Graduating Senior Survey 2012-13

T1 Congratulations on your upcoming graduation! 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 or disconnected do you feel to UC Merced?

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

UC Merced'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)	0	0	0	0	o				
The collaborative study spaces in the library supported my academic progress. (2)	0	0	0	0	O				
The information resources provided by the library supported my academic progress. (3)	0	o	0	0	O				
When I asked for help at a library service desk, I received satisfactory assistance from library staff. (4)	0	0	0	0	O				
When I asked for help finding information for my papers and projects, I received satisfactory assistance from library staff. (5)	0	O	0	0	O				
The library research instruction I	О	О	О	О	O				

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

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)

O 2 classes (3)

O 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? • Yes (1)

• 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)

O 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 McNair Scholars (3)
- UC AGEP Alliance for Graduate Education and the Professoriate (4)
- □ Undergraduate Research and Mentoring Program in Computational Biology (5)
- □ Other (please specify) (6) _
- D None I did not participate in formal research / preparation programs at UC Merced (7)

T6 Internship and Work Experience

QN12 Did you have an internship (paid or unpaid) while studying at UC Merced? (Do not count research conducted with a faculty member at UC Merced.)

- O Yes, I had 1 internship. (1)
- O Yes, I had 2 or more internships. (2)

O No (3)

Answer If Did you have an internship (paid or unpaid) while studyin... Yes, I had 1 internship. Is Selected Or Did you have an internship (paid or unpaid) while studyin... Yes, I had 2 or more internships. Is Selected

Q18a Please complete the following information about your first internship.

Name of Employer (1) Job Title (2) Location - City (3) Location - State (or country, if not in U.S.) (4)

Answer If Did you have an internship (paid or unpaid) while studyin... Yes, I had 2 or more internships. Is Selected

Q19a Please complete the following information about your second internship. Name of Employer (1) Job Title (2) Location - City (3) Location - State (or country, if not in U.S.) (4) QN12 Did you ever have an on-campus job while studying at UC Merced?

- O Yes, I had 1 on-campus job. (1)
- O Yes, I had 2 on-campus jobs. (2)
- Yes, I had 3 or more on-campus jobs. (3)
- O No (4)

Answer If Did you ever have an on-campus job while studying at UC M... Yes, I had 1 oncampus job Is Selected Or Did you ever have an on-campus job while studying at UC M... Yes, I had 2 on-campus jobs Is Selected Or Did you ever have an on-campus job while studying at UC M... Yes, I had 3 or more on-campus jobs Is Selected

QN13 1st Job: For which UC Merced unit did you work?

- Administration (1)
- O Admissions (2)
- O Business & Financial Services (3)
- Campus Bookstore (4)
- Career Services (5)
- O Chancellor's Office (6)
- Communications (7)
- Contracts & Grants (8)
- O Development & Alumni Relations (9)
- Dining / Catering (10)
- O Disability Services (11)
- O ECEC (Early Childhood Education Center) (12)
- EH&S (Environmental Health and Safety) (13)
- Facilities (14)
- O Fiat Lux program (15)
- O Financial Aid (16)
- O Government Relations (17)
- Graduate Division (18)
- Health Promotion (19)
- O Housing & Residence Life (20)
- International Programs (21)
- O IT (22)
- O Library (23)
- O OSL (Office of Student Life) (24)
- O Payroll (25)
- O Physical Planning (26)
- Police Department (27)
- O Recreation & Athletics (28)
- Registrar (29)
- O School of Engineering (30)
- O School of Natural Sciences (31)
- O School of Social Science, Humanities & Arts (32)
- O SNRI (Sierra Nevada Research Institute) (33)
- Sponsored Projects (34)
- O Student Advising and Learning (now Bright Success Center) (35)
- O Student Affairs Vice Chancellor (36)
- Students First Center (37)
- O TAPS (Transportation & Parking Services) (38)
- Other (39)

Answer If Did you ever have an on-campus job while studying at UC M... Yes, I had 1 oncampus job Is Selected Or Did you ever have an on-campus job while studying at UC M... Yes, I had 2 on-campus jobs Is Selected Or Did you ever have an on-campus job while studying at UC M... Yes, I had 3 or more on-campus jobs Is Selected

QN13a 1st Job: What was your job title?

Answer If Did you ever have an on-campus job while studying at UC M... Yes, I had 2 oncampus jobs Is Selected Or Did you ever have an on-campus job while studying at UC M... Yes, I had 3 or more on-campus jobs Is Selected

QN14 2nd Job: For which UC Merced unit did you work?

- Administration (1)
- Admissions (2)
- O Business & Financial Services (3)
- O Campus Bookstore (4)
- O Career Services (5)
- O Chancellor's Office (6)
- O Communications (7)
- O Contracts & Grants (8)
- O Development & Alumni Relations (9)
- O Dining / Catering (10)
- O Disability Services (11)
- O ECEC (Early Childhood Education Center) (12)
- EH&S (Environmental Health and Safety) (13)
- Facilities (14)
- Fiat Lux program (15)
- O Financial Aid (16)
- O Government Relations (17)
- O Graduate Division (18)
- Health Promotion (19)
- O Housing & Residence Life (20)
- O International Programs (21)
- O IT (22)
- O Library (23)
- O OSL (Office of Student Life) (24)
- O Payroll (25)
- Physical Planning (26)
- Police Department (27)
- Recreation & Athletics (28)
- O Registrar (29)
- School of Engineering (30)
- O School of Natural Sciences (31)
- O School of Social Science, Humanities & Arts (32)
- O SNRI (Sierra Nevada Research Institute) (33)
- O Sponsored Projects (34)
- O Student Advising and Learning (now Bright Success Center) (35)
- O Student Affairs Vice Chancellor (36)
- Students First Center (37)
- O TAPS (Transportation & Parking Services) (38)
- O Other (39)

Answer If Did you ever have an on-campus job while studying at UC M... Yes, I had 2 oncampus jobs Is Selected Or Did you ever have an on-campus job while studying at UC M... Yes, I had 3 or more on-campus jobs Is Selected QN14a 2nd Job: What was your job title? Answer If Did you ever have an on-campus job while studying at UC M... Yes, I had 3 or more on-campus jobs Is Selected

QN15 3rd Job: For which UC Merced unit did you work?

- Administration (1)
- O Admissions (2)
- Business & Financial Services (3)
- O Campus Bookstore (4)
- O Career Services (5)
- O Chancellor's Office (6)
- Communications (7)
- Contracts & Grants (8)
- O Development & Alumni Relations (9)
- Dining / Catering (10)
- O Disability Services (11)
- O ECEC (Early Childhood Education Center) (12)
- O EH&S (Environmental Health and Safety) (13)
- Facilities (14)
- Fiat Lux program (15)
- O Financial Aid (16)
- O Government Relations (17)
- Graduate Division (18)
- Health Promotion (19)
- O Housing & Residence Life (20)
- O International Programs (21)
- O IT (22)
- O Library (23)
- O OSL (Office of Student Life) (24)
- O Payroll (25)
- O Physical Planning (26)
- Police Department (27)
- O Recreation & Athletics (28)
- O Registrar (29)
- School of Engineering (30)
- O School of Natural Sciences (31)
- O School of Social Science, Humanities & Arts (32)
- O SNRI (Sierra Nevada Research Institute) (33)
- O Sponsored Projects (34)
- O Student Advising and Learning (now Bright Success Center) (35)
- O Student Affairs Vice Chancellor (36)
- O Students First Center (37)
- O TAPS (Transportation & Parking Services) (38)
- Other (39)

Answer If Did you ever have an on-campus job while studying at UC M... Yes, I had 3 or more on-campus jobs Is Selected QN15a 3rd Job: What was your job title?

QN16 Which of the following career services did you use? (Please select all that apply.)

- □ Assessments / career tests (1)
- □ Career counseling / coaching (2)
- □ Career fairs / events (3)
- □ Career Services website (4)
- Graduate school assistance (5)
- □ Job announcements CATLink or CatPAWS job listings (6)
- □ Job / internship search (7)
- On-campus interview (8)
- □ Practice interview (9)
- Derived Presentation / workshop by Career Services staff (10)
- □ Resume / cover letter assistance (11)
- □ Other (please specify) (12) _
- □ None I did not use career services at UC Merced (13)

T5 Participation in Recreation and Athletics

QN8 In which Recreation and Athletics programs did you participate at any time during your undergraduate 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)

Answer If In which Recreation and Athletics programs did you partic... None Is Selected

QN9 Why did you choose not to participate in any Recreation and Athletics programs? (please select 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) _____

QN11 What recreation and/or athletic programs would you have participated in had they been offered?

- Q188 Did you participate in any NAIA athletic teams at UC Merced?
- Yes (4)
- O No (5)

Answer If Did you participate in any NAIA athletic teams at UC Merced? Is Selected

QN10 Which NAIA athletic teams were you a member of as an undergraduate at UC Merced? (Please select all that apply.)

- Men's Cross Country (1)
- □ Women's Cross Country (2)
- □ Women's Volleyball (3)
- Men's Basketball (4)

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 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?

Name of Employer (1) Job Title (2) Location - City (3) Location - State (or country, if not U.S.) (4) Approximate salary (per year) (5)

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 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	O	O	O
career goals? (2)	0	0	0	O

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 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

QN17 How did you learn about this job? (Please select all that apply.)

- Career Fair (1)
- Career Services staff member (2)
- Employer website (3)
- □ Faculty or staff member at UCM (4)
- □ Internship or volunteer employer (5)
- □ Job announcements CATLink or CatPAWS job listings (6)
- Listserv / email (7)
- Networking with family / friend (8)
- Networking with classmate / UCM alum (9)
- □ On-campus interview (10)
- Online job board (11)
- Professional association (12)
- □ Social networking site (e.g. Facebook, LinkedIn) (13)
- Other (please specify) (14) _____

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)

Q58 We love to sing the praises of our graduates. Would you be willing to be contacted by UC Merced University Communications to share your story?

O Yes (1)

O No (2)

QN18 What is your birthday?

	Ja nu ar	د ۲																												
	y (1	у ~	у ~	у ~	y ~	у ~	y ~	y ~	y ~	у ~	у ~	y ~	y ~	у ~	y ~	y ~	у ~	у ~	у ~	y ~	у ~	y ~								
)	1 (2)	2 (3)	3 (4)	4 (5)	5 (6)	6 (7)	7 (8)	8 (9)	9 (1 0)	10 (1 1)	11 (1 2)	12 (1 3)	13 (1 4)	14 (1 5)	15 (1 6)	16 (1 7)	17 (1 8)	18 (1 9)	19 (2 0)	20 (2 1)	21 (2 2)	22 (2 3)	23 (2 4)	24 (2 5)	25 (2 6)	26 (2 7)	27 (2 8)	28 (2 9)	2
M ont h (1) D a y (2)																														

(Table Truncated to 63 Columns)

QN20 Have you made your membership contribution to join the Student Alumni Association? • Yes (1)

• No (2)

Answer If Have you made your Collegiate Pledge to join the Collegia... Yes Is Selected QN20a What was your reason(s) for making your Student Alumni Association contribution?

Answer If Have you made your Collegiate Pledge to join the Collegia... No Is Selected QN20b Why have you chosen not to make your Student Alumni Association contribution?

QN21 How likely are you to make a donation to UC Merced in the future?

- Very Likely (1)
- O Likely (2)
- O Unlikely (3)
- Very Unlikely (4)

QN22 How likely are you to someday serve as an alumni volunteer to UC Merced?

- O Very Likely (1)
- O Likely (2)
- Unlikely (3)
- O Very Unlikely (4)

QN23 Which of the following social media networking websites are you actively using? (Please select all that apply.)

- □ Facebook (1)
- Twitter (2)
- LinkedIn (3)
- □ Four Square (4)
- □ mySpace (5)
- □ Friendster (6)
- Google+ (7)
- □ Other (please specify) (8) _
- □ None I do not actively use social media (9)

c_gened01 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 and the second set asks about your majors and minors.General education at UC Merced consists of Core 1, Writing 10, and quantitative reasoning courses taken by all incoming freshmen in addition to course distribution requirements imposed by our three Schools. These requirements are informed by the Eight Guiding Principles for General Education at UC Merced and are designed to improve: (1) scientific literacy, (2) decision making, (3) communication, (4) your understanding of self and society, (5) ethical and responsible behavior, (6) leadership and teamwork, (7) aesthetic understanding and creativity, and (8) development of your personal potential. Please indicate the degree to which...

	nuicale line degree i			
	A large degree (1)	A moderate degree (2)	A slight degree (3)	No degree (4)
the Eight Guiding Principles were explicitly addressed in your general education courses (1)	o	0	o	О
your general education courses contributed to learning in your major (2)	o	o	o	O
courses in your major contributed to your development in the areas defined by the Eight Guiding Principles (3)	O	O	o	О
Core 1 addressed making connections among academic disciplines (4)	o	o	o	O
other general education courses addressed making connections	0	0	o	o

among academic disciplines (5)				
courses in your major addressed making connections among academic disciplines (6)	o	o	o	o

c_gened02 Through what sources were you introduced to the Eight Guiding Principles of General Education? (Check all that apply.)

- □ Core 1 (1)
- □ Professors teaching your GE courses (2)
- □ Reading the UC Merced catalog (3)
- Syllabi for GE courses (4)
- Courses in your major (5)
- □ Fellow students (6)
- Other (please specify below) (7) _____

t_ignore Now we have a few questions about each of the Eight Guiding Principles.

c_ge_sl01 Scientific Literacy involves having a functional understanding of scientific, technological and quantitative information, and knowing how to interpret scientific information and effectively apply quantitative tools. How important is improved proficiency with Scientific Literacy to your personal goals for your undergraduate education?

- O Highly important (1)
- Moderately important (2)
- Slightly important (3)
- O Not important (4)

c_ge_sl02 Based on the definition above, please rate your proficiency with Scientific Literacy ...

	Highly Proficient (1)	Moderately Proficient (2)	Barely Proficient (3)	Not Proficient (4)
when you started at UC Merced (1)	O	О	O	o
today (2)	О	0	О	0

c_ge_sl03 If in the previous question you rated your current ability as Barely Proficient or Not Proficient, or you observed little change between your ability when you entered UC Merced and now, please help us improve our general education by explaining your ratings.

title_sl The next question asks about the impact of your extra-curricular experiences. Extracurricular experiences include all non-credit bearing programs and university-sponsored opportunities outside of your courses, like student organizations, athletics, leadership programs, non-credit research with faculty, participation in professional societies, work study on campus, etc.

c_ge_sl04 Based on the definitions above, please indicate how much your extra-curricular experiences improved your proficiency with Scientific Literacy.

• I did not participate in extra-curricular activities (1)

O They did not improve it (2)

O They improved it slightly (3)

• They improved it moderately (4)

• They improved it greatly (5)

c_ge_dm01 Decision Making involves appreciating the various and diverse factors bearing on decisions and the know-how to assemble, evaluate, interpret and use information effectively for critical analysis and problem solving. How important is improved proficiency with Decision Making to your personal goals for your undergraduate education?

• Highly important (1)

O Moderately important (2)

• Slightly important (3)

O Not important (4)

c_ge_dm02 Based on the definition above, please rate your proficiency with Decision Making ...

	Highly Proficient (1)	Moderately Proficient (2)	Barely Proficient (3)	Not Proficient (4)
when you started at UC Merced (1)	0	0	0	0
today (2)	О	О	О	О

c_ge_dm03 If in the previous question you rated your current ability as Barely Proficient or Not Proficient, or you observed little change between your ability when you entered UC Merced and now, please help us improve our general education by explaining your ratings.

title_dm The next question asks about the impact of your extra-curricular experiences. Extracurricular experiences include all non-credit bearing programs and university-sponsored opportunities outside of your courses, like student organizations, athletics, leadership programs, non-credit research with faculty, participation in professional societies, work study on campus, etc. c_ge_dm04 Based on the definitions above, please indicate how much your extra-curricular experiences improved your proficiency with Decision Making.

- I did not participate in extra-curricular activities (1)
- They did not improve it (2)
- O They improved it slightly (3)
- They improved it moderately (4)
- O They improved it greatly (5)

c_ge_com01 Communication involves conveying information to and interacting effectively with multiple audiences using advanced skills in written and other modes. How important is improved proficiency with Communication to your personal goals for your undergraduate education?

- O Highly important (1)
- Moderately important (2)
- Slightly important (3)
- O Not important (4)

c_ge_com02 Based on the definition above, please rate your proficiency with Communication ...

	Highly Proficient (1)	Moderately Proficient (2)	Barely Proficient (3)	Not Proficient (4)
when you started at UC Merced (1)	0	0	0	0
today (2)	0	О	0	0

c_ge_com03 If in the previous question you rated your current ability as Barely Proficient or Not Proficient, or you observed little change between your ability when you entered UC Merced and now, please help us improve our general education by explaining your ratings.

title_com The next question asks about the impact of your extra-curricular experiences. Extracurricular experiences include all non-credit bearing programs and university-sponsored opportunities outside of your courses, like student organizations, athletics, leadership programs, non-credit research with faculty, participation in professional societies, work study on campus, etc.

c_ge_com04 Based on the definitions above, please indicate how much your extra-curricular experiences improved your proficiency with Communication.

O I did not participate in extra-curricular activities (1)

- They did not improve it (2)
- They improved it slightly (3)
- They improved it moderately (4)
- They improved it greatly (5)

c_ge_ss01 Self and Society involves understanding and valuing diverse perspectives in both the global and community contexts of modern society in order to work knowledgeably and effectively in an ethnically and culturally rich setting. How important is improved proficiency with Self and Society to your personal goals for your undergraduate education?

- Highly important (1)
- Moderately important (2)
- Slightly important (3)
- O Not important (4)

c_ge_ss02 Based on the definition above, please rate your proficiency with Self and Society ...

	Highly Proficient (1)	Moderately Proficient (2)	Barely Proficient (3)	Not Proficient (4)
when you started at UC Merced (1)	0	0	0	0
today (2)	0	0	О	О

c_ge_ss03 If in the previous question you rated your current ability as Barely Proficient or Not Proficient, or you observed little change between your ability when you entered UC Merced and now, please help us improve our general education by explaining your ratings.

title_ss The next question asks about the impact of your extra-curricular experiences. Extracurricular experiences include all non-credit bearing programs and university-sponsored opportunities outside of your courses, like student organizations, athletics, leadership programs, non-credit research with faculty, participation in professional societies, work study on campus, etc.

c_ge_ss04 Based on the definitions above, please indicate how much your extra-curricular experiences improved your proficiency with Self and Society.

O I did not participate in extra-curricular activities (1)

- They did not improve it (2)
- They improved it slightly (3)
- They improved it moderately (4)
- They improved it greatly (5)

c_ge_er01 Ethics and Responsibility involve following ethical practices in your profession and community, and caring for future generations through sustainable living and environmental and societal responsibility. How important is improved proficiency with Ethics and Responsibility to your personal goals for your undergraduate education?

- Highly important (1)
- Moderately important (2)
- Slightly important (3)
- O Not important (4)

c_ge_er02 Based on the definition above, please rate your proficiency with Ethics and Responsibility ...

	Highly Proficient (1)	Moderately Proficient (2)	Barely Proficient (3)	Not Proficient (4)
when you started at UC Merced (1)	О	О	О	О
today (2)	0	0	О	0

c_ge_er03 If in the previous question you rated your current ability as Barely Proficient or Not Proficient, or you observed little change between your ability when you entered UC Merced and now, please help us improve our general education by explaining your ratings.

title_er The next question asks about the impact of your extra-curricular experiences. Extracurricular experiences include all non-credit bearing programs and university-sponsored opportunities outside of your courses, like student organizations, athletics, leadership programs, non-credit research with faculty, participation in professional societies, work study on campus, etc.

c_ge_er04 Based on the definitions above, please indicate how much your extra-curricular experiences improved your proficiency with Ethics and Responsibility.

- O I did not participate in extra-curricular activities (1)
- They did not improve it (2)
- They improved it slightly (3)
- They improved it moderately (4)
- They improved it greatly (5)

Commented [cld1]: Here

c_ge_lt01 Leadership and Teamwork involve working effectively in both leadership and team roles, capably making connections and integrating your expertise with the expertise of others. How important is improved proficiency with Leadership and Teamwork to your personal goals for your undergraduate education?

- Highly important (1)
- Moderately important (2)
- Slightly important (3)
- O Not important (4)

c_ge_tt02 Based on the definition above, please rate your proficiency with Leadership and Teamwork \ldots

	Highly Proficient (1)	Moderately Proficient (2)	Barely Proficient (3)	Not Proficient (4)
when you started at UC Merced (1)	0	O	0	0
today (2)	0	0	0	0

c_ge_t03 If in the previous question you rated your current ability as Barely Proficient or Not Proficient, or you observed little change between your ability when you entered UC Merced and now, please help us improve our general education by explaining your ratings.

title_It The next question asks about the impact of your extra-curricular experiences. Extracurricular experiences include all non-credit bearing programs and university-sponsored opportunities outside of your courses, like student organizations, athletics, leadership programs, non-credit research with faculty, participation in professional societies, work study on campus, etc.

c_ge_lt04 Based on the definitions above, please indicate how much your extra-curricular experiences improved your proficiency with Leadership and Teamwork.

- O I did not participate in extra-curricular activities (1)
- They did not improve it (2)
- They improved it slightly (3)
- They improved it moderately (4)
- They improved it greatly (5)

c_ge_auc01 Aesthetic Understanding and Creativity involve appreciating and being knowledgeable about human creative expression, including literature and the arts. How important is improved proficiency with Aesthetic Understanding and Creativity to your personal goals for your undergraduate education?

- Highly important (1)
- Moderately important (2)
- Slightly important (3)
- O Not important (4)

c_ge_auc02 Based on the definition above, please rate your proficiency with Aesthetic Understanding and Creativity ...

	Highly Proficient (1)	Moderately Proficient (2)	Barely Proficient (3)	Not Proficient (4)
when you started at UC Merced (1)	0	0	0	0
today (2)	0	0	0	0

c_ge_auc03 If in the previous question you rated your current ability as Barely Proficient or Not Proficient, or you observed little change between your ability when you entered UC Merced and now, please help us improve our general education by explaining your ratings.

title_auc The next question asks about the impact of your extra-curricular experiences. Extracurricular experiences include all non-credit bearing programs and university-sponsored opportunities outside of your courses, like student organizations, athletics, leadership programs, non-credit research with faculty, participation in professional societies, work study on campus, etc.

 $c_ge_auc04 \ Based \ on \ the \ definitions \ above, \ please \ indicate \ how \ much \ your \ extra-curricular \ experiences \ improved \ your \ proficiency \ with \ Aesthetic \ Understanding \ and \ Creativity.$

- O I did not participate in extra-curricular activities (1)
- They did not improve it (2)
- They improved it slightly (3)
- They improved it moderately (4)
- They improved it greatly (5)

c_ge_dpp01 Development of Personal Potential involves being responsible for achieving the full promise of your abilities, including psychological and physical well-being. How important is improved proficiency with Development of Personal Potential to your personal goals for your undergraduate education?

- Highly important (1)
- Moderately important (2)
- Slightly important (3)
- O Not important (4)

c_ge_dpp02 Based on the definition above, please rate your level of proficiency with Development of Personal Potential ...

	Highly Proficient (1)	Moderately Proficient (2)	Barely Proficient (3)	Not Proficient (4)
when you started at UC Merced (1)	0	0	0	0
today (2)	0	0	0	0

c_ge_dpp03 If in the previous question you rated your current ability as Barely Proficient or Not Proficient, or you observed little change between your ability when you entered UC Merced and now, please help us improve our general education by explaining your ratings.

title_dpp The next question asks about the impact of your extra-curricular experiences. Extracurricular experiences include all non-credit bearing programs and university-sponsored opportunities outside of your courses, like student organizations, athletics, leadership programs, non-credit research with faculty, participation in professional societies, work study on campus, etc.

c_ge_dpp04 Based on the definitions above, please indicate how much your extra-curricular experiences improved your proficiency with Development of Personal Potential.

- O I did not participate in extra-curricular activities (1)
- They did not improve it (2)
- They improved it slightly (3)
- They improved it moderately (4)
- They improved it greatly (5)

c_gened81 Please indicate your level of agreement with the following statements about your 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)	0	0	o	0	О
General Education seemed to be a collection of unrelated requirements and separate courses. (2)	0	0	0	o	O
General Education courses were readily available. (3)	O	0	o	o	o

c_gened82 What advice would you give to new students about how to make the most of their General Education opportunity?

c_gened83 If you have any other thoughts about your General Education experience at UC Merced, please share them with us below.

Answer If degree_school1 Is Equal to SSHA Or degree_school2 Is Equal to SSHA tssha_all Foreign Language Courses

Answer If degree_school1 Is Equal to SSHA Or degree_school2 Is Equal to SSHA ssha_fl01 Did you take any foreign language courses? (Please select all that apply.)

□ Yes, at UC Merced. (1)

□ Yes, at another college/university. (2)

No (3)

Answer If Did you take any foreign language courses? (Please select... No Is Selected

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)

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) complimented 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_minor Is Equal to AMER Or degree_major2_minor Is Equal to AMER

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

- No (1)
- Yes (2)

Answer If degree_major1_minor Is Equal to AMER And American Studies Minor Our records indicate that you ... No Is Not Selected Or degree_major2_minor Is Equal to AMER And American Studies Minor Our records indicate that you ... 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.

	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)
Analyze themes in American culture (past and present). (1)	O	O	O	О	O	0	o	o
Raise insightful questions from a multidisciplinary perspective. (2)	O	o	o	O	O	o	o	o
Name and understand interdisciplinary theories and methods. (3)	O	0	0	0	0	0	o	0
Apply interdisciplinary theories and methods to contemporary scenarios. (4)	O	o	o	0	0	o	о	o
Use professional written and oral communication. (5)	o	0	o	0	0	0	o	0
Understand American Studies as a field, including current and emerging issues in the discipline. (6)	O	o	o	o	O	0	Э	0
Understand the political and	О	О	О	О	0	О	О	О

historical dimensions of culture and demonstrate this skill in essay and/or exam formats.				
exam formats. (7)				

Answer If degree_major1 Is Equal to ANTH Or degree_major2 Is Equal to ANTH Or degree_major1_minor Is Equal to ANTH Or degree_major2_minor Is Equal to ANTH s_anth_01 Anthropology Major or Minor Our records indicate that you are majoring or

minoring in Anthropology. Is this correct?

O No (1)

• Yes (2)
Answer If degree_major1 Is Equal to ANTH And Anthropology Major or Minor Our records indicate that... No Is Not Selected Or degree_major2 Is Equal to ANTH And Anthropology Major or Minor Our records indicate that... No Is Not Selected Or degree_major1_minor Is Equal to ANTH And Anthropology Major or Minor Our records indicate that... No Is Not Selected Or degree_major2_minor Is Equal to ANTH And Anthropology Major or Minor Our records indicate that... 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.

	Wh	en you started	d at UC Mer	ced		Today Moderately proficient (2) Barely proficient (3) Not proficient (4) • • • • •		
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)		proficient	proficient
Possess and apply fundamental anthropological knowledge, including terminology, concepts, intellectual traditions, and theoretical approaches. (1)	0	0	0	0	0	0	0	Э
Identify and analyze common topics of research shared by the sub-fields of anthropology. (2)	o	o	o	0	0	o	0	О
Demonstrate understanding of ethics and responsibility in the practice of anthropology. (3)	0	o	0	0	0	0	0	O
Describe how ethnographic, archaeological, and biological knowledge	0	0	0	0	0	0	0	О

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

Answer If degree_major1_minor Is Equal to CCST Or degree_major2_minor 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_major1_minor Is Equal to CCST And Chicano/a Studies Minor Please answer the follow... If our records are mistaken and you are not minoring in Chicano/a Studies, please click this button. Is Not Selected Or degree_major2_minor Is Equal to CCST And Chicano/a Studies Minor Please answer the follow... If our records are mistaken and you are not minoring in Chicano/a Studies, please click this button. 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.

	,	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 proficient (4)
Identify Chicano/a cultural practices, including an understanding of their origins, historical development, and social contexts. (1)	o	o	0	0	0	0	0	Э
Analyze Chicano/a cultural practices, including an understanding of their origins, historical development, and social contexts. (2)	o	o	0	0	o	0	o	Э
Demonstrate understanding of the role that race, gender and ethnicity have played in defining Chicanos/as as a group, and apply that knowledge to specific academic areas (e.g. literature,	O	0	0	O	0	0	o	О

anthropology, etc.). (3)								
Recognize and discuss internal differences within the Chicano/a group. (4)	0	0	O	0	0	0	o	o
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. (5)	O	о	O	O	O	O	o	0
Understand the role that activism and struggle have played in building a Chicano/a consciousness. (6)	0	0	0	0	0	0	0	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	O	O	O	o	O	0	o
Produce research papers exploring topics salient to Chicano/a Studies. (8)	0	0	O	O	0	0	o	٥

Answer If degree_major1 Is Equal to COGS Or degree_major1_minor Is Equal to COGS Or degree_major2 Is Equal to COGS Or degree_major2_minor 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)
- O Yes (2)

Answer If degree_major1 Is Equal to COGS And Cognitive Sciences Major or Minor Please answer ... If our records are mistaken and you are not majoring or minoring in Cognitive Sciences, please click this button. Is Not Selected Or degree_major1_minor Is Equal to COGS And Cognitive Sciences Major or Minor Please answer ... If our records are mistaken and you are not majoring or minoring in Cognitive Sciences, please click this button. Is Not Selected Or degree_major2 Is Equal to COGS And Cognitive Sciences Major or Minor Please answer ... If our records are mistaken and you are not majoring or minoring in Cognitive Sciences, please click this button. Is Not Selected Or degree_major2_minor Is Equal to COGS And Cognitive Sciences Major or Minor Please answer ... If our records are mistaken and you are not majoring or minoring in Cognitive Sciences, please click this button. 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		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)
Explain and apply knowledge of landmark findings and theories in cognitive science. (1)	o	0	0	0	0	0	0	o
Use that knowledge as context for understanding the current state of affairs. (2)	0	0	0	0	0	0	0	0
Interpret, evaluate, and synthesize information in research papers. (3)	o	0	0	0	0	0	0	o
Design a cognitive science research project. (4)	o	0	0	0	0	0	o	0
Write clearly and	o	О	О	О	О	О	0	O

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

Answer If degree_major1 Is Equal to ECON Or degree_major1_minor Is Equal to ECON Or degree_major2 Is Equal to ECON Or degree_major2_minor 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)

Answer If degree_major1 Is Equal to ECON And Economics Major or Minor Please answer the foll... No Is Not Selected Or degree_major1_minor Is Equal to ECON And Economics Major or Minor Please answer the foll... No Is Not Selected Or degree_major2 Is Equal to ECON And Economics Major or Minor Please answer the foll... No Is Not Selected Or degree_major2_minor Is Equal to ECON And Economics Major or Minor Please answer the foll... 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.

	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 proficient (4)
Understand the role of organizations and institutions in a society. (1)	o	0	0	0	0	0	o	о
Understand the impact of organizations and institutions on the economic environment and outcomes. (2)	o	o	0	0	0	o	o	О
Understand how incentives influence individual and organizational behavior and performance. (3)	o	o	O	o	0	o	o	О
Recognize and describe how government actions affect economic performance. (4)	o	o	0	O	0	0	o	0
Recognize and describe	o	О	0	О	0	О	о	О

how economic interests influence government decisions. (5)								
Design and conduct research that will inform managerial and policy decision- making. (6)	0	0	o	o	O	o	Э	o
Collect, analyze, and interpret data using familiar software packages. (7)	0	0	o	O	0	0	о	o
Define problems and identify multifaceted explanations for complex economic phenomena. (8)	О	0	o	o	0	0	Э	o
Use information and data from multiple sources to answer the questions at hand. (9)	0	0	o	o	0	0	Э	o
Think critically about the information encountered, whether it is in coursework or reported in the media. (10)	0	0	o	o	0	0	о	o
Communicate	0	О	o	o	О	О	0	o

clearly and cogently in written and oral form using modern				
technology.				
(11)				

Answer If degree_major1 Is Equal to HIST Or degree_major1_minor Is Equal to HIST Or degree_major2 Is Equal to HIST Or degree_major2_minor Is Equal to HIST s_hist01 History Major or Minor Our records indicate that you are majoring or minoring in

History. Is this correct?

• No (1)

Answer If degree_major1 Is Equal to HIST And History Major or Minor Please answer the followi... If our records are mistaken and you are not majoring or minoring in History, please click this button. Is Not Selected Or degree_major1_minor Is Equal to HIST And History Major or Minor Please answer the followi... If our records are mistaken and you are not majoring or minoring in History, please click this button. Is Not Selected Or degree_major2 Is Equal to HIST And History Major or Minor Please answer the followi... If our records are mistaken and you are not majoring or minoring in History, please click this button. Is Not Selected Or degree_major2_minor Is Equal to HIST And History Major or Minor Please answer the followi... If our records are mistaken and you are not majoring or minoring in History, please click this button. 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.

When you started at UC Merced Today									
		_		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)	
Recognize the processes by which societies, cultures, and institutions change over time. (1)	o	o	0	0	0	o	o	0	
Describe particular historical developments and explain their wider context. (2)	0	o	0	0	0	O	o	0	
Critically read, analyze, and synthesize primary and secondary sources. (3)	0	0	0	0	0	0	0	о	
Use methods of narrative and analysis appropriately for communicating historical phenomena. (4)	o	o	0	0	0	o	o	Э	

Identify the various contexts that shape the construction and use of historical sources and knowledge. (5)	Э	O	O	o	o	o	0	0
--	---	---	---	---	---	---	---	---

Answer If degree_major1 Is Equal to LTCU Or degree_major1_minor Is Equal to LIT Or degree_major2 Is Equal to LTCU Or degree_major2_minor Is Equal to LIT s_Itcu01 Literatures & Cultures Major or Minor Our records indicate that you are majoring or minoring in Literatures and Cultures. Is this correct? O No (1)

• Yes (2)

Answer If degree_major1 Is Equal to LTCU And Literatures & Cultures Major or Minor Please... If our records are mistaken and you are not majoring or minoring in Literature & Cultures, please click this button. Is Not Selected Or degree_major1_minor Is Equal to LIT And Literatures & Cultures Major or Minor Please... If our records are mistaken and you are not majoring or minoring in Literature & Cultures, please click this button. Is Not Selected Or degree_major2 Is Equal to LTCU And Literatures & Cultures Major or Minor Please... If our records are mistaken and you are not majoring or minoring in Literature & Cultures, please click this button. Is Not Selected Or degree_major2_minor Is Equal to LIT And Literatures & Cultures Major or Minor Please... If our records are mistaken and you are not majoring or minoring in Literature & Cultures, please click this button. Is Not Selected

s_ltcu02 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.

	,	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)
Interpret texts with due sensitivity to both textual and contextual cues. (1)	0	0	0	0	0	0	0	О
Appreciate and evaluate the aesthetic qualities of texts and the cultures from which they are drawn. (2)	0	0	0	0	0	0	0	о
Take positions on the ethical questions raised by texts, and defend those positions. (3)	0	0	0	0	0	0	0	0
Apply to other contexts various interpretive strategies developed in	0	0	0	0	0	0	0	о

literary study. (4) Articulate, cogently and with sensitivity to context, in both speech and writing, your interpretations and evaluations. (5)	o	о	o	0	0	o	o	
--	---	---	---	---	---	---	---	--

Answer If degree_major1 Is Equal to MGMT Or degree_major1_minor Is Equal to MGMT Or degree_major2 Is Equal to MGMT Or degree_major2_minor 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)

Answer If degree_major1 Is Equal to MGMT And Management Major or Minor Please answer the foll... If our records are mistaken and you are not majoring or minoring in Management, please click this button. Is Not Selected Or degree_major1_minor Is Equal to MGMT And Management Major or Minor Please answer the foll... If our records are mistaken and you are not majoring or minoring in Management, please click this button. Is Not Selected Or degree_major2 Is Equal to MGMT And Management Major or Minor Please answer the foll... If our records are mistaken and you are not majoring or minoring in Management, please click this button. Is Not Selected Or degree_major2_minor Is Equal to MGMT And Management Major or Minor Please answer the foll... If our records are mistaken and you are not majoring or minoring in Management, please click this button. Is Not Selected Or degree_major2 is Equal to MGMT And Management Is Equal to MGMT And Management Major or Minor Please answer the foll... If our records are mistaken and you are not majoring or minoring in Management, please click this button. 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)	Not proficient (4)
Analyze and solve problems related to management from a holistic, multidisciplinary perspective. (1)	0	o	o	0	0	o	0	O
Apply theories and concepts from the discipline of Management and related fields (e.g. accounting, economics, statistics, finance, marketing, human	o	o	o	O	o	o	o	О
resource management, strategy and business law) to management situations. (2)								
Use effective written and oral communication	0	0	0	0	0	0	0	О

consistent with the discipline and professional environments. (3)								
Apply appropriate information technology to analyze and problem solve. (4)	o	0	o	O	0	0	0	O
Apply appropriate information technology to develop business research. (5)	O	O	o	O	o	o	o	0
Apply appropriate information technology to report key data. (6)	O	O	O	O	o	o	o	О
Apply appropriate information technology to recommend management strategies and actions. (7)	O	о	о	о	o	o	о	О
Evaluate ethical issues as they relate to the organization, operations, human resources, and business ventures. (8)	o	о	o	o	0	0	0	o
Evaluate social issues as they relate to the organization,	o	O	o	O	o	0	0	o

operations, human resources, and business ventures. (9)								
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	0	O	O	o	0	о	O

Answer If degree_major1_minor Is Equal to PHIL Or degree_major2_minor Is Equal to PHIL s_phil01 Philosophy Minor Our records indicate that you are minoring in Philosophy. Is this correct?

O No (1)

• Yes (2)

Answer If degree_major1_minor Is Equal to PHIL And Philosophy Minor Please answer the following que... If our records are mistaken and you are not minoring in Philosophy, please click this button. Is Not Selected Or degree_major2_minor Is Equal to PHIL And Philosophy Minor Please answer the following que... If our records are mistaken and you are not minoring in Philosophy, please click this button. 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.

	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)
Independently study, summarize and criticize philosophical arguments, including arguments presented in classic texts and in contemporary philosophical literature. (1)	0	0	0	0	0	0	0	0
Present well- defined claims of one's own, giving clear philosophical arguments in defense of these claims, and responding to critical objections others might raise against these claims. (2)	O	o	o	o	O	o	0	О
Distinguish between logically valid and invalid deductive arguments. (3)	0	0	0	0	0	0	0	о

Translate verbal statements into symbolic expressions having correct logical form. (4)	O	0	O	o	0	0	о	o
Give proofs of elementary propositions of logic. (5)	0	O	0	0	0	0	o	O
Use philosophy in an interdisciplinary way, for example, by philosophically analyzing non- philosophical texts (e.g. texts from a literature, history, psychology, or physics course), or by using formal methodological tools, such as mathematical and computer models, in the analysis of philosophical problems. (6)	O	o	O	O	0	0	o	o
Provide and assess evidence for causal claims and identify		0	0		0		0	
various fallacies in inductive reasoning (e.g. sample bias). (7)	0	O		0	0	0	0	O
Distinguish between descriptive and	0	0	0	0	0	0	o	0

normative philosophical claims, and use certain descriptive claims either to support or to criticize certain normative claims. (8)								
Demonstrate appreciation of how the discipline of philosophy has developed over time in response to internal challenges and to advances in science and changes in social life (e.g., the renaissance in philosophy of mind was stimulated in part by the development of contemporary artificial intelligence). (9)	o	o	o	0	0	o	0	Э

Answer If degree_major1 Is Equal to POLI Or degree_major1_minor Is Equal to POLI Or degree_major2 Is Equal to POLI Or degree_major2_minor 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)

O Yes (2)

Answer If degree_major1 Is Equal to POLI And Political Science Major or Minor Please answer t... If our records are mistaken and you are not majoring or minoring in Political Science, please click this button. Is Not Selected Or degree_major1_minor Is Equal to POLI And Political Science Major or Minor Please answer t... If our records are mistaken and you are not majoring or minoring in Political Science, please click this button. Is Not Selected Or degree_major2 Is Equal to POLI And Political Science Major or Minor Please answer t... If our records are mistaken and you are not majoring or minoring in Political Science, please click this button. Is Not Selected Or degree_major2_minor Is Equal to POLI And Political Science Major or Minor Please answer t... If our records are mistaken and you are not majoring or minoring in Political Science, please click this button. Is Not Selected Or degree_major2_minor Is Equal to POLI And Political Science Major or Minor Please answer t... If our records are mistaken and you are not majoring or minoring in Political Science, please click this button. 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	0	o	O	O	o	О
Understand the processes, theories, and empirical regularities of political behavior in your chosen emphasis area (American politics, comparative politics, or international relations). (2)	O	o	O	O	O	O	o	O
Demonstrate	0	0	0	0	0	О	0	0

social								
scientific								
literacy, including								
basic								
quantitative literacy. (3)								
Utilize								
contemporary social								
science								
research methods to	0	0	0	•	0	0	Q	0
conduct	0	0	0	0	0	0	0	0
rigorous research on								
political								
phenomena. (4)								
Write								
effectively, particularly to								
convey								
complex concepts and	О	О	0	0	0	0	0	0
information in a clear and								
concise								
manner. (5)								
Apply abstract								
theory and								
research methods to								
understand	О	О	0	0	О	О	О	О
contemporary political								
events and								
public policies. (6)								
, ,			1	1	1	I	<u> </u>	

s_psy01 Psychology Major or Minor in Psychology. Is this correct?
Q No (1)
Q Yes (2)

Answer If degree_major1 Is Equal to PSY And Psychology Major or Minor Please answer the foll... If our records are mistaken and you are not majoring or minoring in Psychology, please click this button. Is Not Selected Or degree_major1_minor Is Equal to PSY And Psychology Major or Minor Please answer the foll... If our records are mistaken and you are not majoring or minoring in Psychology, please click this button. Is Not Selected Or degree_major2 Is Equal to PSY And Psychology Major or Minor Please answer the foll... If our records are mistaken and you are not majoring or minoring in Psychology, please click this button. Is Not Selected Or degree_major2_minor Is Equal to PSY And Psychology Major or Minor Please answer the foll... If our records are mistaken and you are not majoring or minoring in Psychology, please click this button. 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.

	,	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)	O	0	0	0	0	0	0	0
Identify the key substantive content of the field of psychology in sensory psychology and physiology. (2)	0	o	0	0	0	0	o	O
Identify the key substantive content of the field of psychology in developmental psychology. (3)	o	0	0	0	0	0	o	0
Identify the key substantive	0	0	О	0	О	0	0	О

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)	0	0	o	o	0	0	Э	o
Understand the basic principles of, and correctly interpret applications of, the designs and methods that psychologists use to gather data. (6)	0	0	o	o	0	0	о	0
Correctly interpret the statistical analyses psychologists use to analyze data. (7)	0	o	о	O	0	0	O	o
Apply the writing style used in psychological literature (APA style). (8)	•	O	о	o	0	0	о	o

Answer If degree_major1 Is Equal to SOC Or degree_major1_minor Is Equal to SOC Or degree_major2 Is Equal to SOC Or degree_major2_minor 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 Please answer the follo... If our records are mistaken and you are not majoring or minoring in Sociology, please click this button. Is Not Selected Or degree_major1_minor Is Equal to SOC And Sociology Major or Minor Please answer the follo... If our records are mistaken and you are not majoring or minoring in Sociology, please click this button. Is Not Selected Or degree_major2 Is Equal to SOC And Sociology Major or Minor Please answer the follo... If our records are mistaken and you are not majoring or minoring in Sociology, please click this button. Is Not Selected Or degree_major2_minor Is Equal to SOC And Sociology Major or Minor Please answer the follo... If our records are mistaken and you are not majoring or minoring in Sociology, please click this button. 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.

	-	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 critical thinking about the causes and consequences of social inequality. (1)	0	0	0	0	0	0	0	о
Design and evaluate empirical sociological research. (2)	О	O	О	О	О	O	о	О
Explain and apply the major theoretical perspectives in sociology. (3)	0	0	0	0	0	0	0	0
Communicate orally and in writing about sociological concepts. (4)	0	0	0	0	0	0	0	О
Use your sociological education outside the	0	0	0	0	0	0	0	О

	1	1	1	1	1		1
undergraduate							
classroom,							
particularly in							
your career or							
future study.							
(5)							

Answer If degree_major1_minor Is Equal to SPAN Or degree_major2_minor Is Equal to SPAN

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

O No (1)

Answer If degree_major1_minor Is Equal to SPAN And Spanish Minor Please answer the following questi... If our records are mistaken and you are not minoring in Spanish, please click this button. Is Not Selected Or degree_major2_minor Is Equal to SPAN And Spanish Minor Please answer the following questi... If our records are mistaken and you are not minoring in Spanish, please click this button. 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.

	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)
Possess Spanish listening skills equivalent at least to the advanced level of the ACTFL Proficiency Guidelines: Understand the main ideas of most speech in a standard dialect. (1)	O	o	0	o	0	o	0	0
Possess Spanish speaking skills equivalent at least to the advanced level of the ACTFL Proficiency Guidelines: use oral Spanish to speak about a variety of everyday activities, school, and work situations, but also to support opinions, explain in detail and	O	0	O	O	O	o	0	0

hypothesize. (2)								
Possess Spanish reading skills equivalent at least to the advanced level of the ACTFL Proficiency Guidelines: Understand parts of texts that are conceptually abstract and linguistically								
complex, demonstrate awareness of the aesthetic properties of language and of its literary styles, which permits comprehension of a wider variety of texts, including literary texts. (3)	0	0	0	0	0	0	0	0
Possess Spanish writing skills equivalent at least to the advanced level of the ACTFL Proficiency Guidelines: write about a variety of topics with significant precision and detail, and produce	O	O	O	0	0	o	Q	Q
organized compositions								

and short research papers. (4)								
Be able to identify the linguistic and pragmatic components of the Spanish language. (5)	0	o	o	O	o	o	0	0
Demonstrate a reasonable knowledge of the ways of thinking of the Spanish- speaking world. (6)	0	o	о	о	O	o	o	0
Demonstrate a reasonable knowledge of the behavioral practices of the Spanish- speaking world. (7)	0	0	O	O	O	o	Э	0
Demonstrate a reasonable knowledge of the cultural products of the Spanish- speaking world. (8)	o	o	o	о	o	o	0	0

Answer If degree_major1_minor Is Equal to SPAN And Spanish Minor Please answer the following questi... If our records are mistaken and you are not minoring in Spanish, please click this button. Is Not Selected Or degree_major2_minor Is Equal to SPAN And Spanish Minor Please answer the following questi... If our records are mistaken and you are not minoring in Spanish, please click this button. Is Not Selected

s_span03 During your time studying in the Spanish minor, did you benefit from the Spanish coursework (academically, personally, and/or professionally?)

O Yes (1)

O No (2)

Answer If During your time studying in the Spanish minor, did you b... No Is Selected And Spanish Minor Please answer the following questi... If our records are mistaken and you are not minoring in Spanish, please click this button. Is Not Selected

s_span04 Please choose the best explanation(s) for why you did not benefit from the Spanish coursework. (Please select all that apply.)

- □ I was too busy to invest the needed attention in the coursework. (1)
- □ I lost interest in studying Spanish. (2)
- □ The coursework was not very challenging, NOT helping me to prepare for using Spanish language and/or cultural knowledge in a career or graduate school. (3)
- □ The coursework was too challenging and I couldn't keep-up. (4)
- Other (please describe) (5) _____

Answer If During your time studying in the Spanish minor, did you b... Yes Is Selected And Spanish Minor Please answer the following questi... If our records are mistaken and you are not minoring in Spanish, please click this button. Is Not Selected

s_span05 Please choose the best explanation(s) for why you benefited from the Spanish coursework. (Please select all that apply.)

- □ I invested a lot of attention and effort to do my best in this minor. (1)
- □ The coursework was challenging and the faculty members helped me to get the most out of the coursework. (2)
- □ The coursework complimented my major. (3)
- □ The coursework helped me to do well in my non-Spanish courses. (4)
- The coursework was interesting and helped me to enjoy my overall experience at UC Merced. (5)
- The coursework provided me with language and/or cultural skills to advance my future career and/or graduate school. (6)
- □ Other (please describe) (7) ____

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

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.

- 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?

- 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)

O 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_all03 Are you active in any professional societies and/or these groups' education/training events (ASME, SWE, ASCE, etc.)?

• 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 e_all04a Which engineering society professional organization(s) did you participate in? (Please list all.)

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?

Aı	nswer If	degree_	_school1	Is Equal to	E Or	degree_	_school2 Is	s Equal to	Е
е	all05 Pl	ease sel	ect ves c	or no for the	follow	ing state	ements:		

e_all05 Please select yes or no for the following statements:									
	Yes (1)	No (2)							
I believe it is important to stay informed on current engineering topics, reading books, articles, and engineering websites. (1)	o	o							
I plan to become a full member in an engineering society after graduation. (2)	o	o							
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)	o	о							
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)	0	0							
My total undergraduate instruction and guidance at UC Merced, School of Engineering has adequately prepared me to become a successful engineering professional. (5)	0	0							

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)

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 proficient (4)
Understanding of biology and physiology. (1)	o	0	o	о	o	0	o	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)	o	0	o	o	o	0	o	О
Ability to make measurements on, and interpret data from, living systems. (3)	0	0	0	0	0	o	0	о
Ability to address problems associated with the interaction between living and non-living materials and systems. (4)	o	o	o	o	o	o	o	O

Professional and ethical responsibility. (5)	0	O	О	О	О	O	0	0
---	---	---	---	---	---	---	---	---

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)
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 proficient (4)
Ability to apply knowledge of computing and mathematics appropriate to the discipline. (1)	O	0	0	0	0	0	0	0
Ability to analyze a problem and identify the computing requirements appropriate for its solution. (2)	O	o	o	o	O	o	0	0
Ability to design, implement, and evaluate a computer- based system, process, component, or program to meet desired needs. (3)	O	0	0	0	0	0	0	O
Ability to function effectively as a member of a team in order to accomplish a common goal. (4)	O	o	0	0	0	o	0	Э

Understanding of professional, ethical, legal, security, and social issues and responsibilities. (5)	O	o	o	O	o	o	о	o
Ability to communicate effectively with a range of audiences. (6)	O	0	o	0	0	0	o	o
Ability to analyze the local and global impact of computing on individuals, organizations, and society. (7)	o	o	0	о	0	o	о	o
Recognition of the need for, and an ability to engage in, continuing professional development. (8)	O	o	0	о	0	0	o	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 demonstrates comprehension of the tradeoffs involved in design choices. (9)	O	0	о	O	0	0	о	0
Ability to apply design and	О	О	О	О	О	о	o	o

development principles in the construction of software systems of varying				
complexity. (10)				

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)

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.

	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)	
Ability to apply knowledge of mathematics, science, and engineering (1)	O	0	o	o	o	0	0	О	
Ability to design and conduct experiments, as well as to analyze and interpret data (2)	O	0	0	0	0	0	o	Э	
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	0	0	0	0	O	
Ability to function on multidisciplinary teams. (4)	o	O	О	O	О	O	o	о	
Ability to identify, formulate, and solve engineering problems. (5)	o	0	0	0	0	0	0	O	
Understanding of	О	О	О	О	О	О	0	O	

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

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)

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 proficient (4)
Ability to apply knowledge of mathematics, science, and engineering (1)	o	0	0	0	0	0	0	о
Ability to design and conduct experiments, as well as to analyze and interpret data (2)	О	o	O	o	o	0	0	Э
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	0	0	0	0	0
Ability to function on multidisciplinary teams. (4)	O	О	0	О	О	О	0	o
Ability to identify, formulate, and solve engineering problems. (5)	o	0	0	0	0	0	0	Э

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

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)

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.

	Wh	en you started	d at UC Mer	ced		Tod	ау	
	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)	Highly proficient (1)	Moderately proficient (2)	Barely proficient (3)	Not proficient (4)
Ability to apply knowledge of mathematics, science, and engineering (1)	o	0	0	0	0	0	0	о
Ability to design and conduct experiments, as well as to analyze and interpret data (2)	O	0	0	0	0	0	0	О
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	o	o	o	o	o	0	Э
Ability to function on multidisciplinary teams. (4)	O	0	0	0	0	0	0	О
Ability to identify, formulate, and solve engineering problems. (5)	o	0	o	o	•	0	0	О
Understanding of	О	О	О	О	О	О	0	О

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

,	01	
	Yes (1)	No (2)
If you were starting over at the beginning of your college career, would you choose engineering again? (1)	O	o
Do you believe you were given adequate support and guidance from your academic advisor? (2)	O	o

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	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)
Understanding the tenets of modern biology. (1)	0	0	0	0	0	0	0	О
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)	o	0	o	o	O	0	0	0
Developing and critiquing hypotheses. (3)	o	0	O	о	•	0	o	о
Designing experiments, models, and/or calculations to address hypotheses. (4)	0	o	0	0	0	0	0	0
Using appropriate instrumentation and computational tools to collect	0	o	0	0	0	0	0	o

data. (5) Using appropriate instrumentation and computational tools to analyze data. (6)	0	o	o	o	0	0	0	o
Using appropriate instrumentation and computational tools to interpret data. (7)	O	О	Э	о	o	o	o	o
Reading, evaluating, interpreting, and applying numerical information. (8)	O	С	о	O	O	0	o	O
Reading, evaluating, interpreting, and applying general scientific information. (9)	o	о	o	о	0	o	o	o
Applying safety in good laboratory field practices. (10)	0	O	o	o	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)

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.

	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)
Describing major concepts and theoretical principles in chemistry. (1)	O	o	o	O	0	0	o	0
Identifying central ideas underlying the principal subfields of chemistry - analytical, inorganic, organic, and physical chemistry. (2)	O	o	o	O	o	o	o	o
Identifying central ideas underlying the broader interdisciplinary subfields of biological, environmental, and materials chemistry. (3)	O	o	o	O	o	o	0	o
Operating modern chemical instrumentation. (4)	O	o	o	O	0	0	o	0
Performing chemical syntheses and carrying out	0	0	•	0	О	0	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 search the scientific literature. (6)	O	0	O	O	0	0	o	0
Integrating fundamental knowledge and skills into scientific inquiries. (7)	O	o	O	O	0	o	o	о
Formulating well-defined and quantitative questions, developing testable hypotheses, designing and executing experiments, analyzing and interpreting the results, and reaching appropriate conclusions. (8)	O	Э	o	O	O	о	0	Э
Critically analyzing the work of other scientists and assessing its correctness, importance,	o	o	o	o	0	o	o	0

and relevance. (9)								
Writing organized and concise reports using electronic media, posters, and oral presentations. (10)	•	o	o	o	o	o	о	o
Presenting technical information using electronic media, posters, and oral presentations. (11)	0	0	0	0	0	0	o	0
Working effectively both as a leader and a team member in a group using communication and teamwork skills. (12)	0	0	o	0	O	0	o	o
Conduct yourself ethically and responsibly in science-related professions. (13)	0	0	0	0	0	0	0	0

Answer If degree_major1_minor Is Equal to CHEM Or degree_major2_minor 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)

Answer If degree_major1_minor Is Equal to CHEM And Chemical Sciences Minor Please answer the follow... If our records are mistaken and you are not minoring in Chemical Sciences, please click this button. Is Not Selected Or degree_major2_minor Is Equal to CHEM And Chemical Sciences Minor Please answer the follow... If our records are mistaken and you are not minoring in Chemical Sciences, please click this button. 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	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)
Describing major concepts and theoretical principles in chemistry. (1)	o	0	0	0	0	0	o	0
Identifying central ideas underlying the principal subfields of chemistry - analytical, inorganic, organic, and physical chemistry. (2)	o	o	0	0	0	o	о	0
Identifying central ideas underlying the broader interdisciplinary subfields of biological, environmental, and materials chemistry. (3)	o	o	o	o	o	0	о	o
Operating modern chemical instrumentation. (4)	O	0	o	0	0	0	o	o
Performing chemical syntheses and carrying out	0	0	0	0	О	0	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 search the scientific literature. (6)	o	0	o	o	o	0	o	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.

	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)
Understanding basic methodologies using foundational knowledge of physics, chemistry, biology, and mathematics related to Earth systems. (1)	O	0	O	0	O	0	0	о
Understanding data analysis using foundational knowledge of physics, chemistry, biology, and mathematics related to Earth systems. (2)	0	0	O	0	0	0	0	Э
Interpreting a variety of Earth- related data using foundational knowledge of physics, chemistry, biology, and mathematics related to Earth systems. (3)	O	0	0	0	o	o	0	О

Understanding major concepts, theoretical principles, experimental findings, and areas of study related to Earth systems science. (4)	0	0	o	0	o	0	o	o
Comprehending interactions between natural Earth systems and human economic, political, and social systems. (5)	0	0	o	o	0	O	o	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	0	0	0	o	0	0	o
Employing quantitative and numerical analyses in the formulation of research questions, experimental design, application and use of	o	о	o	0	O	O	0	o

laboratory and field instrumentation, and analysis and interpretation of data related to Earth systems. (7)								
Employing hypothesis- driven methods of scientific inquiry in the formulation of research questions, experimental design, application and	O	O	0	0	0	0	0	0
use of laboratory and field instrumentation, and analysis and interpretation of data related to Earth systems. (8)	G							
Transmitting complex technical information through effective written communication skills. (9)	0	О	o	Э	o	o	о	О
Transmitting complex technical information through effective oral communication skills. (10)	о	О	0	Э	o	0	о	о
Working effectively individually in	о	О	0	О	о	0	o	o

classroom, laboratory, and field settings. (11)								
Working effectively in teams in classroom, laboratory, and field settings. (12)	0	0	o	0	0	0	o	0

Answer If degree_major1_minor Is Equal to ESSU Or degree_major2_minor 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)

Answer If degree_major1_minor Is Equal to ESSU And Environmental Science and Sustainability Please answer ... If our records are mistaken and you are not minoring in Environmental Science and Sustainability, please click this button. Is Not Selected Or degree_major2_minor Is Equal to ESSU And Environmental Science and Sustainability Please answer ... If our records are mistaken and you are not minoring in Environmental Science and Sustainability, please click this button. 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		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)
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)	o	o	o	O	O	o	0	О
Analyzing information on environmental quality. (2)	О	0	о	о	о	О	0	О
Recommending appropriate technical, political, or economic solutions to	0	0	0	0	0	o	o	о

environmental problems. (3) Communicating 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		o	o	0	O	0	O
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Answer If degree_major1 Is Equal to MATH Or degree_major2 Is Equal to MATH

n_math01 Applied Mathematical Sciences Major in Applied Mathematical Sciences. Is this correct?

O No (1)

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.

	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 proficient (4)
Solving mathematical problems using analytical methods. (1)	0	O	0	О	О	0	0	о
Solving mathematical problems using computational methods. (2)	O	0	o	o	o	0	o	О
Recognizing the relationships between different areas of mathematics. (3)	0	0	0	0	0	0	o	O
Recognizing the connections between mathematics and other disciplines. (4)	0	0	0	0	0	0	0	О
Giving clear and organized written and verbal explanations of mathematical ideas to a variety of audiences (5)	0	0	0	0	0	0	o	о

Modelling real- world problems mathematically. (6)	0	О	0	О	0	о	0	o
Analyzing mathematical models using your mastery of the core concepts. (7)	0	0	0	0	0	0	0	0

Answer If degree_major1_minor Is Equal to MTHM Or degree_major2_minor 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)

Answer If degree_major1_minor Is Equal to MTHM And Applied Mathematical Sciences Minor Please answe... If our records are mistaken and you are not minoring in Applied Mathematical Sciences, please click this button. Is Not Selected Or degree_major2_minor Is Equal to MTHM And Applied Mathematical Sciences Minor Please answe... If our records are mistaken and you are not minoring in Applied Mathematical Sciences, please click this button. 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)	O	0	0	O	О	0	o	о	
Solving mathematical problems using computational methods. (2)	o	o	0	O	0	0	o	Э	
Recognizing the relationships between different areas of mathematics. (3)	o	o	o	O	0	o	o	0	
Recognizing the connections between mathematics and other disciplines. (4)	o	o	o	O	0	o	o	0	
Giving clear and organized verbal explanations of	O	0	о	О	О	0	о	О	

mathematical ideas to a variety of audiences (5)								
Giving clear and organized written explanations of mathematical ideas to a variety of audience (6)	0	o	о	o	0	0	0	0
Identifying the usefulness of applying mathematics to solve real- world problems. (7)	0	o	o	o	0	0	0	0

Answer If degree_major1_minor Is Equal to NSED Or degree_major2_minor Is Equal to NSED

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

• No (1)

Answer If degree_major1_minor Is Equal to NSED And Natural Sciences Education Please answer the fol... If our records are mistaken and you are not minoring in Natural Sciences Education, please click this button. Is Not Selected Or degree_major2_minor Is Equal to NSED And Natural Sciences Education Please answer the fol... If our records are mistaken and you are not minoring in Natural Sciences Education, please click this button. 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.

		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)	
Comprehensively articulating what constitutes responsibilities and duties of a science or mathematics teacher. (1)	O	o	0	0	0	0	0	О	
Comprehensively articulating what skills and knowledge are necessary to become a successful professional science or mathematics teacher. (2)	O	o	o	O	0	o	o	О	
Develop a lesson plan and deliver an effective lesson at the secondary school level. (3)	O	o	O	0	o	0	0	о	
Design different types of assessment to evaluate student learning. (4)	o	0	0	0	0	0	0	о	
Distinguish between students with different learning	o	0	•	•	•	0	0	O	

abilities and needs and adapt your teaching methodology to address this diversity. (5)								
Demonstrate familiarity with the California educational credentialing process. (6)	0	0	O	0	0	o	0	0
Demonstrate familiarity with instructional state standards and requirements. (7)	0	0	O	O	O	o	0	0
Demonstrate strategies to address diverse demographics of California schools such as instruction to English learners. (8)	0	o	O	o	o	o	0	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)O Yes (2)

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.

	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)	
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	0	O	O	О	0	0	О	
Translating physical concepts into mathematical language. (2)	0	0	0	0	0	0	0	О	
Applying advanced mathematical techniques (e.g., calculus, linear algebra, probability, and statistics) in explanations, analyses, and predictions of physical	O	o	O	O	O	o	o	О	

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

current literature. (9)								
Applying sound scientific research methods to address research questions by developing independent results (e.g., during your undergraduate research). (10)	о	О	Э	Э	O	о	о	o

Answer If degree_major1_minor Is Equal to PHYS Or degree_major2_minor Is Equal to PHYS

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

O No (1)

Answer If degree_major1_minor Is Equal to PHYS And Physics Minor Please answer the following questi... If our records are mistaken and you are not minoring in Physics, please click this button. Is Not Selected Or degree_major2_minor Is Equal to PHYS And Physics Minor Please answer the following questi... If our records are mistaken and you are not minoring in Physics, please click this button. 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.

	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)	
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	0	O	O	O	0	0	O	
Translating physical concepts into mathematical language. (2)	0	0	0	0	0	0	o	О	
Applying advanced mathematical techniques (e.g., calculus, linear algebra, probability,	o	o	0	o	0	o	o	Э	

اممم				
and				
statistics) in				
explanations,				
analyses,				
and				
predictions of				
physical				
phenomena.				
(3)				

title_end 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.