrate familiarity with instructional state standards and requirements. (7)	•	•	•	•	•	•	•	O
Demonstrate strategies to address diverse demographics of California schools such as instruction to English learners. (8)	•	•	•	•	•	•	•	O

Answer If degree_minor1 Is Equal to PHYS Or degree_minor2 Is Equal to PHYS Or degree_minor3 Is Equal to PHYS Or degree_minor4 Is Equal to PHYS

n_ph_min01 Physics Minor Our records indicate that you are minoring in Physics. Is this correct?

- O No (1)
- **O** Yes (2)

Answer If degree_minor1 Is Equal to PHYS And Physics Minor Our records indicate that you are minoring in Physics. Is this correct? No Is Not Selected Or degree_minor2 Is Equal to PHYS And Physics Minor Our records indicate that you are minoring in Physics. Is this correct? No Is Not Selected Or degree_minor3 Is Equal to PHYS And Physics Minor Our records indicate that you are minoring in Physics. Is this correct? No Is Not Selected Or degree_minor4 Is Equal to PHYS And Physics Minor Our records indicate that you are minoring in Physics. Is this correct? No Is Not Selected

n_ph_min02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

	Who	en you started	d at UC Mer	ced		Tod	ay	
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)
Applying basic physical principles - including classical mechanics, electricity and magnetism, quantum mechanics, and statistical mechanics - to explain, analyze, and predict a variety of natural phenomena. (1)	0	0	•	•	•	•	O	0
Translating physical concepts into mathematical language. (2)	O	0	O	•	0	O	O	O
Applying advanced mathematical techniques (e.g., calculus,	O	•	•	•	•	O	O	0

linear algebra, probability, and statistics) in explanations, analyses, and predictions of physical phenomena. (3)				

Answer If degree_minor1 Is Equal to WRI Or degree_minor2 Is Equal to WRI Or degree_minor3 Is Equal to WRI Or degree_minor4 Is Equal to WRI

c1_wri01 Writing Minor Our records indicate that you are minoring in Writing. Is this correct?

- O No (1)
- **O** Yes (2)

Answer If degree_minor1 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected Or degree_minor2 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected Or degree_minor3 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected Or degree_minor4 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected

c1_wri02 Please rate yourself on the skills and knowledge in the following statements. Please give yourself two different scores, one score for when you started studying at UC Merced, and a second score for today.

a doddina dddin		en you started	d at LIC Mer	.ced		Tod	21/	
		-	1			1		
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)
Demonstrate engagement with the multi-stage processes of critical reading, formal writing, and public speaking. (1)	O	O	0	O	O	0	O	0
Select and apply the appropriate conventions of personal, academic, or professional forms of expression.	0	0	0	0	0	0	0	0
Synthesize diverse perspectives through collaboration in academic discourse communities.	0	•	•	•	•	•	•	•
Apply professional ethical	•	0	•	•	•	•	•	•

standards to the research process and its public presentation. (4)								
Craft language that reveals aesthetic awareness. (5)	O	O	O	O	0	0	0	O

Answer If degree_minor1 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected Or degree_minor2 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected Or degree_minor3 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected Or degree_minor4 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected

c1_wri03 What type of instruction did you find most helpful for your development as a writer?

- O class workshops (1)
- O peer exchanges of writing (2)
- O consultations with the instructor (3)
- O other (please specify) (4)

Answer If degree_minor1 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected Or degree_minor2 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected Or degree_minor3 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected Or degree_minor4 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected

c1_wri04 How would you rate the quality of the writing instruction provided by the Merritt Writing Program (MWP) relative to what you received in writing-intensive courses outside the MWP? (A writing-intensive course bases 50% or more of the final course grade on written assignments - essays, journals, term papers, in-class written quizzes, or written final exams.) MWP courses were ...

- O much more instructive than other courses (1)
- more instructive than other courses (2)
- O same as other courses (3)
- O less instructive than other courses (4)
- much less instructive than other courses (5)

Answer If degree_minor1 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected Or degree_minor2 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected Or degree_minor3 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected Or degree_minor4 Is Equal to WRI And Writing Minor Our records indicate that you are minoring in Writing. Is this correct? No Is Not Selected

c1_wri05 Relative to the writing you did in other writing-intensive courses, how much writing did

you complete in your writing minor courses? (Writing should be understood to include all stages of drafting and revising and all forms of written exchanges, e.g., online discussion boards or journals.)

O much more than other courses (1)

O more than other courses (2)

O same as other courses (3)

O less than other courses (4)

O much less than other courses (5)

ucm_again Would you chose UC Merced again if you were starting college all over?

O Yes (4)

O Not sure (5)

No (6)

mjr_again Would you chose the same major(s) if you were starting college all over again?

O Yes (4)

O Not sure (5)

mjr_why Please explain your answer to the question about your major above. If there are ways we could improve your program for future students who choose your major, please tell us what they are.

O No (6)

comments We appreciate your taking the time to complete this survey. Your comments and those from your classmates will help us improve our programs and support services. If you have any other comments you'd like to share, please share them below before clicking the "Submit" button.