

1-Year Alumni Survey 2012 - email version

T1 The following survey seeks your input on your time at UC Merced, your post-graduate career and educational pursuits, and your relationship with UC Merced as an 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. The survey should take 15-20 minutes to complete.

T2 Your time at UC Merced

QN21 What is your favorite memory of your time at UC Merced?

QN21a We love to quote our graduates in UC Merced print and web materials. Please check the box below if we have your permission to quote the text you shared above.

- Yes, UC Merced has my permission to quote me using the text I entered in the first question of this survey. (1)

QN1 Did you conduct research with a faculty member outside of class while studying at UC Merced?

- Yes (1)
- No (2)

Answer If Did you conduct research with a faculty member outside of... Yes Is Selected

QN1a 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 conduct research with a faculty member outside of... Yes Is Selected

QN1b Did you formally share results from your research outside the classroom at UC Merced or elsewhere? (e.g. at UC Merced Research Week, in publications, at conferences)

- Yes (1)
- No (2)

QN2 Did you participate in any of the following formal undergraduate research / graduate preparation programs at UC Merced? (please select all that apply)

- Center for the Study of 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 AGEF - Alliance for Graduate Education and the Professoriate (4)
- Undergraduate Research and Mentoring Program in Computational Biology (5)
- Other (please specify) (6) _____
- None - I did not participate in formal research / preparation programs at UC Merced (7)

QN3 Did you ever have an on-campus job while studying at UC Merced?

- Yes, I had 1 on-campus job. (1)
- Yes, I had 2 or more on-campus jobs. (2)
- No, I did not work on campus. (3)

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

QN4 For which UC Merced unit(s) did you work? (please select all that apply)

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

- Students First Center (37)
- TAPS (Transportation & Parking Services) (38)
- Other (please specify) (39) _____

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

QN3a Please describe how your on-campus employment experience(s) prepared you for your post-graduate life both personally and professionally. When possible, if you worked for multiple units, clarify which campus job you are referring to in your different descriptions.

QN5 During your time at UC Merced, which of the following interactions did you have with the Career Services Office, if any? (please select all that apply)

- Visited the Career Services Office. (1)
- Accessed Career Services-related websites. (2)
- Participated in Career Services activities and/or programs. (3)
- I did not interact with the Career Services Office. (4)

Answer If What are your current career and educational pursuits? (p... Other (Please specify.) Is Not Displayed

QN6 Please list the top 5 career concerns you had as you transitioned from student to professional (e.g. resume, interviews, salary, supervisor/coworker interactions, professionalism, work culture, etc.)

- First concern (1)
- Second concern (2)
- Third concern (3)
- Fourth concern (4)
- Fifth concern (5)

QN7 At the time you graduated from UC Merced, approximately what was the total amount borrowed to finance your undergraduate education which you are personally responsible for repaying?

- None (6)
- Less than \$20,000 (1)
- \$20,000 to \$40,000 (2)
- \$40,001 to \$60,000 (3)
- \$60,001 to \$80,000 (4)
- More than \$80,000 (5)
- Unsure (12)

T3 Your post-graduate career and educational pursuits

Q10 What are your current career and educational pursuits? (please select all that apply)

- I am working full-time. (1)
- I am working part-time. (2)
- I am completing an internship. (3)
- I am reviewing a job offer. (4)
- I started my own business. (5)
- I am employed in public service employment (e.g. military, Peace Corps, Teach for America). (6)
- I am attending graduate or professional school. (7)
- I have applied to, but am not yet attending, graduate or professional school. (8)
- I am continuing my education, but not in graduate school (e.g. 2nd bachelor's, EMT, etc.). (9)
- I am taking time off before finding a job. (10)
- I am an international student and returned to my home country. (11)
- I am searching for full-time employment. (12)
- I am searching for part-time employment. (13)
- I have no plans for work. (14)
- Other (Please specify.) (15) _____

Answer If What are your current career and educational pursuits? (p... I am working full-time. Is Selected Or What are your current career and educational pursuits? (p... I am working part-time. Is Selected Or What are your current career and educational pursuits? (p... I am completing an internship. Is Selected Or What are your current career and educational pursuits? (p... I am reviewing a job offer. Is Selected Or What are your current career and educational pursuits? (p... I started my own business. Is Selected Or What are your current career and educational pursuits? (p... I am employed in public service employment (e.g. military, Peace Corps, Teach for America). Is Selected

QN8 What are the details of your employment?

Name of Employer (1)

Job Title (2)

Location - City (3)

Location - State (or country, if not US) (4)

Answer If What are your current career and educational pursuits? (p... I am working full-time. Is Selected Or What are your current career and educational pursuits? (p... I am working part-time. Is Selected Or What are your current career and educational pursuits? (p... I am completing an internship. Is Selected Or What are your current career and educational pursuits? (p... I am reviewing a job offer. Is Selected Or What are your current career and educational pursuits? (p... I started my own business. Is Selected Or What are your current career and educational pursuits? (p... I am employed in public service employment (e.g. military, Peace Corps, Teach for America). Is Selected

Q16 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)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
career goals? (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If What are your current career and educational pursuits? (p... I am working full-time. Is Selected Or What are your current career and educational pursuits? (p... I am working part-time. Is Selected Or What are your current career and educational pursuits? (p... I am completing an internship. Is Selected Or What are your current career and educational pursuits? (p... I am reviewing a job offer. Is Selected Or What are your current career and educational pursuits? (p... I started my own business. Is Selected Or What are your current career and educational pursuits? (p... I am employed in public service employment (e.g. military, Peace Corps, Teach for America). Is Selected

Q17 Was a bachelor's degree required to obtain this job?

- Yes (1)
- No (2)

Answer If What are your current career and educational pursuits? (p... I am working full-time. Is Selected Or What are your current career and educational pursuits? (p... I am working part-time. Is Selected Or What are your current career and educational pursuits? (p... I am completing an internship. Is Selected Or What are your current career and educational pursuits? (p... I started my own business. Is Selected Or What are your current career and educational pursuits? (p... I am employed in public service employment (e.g. military, Peace Corps, Teach for America). Is Selected

Q29 What is your annual salary?

- Less than \$25,000 (1)
- \$25,001 to \$30,000 (2)
- \$30,001 to \$35,000 (3)
- \$35,001 to \$40,000 (4)
- \$40,001 to \$45,000 (5)
- \$45,001 to \$50,000 (6)
- \$50,001 to \$55,000 (7)
- \$55,001 to \$60,000 (8)
- \$60,001 to \$65,000 (9)
- \$65,001 to \$70,000 (10)
- \$70,001 to \$80,000 (11)
- \$80,001 to \$90,000 (12)
- \$90,001 to \$100,000 (13)
- More than \$100,000 (14)
- Prefer not to answer (15)

Answer If What are your current career and educational pursuits? (p... I am working full-time. Is Selected Or What are your current career and educational pursuits? (p... I am working part-time. Is Selected Or

What are your current career and educational pursuits? (p... I am completing an internship. Is Selected Or What are your current career and educational pursuits? (p... I am reviewing a job offer. Is Selected Or What are your current career and educational pursuits? (p... I am employed in public service employment (e.g. military, Peace Corps, Teach for America). Is Selected

Q19 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 career and educational pursuits? (p... I am working full-time. Is Selected Or What are your current career and educational pursuits? (p... I am working part-time. Is Selected Or What are your current career and educational pursuits? (p... I am completing an internship. Is Selected Or What are your current career and educational pursuits? (p... I am reviewing a job offer. Is Selected Or What are your current career and educational pursuits? (p... I am employed in public service employment (e.g. military, Peace Corps, Teach for America). Is Selected

QN9 How soon after graduation were you offered your first position?

- 0 to 3 months after graduation (1)
- 4 to 6 months after graduation (2)
- 7 to 9 months after graduation (3)
- 10 to 12 months after graduation (4)
- More than 12 months after graduation (5)

Answer If What are your current career and educational pursuits? (p... I started my own business. Is Selected

QN10 How soon after graduation did you start your own business?

- 0 to 3 months after graduation (1)
- 4 to 6 months after graduation (2)
- 7 to 9 months after graduation (3)
- 10 to 12 months after graduation (4)
- More than 12 months after graduation (5)

Answer If What are your current career and educational pursuits? (p... I am attending graduate or professional school. Is Selected

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

Name of School (1)

Field of Study (2)

Degree Pursuing (e.g. MA, JD, PhD) (3)

Location - City (4)

Location - State (or country, if not US) (5)

Q7 Which, if any, degrees do you plan to pursue in the future? (Please select all that apply.)

- Second Bachelor's (1)
- Professional or Medical (2)
- Master's (3)
- Doctoral (4)
- I do not plan to pursue any further degrees (5)

T4 Your relationship with UC Merced as an alum

QN11 Today, how connected or disconnected do you feel to UC Merced?

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

QN12 Now that you are a UC Merced alum, do you keep in touch with any faculty or staff members? If so, please list them below.

Faculty / Staff Name (1)

Faculty / Staff Name (2)

Faculty / Staff Name (3)

QN13 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)

Answer If Which of the following social media networking websites a... Facebook Is Selected

QN13a Have you "liked" the UC Merced Alumni Association Facebook page?

- Yes (1)
- No (2)

Answer If Which of the following social media networking websites a... Twitter Is Selected

QN13b Are you following the UC Merced Alumni Association Twitter feed?

- Yes (1)
- No (2)

Answer If Which of the following social media networking websites a... LinkedIn Is Selected

QN13c Have you joined the UC Merced Alumni Association group on LinkedIn?

- Yes (1)
- No (2)

QN14 In the past year, in which of the following UC Merced-sponsored activities did you participate?
(please select all that apply)

- Read campus publications. (1)
- Read campus email updates. (2)
- Visited UC Merced's website. (3)
- Visited the UC Merced campus. (4)
- Attended an event on campus. (5)
- Attended an event off campus. (6)
- Volunteered with the alumni office. (7)
- Made a gift to UC Merced. (8)
- I did not participate in any of these activities. (9)

QN15 How likely are you to someday serve as an alumni volunteer to UC Merced?

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

Answer If How likely are you to someday serve as an alumni volunteer... Very Likely Is Selected

QN15a Why do you feel you are very likely to serve as an alumni volunteer to UC Merced?

Answer If How likely are you to someday serve as an alumni volunteer... Very Unlikely Is Selected

QN15b Why do you feel you are very unlikely to serve as an alumni volunteer to UC Merced?

N16 How likely are you to someday make a donation to UC Merced?

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

Answer If How likely are you to someday make a donation to UC Merced? Very Likely Is Selected

QN16a Why do you feel you are very likely to make a donation to UC Merced?

Answer If How likely are you to someday make a donation to UC Merced? Very Unlikely Is Selected

QN16b Why do you feel you are very unlikely to make a donation to UC Merced?

QN17 How do you feel about the amount of communications you receive from UC Merced?

- I am receiving sufficient communications. (1)
- I would like more frequent communications via email. (2)
- I would like more frequent communications via postal mail. (3)
- I am receiving too many communications from UC Merced. (4)

Q21 Please let us know where we can contact you. 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.

First Name (1)

Last Name (2)

Street Address (3)

City (4)

State (if in US) (5)

Country (if not in US) (6)

Zip Code (7)

Phone Number (8)

Email Address (9)

QN18 Are you registered to vote?

Yes (1)

No (2)

T5 Reflection on your UC Merced education

(e.g. economic, political, social, cultural) (10)							
An ability to acquire new skills and/or knowledge on your own (12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to appreciate the fine arts (e.g. painting, music, drama, dance) (13)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to work with people from other cultures (15)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpersonal (social) skills (16)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to work as a member of a team or group (17)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Self-awareness and understanding (18)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If degree_major1_minor Is Equal to SPAN

TSSHA1 Spanish Minor Please answer the following questions about your experience in the Spanish Minor at UC Merced.

Answer If degree_major1_minor Is Equal to SPAN

QSSHA1 Please rate how beneficial/not beneficial the Spanish program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (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)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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 hypothesize. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Possess Spanish reading skills equivalent at least to the advanced level of the ACTFL Proficiency Guidelines: Understand parts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>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)</p> <p>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 organized compositions and short research papers. (4)</p> <p>Be able to identify the linguistic and pragmatic components of the Spanish language. (5)</p> <p>Demonstrate a reasonable knowledge of the ways of thinking of the Spanish-speaking world. (6)</p> <p>Demonstrate a</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>reasonable knowledge of the behavioral practices of the Spanish-speaking world. (7)</p> <p>Demonstrate a reasonable knowledge of the cultural products of the Spanish-speaking world. (8)</p>	○	○	○	○
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Answer If degree_major1_minor Is Equal to SPAN

QSSHA1a Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to ANTH Or degree_major1 Is Equal to ANTH Or degree_major2 Is Equal to ANTH

TSSHA2 Anthropology Major or Minor Please answer the following questions about your experience in the Anthropology Major or Minor at UC Merced.

Answer If degree_major1_minor Is Equal to ANTH Or degree_major1 Is Equal to ANTH Or degree_major2 Is Equal to ANTH

QSSHA2 Please rate how beneficial/not beneficial the Anthropology program’s foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Possess and apply fundamental anthropological knowledge, including terminology, concepts, intellectual traditions, and theoretical approaches. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify and analyze common topics of research shared by the sub-fields of anthropology. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate understanding of ethics and responsibility in the practice of anthropology. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognize and appreciate what it means to be human and how ethnographic, archaeological, and biological knowledge contribute to that understanding. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand both qualitative and quantitative research methods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

as they apply to anthropological inquiry. (5)				
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Answer If degree_major1_minor Is Equal to ANTH Or degree_major1 Is Equal to ANTH Or degree_major2 Is Equal to ANTH

QSSHA2b Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to AMER

TSSHA3 American Studies Minor Please answer the following questions about your experience in the American Studies Minor at UC Merced.

Answer If degree_major1_minor Is Equal to AMER

QSSHA3 Please rate how beneficial/not beneficial the American Studies program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Analyze themes in American culture (past and present). (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Raise insightful questions from a multidisciplinary perspective. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Name and understand interdisciplinary theories and methods. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply interdisciplinary theories and methods to contemporary scenarios. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use professional written communication. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use professional oral communication. (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand American Studies as a field, including current and emerging issues in the discipline. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand the political and historical	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

dimensions of culture and demonstrate this skill in essay and/or exam formats. (7)				
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Answer If degree_major1_minor Is Equal to AMER

QSSHA3b Based on your experience since graduating, what are the most important skills you use that were not listed above?

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

TSSHA4 Economics Major or Minor Please answer the following questions about your experience in the Economics Major or Minor at UC Merced.

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

QSSHA4 Please rate how beneficial/not beneficial the Economics program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Understand the role of organizations and institutions in a society. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand the impact of organizations and institutions on the economic environment and outcomes. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand how incentives influence individual and organizational behavior and performance. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognize and describe how government actions affect economic performance. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognize and describe how economic interests influence government decisions. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design and conduct research that will inform managerial and policy decision-	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

making. (6) Collect, analyze, and interpret data using familiar software packages. (7) Define problems and identify multifaceted explanations for complex economic phenomena. (8) Use information and data from multiple sources to answer the questions at hand. (9) Think critically about the information encountered, whether it is in coursework or reported in the media. (10) Communicate clearly and cogently in written and oral form using modern technology. (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

QSSHA4b Based on your experience since graduating, what are the most important skills you use that were not listed above?

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

TSSHA5 Management Major or Minor Please answer the following questions about your experience in the Management Major or Minor at UC Merced.

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

QSSHA5 Please rate how beneficial/not beneficial the Management program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Analyze and solve problems related to management from a holistic, multidisciplinary perspective. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply theories and concepts from the discipline of Management and related fields (e.g. accounting, economics, statistics, finance, marketing, human resource management, strategy and business law) to management situations. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use effective written communication consistent with the discipline and professional environments. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use effective oral communication consistent with the discipline and professional environments. (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply appropriate information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

technology to analyze and problem solve. (4)				
Apply appropriate information technology to develop business research. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply appropriate information technology to report key data. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply appropriate information technology to recommend management strategies and actions. (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Evaluate ethical issues as they relate to the organization, operations, human resources, and business ventures. (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Evaluate social issues as they relate to the organization, operations, human resources, and business ventures. (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Evaluate external issues as they relate to the organization, operations, human resources, and business ventures. (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

QSSHA5b Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to CCST

TSSHA6 Chicano/a Studies Minor Please answer the following questions about your experience in the Chicano/a Studies Minor at UC Merced.

Answer If degree_major1_minor Is Equal to CCST

QSSHA6 Please rate how beneficial/not beneficial the Chicano/a Studies program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Identify Chicano/a cultural practices, including an understanding of their origins, historical development, and social contexts. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyze Chicano/a cultural practices, including an understanding of their origins, historical development, and social contexts. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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, anthropology, etc.). (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognize and discuss internal differences within the Chicano/a group. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Relate those differences to processes of	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>migration, diaspora, transnationalism, and other forms of geographical displacement, as well as to their indigenous roots in the Americas. (5)</p>				
<p>Understand the role that activism and struggle have played in building a Chicano/a consciousness. (6)</p>	○	○	○	○
<p>Recognize the main elements of a Chicano/a aesthetics, as manifested in literature and language, as well as in cultural practices and rituals. (7)</p>	○	○	○	○
<p>Produce research papers exploring topics salient to Chicano/a Studies. (8)</p>	○	○	○	○

Answer If degree_major1_minor Is Equal to CCST

QSSHA6b Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to COGS Or degree_major1 Is Equal to COGS Or degree_major2 Is Equal to COGS

TSSHA7 Cognitive Sciences Major or Minor Please answer the following questions about your experience in the Cognitive Sciences Major or Minor at UC Merced.

Answer If degree_major1_minor Is Equal to COGS Or degree_major1 Is Equal to COGS Or degree_major2 Is Equal to COGS

QSSHA7 Please rate how beneficial/not beneficial the Cognitive Sciences program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Explain and apply knowledge of landmark findings and theories in cognitive science. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use that knowledge as context for understanding the current state of affairs. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpret, evaluate, and synthesize information in research papers. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design a cognitive science research project. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Write clearly and scientifically. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpret formal and computational approaches in cognitive science. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Take theoretical positions in cognitive science and argue for or against them. (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If degree_major1_minor Is Equal to COGS Or degree_major1 Is Equal to COGS Or degree_major2 Is Equal to COGS

QSSHA7b Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to HIST Or degree_major1 Is Equal to HIST

TSSHA8 History Major or Minor Please answer the following questions about your experience in the History Major or Minor at UC Merced.

Answer If degree_major1_minor Is Equal to HIST Or degree_major1 Is Equal to HIST

QSSHA8 Please rate how beneficial/not beneficial the History program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Recognize the processes by which societies, cultures, and institutions change over time. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Describe and explain particular historical developments. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Critically read, analyze, and synthesize primary and secondary sources. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use methods of narrative and analysis appropriately for communicating historical phenomena. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify the various contexts that shape the construction and use of historical sources and knowledge. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If degree_major1_minor Is Equal to HIST Or degree_major1 Is Equal to HIST

QSSHA8b Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to LIT Or degree_major1 Is Equal to LTCU

TSSHA9 Literatures & Cultures Major or Minor Please answer the following questions about your experience in the Literatures & Cultures Major or Minor at UC Merced.

Answer If degree_major1_minor Is Equal to LIT Or degree_major1 Is Equal to LTCU

QSSHA9 Please rate how beneficial/not beneficial the Literatures & Cultures program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Interpret texts with due sensitivity to both textual and contextual cues. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Appreciate and evaluate the aesthetic qualities of texts and the cultures from which they are drawn. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Take positions on the ethical questions raised by texts, and defend those positions. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply to other contexts various interpretive strategies developed in literary study. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Articulate, cogently and with sensitivity to context, in both speech and writing, your interpretations and evaluations. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If degree_major1_minor Is Equal to LIT Or degree_major1 Is Equal to LTCU

QSSHA9b Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to PHIL

TSSHA10 Philosophy Minor Please answer the following questions about your experience in the Philosophy Minor at UC Merced.

Answer If degree_major1_minor Is Equal to PHIL

QSSHA10 Please rate how beneficial/not beneficial the Philosophy program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Independently study, summarize and criticize philosophical arguments, including arguments presented in classic texts and in contemporary philosophical literature. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Distinguish between logically valid and invalid deductive arguments. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Translate verbal statements into symbolic expressions having correct logical form. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Give proofs of elementary propositions of	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>logic. (5)</p> <p>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)</p>	○	○	○	○
<p>Provide and assess evidence for causal claims and identify various fallacies in inductive reasoning (e.g. sample bias). (7)</p>	○	○	○	○
<p>Distinguish between descriptive and normative philosophical claims, and use certain descriptive claims either to support or to criticize certain normative claims. (8)</p>	○	○	○	○
<p>Demonstrate appreciation of how the discipline of philosophy has developed over time in response</p>	○	○	○	○

<p>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)</p>				
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Answer If degree_major1_minor Is Equal to PHIL

QSSHA10b Based on your experience since graduating, what are the most important skills you use that were not listed above?

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

TSSHA11 Political Science Major or Minor Please answer the following questions about your experience in the Political Science Major or Minor at UC Merced.

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

QSSHA11 Please rate how beneficial/not beneficial the Political Science program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Understand the processes, theories, and empirical regularities of political institutions in your chosen emphasis area (American politics, comparative politics, or international relations). (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand the processes, theories, and empirical regularities of political behavior in your chosen emphasis area (American politics, comparative politics, or international relations). (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate social scientific literacy, including basic quantitative literacy. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Utilize contemporary social science research methods to conduct	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>rigorous research on political phenomena. (4)</p> <p>Write effectively, particularly to convey complex concepts and information in a clear and concise manner. (5)</p> <p>Apply abstract theory and research methods to understand contemporary political events and public policies. (6)</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

QSSHA11b Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to PSY Or degree_major1 Is Equal to PSY Or degree_major2 Is Equal to PSY

TSSHA12 Psychology Major or Minor Please answer the following questions about your experience in the Psychology Major or Minor at UC Merced.

Answer If degree_major1_minor Is Equal to PSY Or degree_major1 Is Equal to PSY Or degree_major2 Is Equal to PSY

QSSHA12 Please rate how beneficial/not beneficial the Psychology program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Identify the key substantive content of the field of psychology in memory and thinking. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify the key substantive content of the field of psychology in sensory psychology and physiology. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify the key substantive content of the field of psychology in developmental psychology. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify the key substantive content of the field of psychology in clinical and abnormal psychology. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify the key substantive content of the field of psychology in social psychology. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand the basic principles of, and correctly interpret	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>applications of, the designs and methods that psychologists use to gather data. (6)</p> <p>Correctly interpret the statistical analyses psychologists use to analyze data. (7)</p> <p>Apply the writing style used in psychological literature (APA style). (8)</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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Answer If degree_major1_minor Is Equal to PSY Or degree_major1 Is Equal to PSY Or degree_major2 Is Equal to PSY

QSSHA12b Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to SOC Or degree_major1 Is Equal to SOC Or degree_major2 Is Equal to SOC

TSSHA13 Sociology Major or Minor Please answer the following questions about your experience in the Sociology Major or Minor at UC Merced.

Answer If degree_major1_minor Is Equal to SOC Or degree_major1 Is Equal to SOC Or degree_major2 Is Equal to SOC

QSSHA13 Please rate how beneficial/not beneficial the Sociology program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Demonstrate critical thinking about the causes and consequences of social inequality. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design and evaluate empirical sociological research. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Explain and apply the major theoretical perspectives in sociology. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communicate orally and in writing about sociological concepts. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If degree_major1_minor Is Equal to SOC Or degree_major1 Is Equal to SOC Or degree_major2 Is Equal to SOC

QSSHA13b Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to SVSC

TSSHA14 Services Science Minor Please answer the following questions about your experience in the Services Science Minor at UC Merced.

Answer If degree_major1_minor Is Equal to SVSC

QSSHA14 Please rate how beneficial/not beneficial the Services Science program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Describe through a multidisciplinary lens the process of how knowledge is converted to value in the services sector. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Assess how goods and services can be improved, administered, and optimized. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply appropriate information technology to analyze basic business processes. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recommend strategies for improvement and optimization. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Present basic knowledge of the relationship between IT and service systems. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use professionalism in writing and speaking that is consistent with the discipline. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If degree_major1_minor Is Equal to SVSC

QSSHA14b Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to PH

TSSHA15 Public Health Minor Please answer the following questions about your experience in the Public Health Minor at UC Merced.

Answer If degree_major1_minor Is Equal to PH

QSSHA15 Please rate how beneficial/not beneficial the Public Health program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Knowledge of the key substantive content regarding epidemiology, major health conditions, and health disparities. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge about key influences on health and disease related to differential status experienced by some population groups. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to access empirical studies from the scientific literature on public health and disparities. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to understand empirical studies from the scientific literature on public health and disparities. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to synthesize empirical studies from the scientific literature on public health and disparities. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to conduct	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>and interpret findings from basic analysis of data on health or disparity issues. (6)</p> <p>Ability to communicate orally about concepts in epidemiology and health disparities. (7)</p> <p>Ability to communicate in writing about concepts in epidemiology and health disparities. (8)</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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Answer If degree_major1_minor Is Equal to PH

QSSHA15b Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to WRI

TSSHA16 Writing Minor Please answer the following questions about your experience in the Writing Minor at UC Merced.

Answer If degree_major1_minor Is Equal to WRI

QSSHA16 Please rate how beneficial/not beneficial the Writing program's foci were for giving you skills/knowledge to succeed in your current profession and/or graduate school studies. (directly and/or indirectly)

	Highly beneficial (1)	Beneficial (2)	Barely beneficial (3)	Not beneficial (4)
Demonstrate engagement with the multi-stage processes of critical reading, formal writing, and public speaking. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Select and apply the appropriate conventions of personal, academic, or professional forms of expression. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Synthesize diverse perspectives through collaboration in academic discourse communities. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply professional ethical standards to the research process and its public representation. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Craft language that reveals aesthetic awareness. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If degree_major1_minor Is Equal to WRI

QSSHA16b Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1 Is Equal to MATH

TNS1 Applied Mathematical Sciences Major Please answer the following questions about your experience in the Applied Mathematical Sciences Minor at UC Merced.

Answer If degree_major1 Is Equal to MATH

QNS1 The Applied Mathematical Sciences program targets the following skills and knowledge. How important are these skills and knowledge to your success in your current profession or graduate studies, either directly or indirectly?

	Very important (1)	Important (2)	Of little importance (3)	Unimportant (4)
Solve mathematical problems using analytical methods. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solve mathematical problems using computational methods. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognize the relationships between different areas of mathematics. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognize the connections between mathematics and other disciplines. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Give clear and organized written and verbal explanations of mathematical ideas to a variety of audiences. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Model real-world problems mathematically. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyze the mathematical models using your mastery of the core concepts. (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If degree_major1 Is Equal to MATH

QNS1a Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1 Is Equal to BIOS

TNS2 Biology Major Please answer the following questions about your experience in the Biology Major at UC Merced.

Answer If degree_major1 Is Equal to BIOS

QNS2 The Biology program targets the following skills and knowledge. How important are these skills and knowledge to your success in your current profession or graduate studies, either directly or indirectly?

	Very important (1)	Important (2)	Of little importance (3)	Unimportant (4)
An understanding of the tenets of modern biology. (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of how cellular functions are integrated from the molecular level to the cellular level, through to the level of organism, populations, and functioning ecosystems. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to develop and critique hypotheses. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to design experiments, models, and/or calculations to address hypotheses. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to use appropriate instrumentation and computational tools to collect data. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to use appropriate instrumentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

and computational tools to analyze data. (2)				
The ability to use appropriate instrumentation and computational tools to interpret data. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to read, evaluate, interpret, and apply numerical information. (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to read, evaluate, interpret, and apply general scientific information. (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A familiarity with and application of safety in good laboratory field practices. (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If degree_major1 Is Equal to BIOS

QNS2a Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1 Is Equal to CHEM

TNS3 Chemical Sciences Major Please answer the following questions about your experience in the Chemical Sciences Major at UC Merced.

Answer If degree_major1 Is Equal to CHEM

QNS3 The Chemical Sciences program targets the following skills and knowledge. How important are these skills and knowledge to your success in your current profession or graduate studies, either directly or indirectly?

	Very important (1)	Important (2)	Of little importance (3)	Unimportant (4)
The ability to describe the major concepts and theoretical principles in chemistry. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to identify the central ideas underlying the principal subfields of chemistry - analytical, inorganic, organic, and physical chemistry. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to identify the central ideas underlying the broader interdisciplinary subfields of biological, environmental and materials chemistry. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to operate modern chemical instrumentation. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to perform chemical syntheses and carry out other essential chemical experiments with	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>strict adherence to sound laboratory techniques as well as good safety and hygiene practices. (5)</p>				
<p>Knowledge of how to use modern web-based methods to effectively search the scientific literature. (6)</p>	○	○	○	○
<p>The ability to integrate fundamental knowledge and skills into scientific inquiries. (7)</p>	○	○	○	○
<p>The ability to formulate well-defined and quantitative questions, develop testable hypotheses, design and execute experiments, analyze and interpret the results and reach appropriate conclusions. (8)</p>	○	○	○	○
<p>The ability to critically analyze the work of other scientists and assess its correctness, importance, and relevance. (9)</p>	○	○	○	○
<p>The ability to write organized and concise reports</p>	○	○	○	○

<p>using electronic media, posters and oral presentations. (10)</p>				
<p>The ability to present technical information using electronic media, posters and oral presentations. (15)</p>	○	○	○	○
<p>Communication and teamwork skills that allow you to work effectively both as a leader and a team member in a group. (11)</p>	○	○	○	○
<p>An appreciation for the role of chemistry in the global society. (12)</p>	○	○	○	○
<p>An appreciation for the central role chemistry plays in other scientific disciplines such as biology, medicine, environmental science, and engineering sciences. (13)</p>	○	○	○	○
<p>Conduct yourself ethically and responsibly in science-related professions. (14)</p>	○	○	○	○

Answer If degree_major1 Is Equal to CHEM

QNS3a Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1 Is Equal to ESS

TNS4 Earth Systems Science Major Please answer the following questions about your experience in the Earth Systems Science Major at UC Merced.

Answer If degree_major1 Is Equal to ESS

QNS4 The Earth Systems Science program targets the following skills and knowledge. How important are these skills and knowledge to your success in your current profession or graduate studies, either directly or indirectly?

	Very important (1)	Important (2)	Of little importance (3)	Unimportant (4)
Foundational knowledge of physics, chemistry, biology, and mathematics related to Earth systems that supports a working knowledge of basic research methodologies. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Foundational knowledge of physics, chemistry, biology, and mathematics related to Earth systems that supports a working knowledge of data analysis. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Foundational knowledge of physics, chemistry, biology, and mathematics related to Earth systems that supports a working knowledge of interpretation for	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>a variety of Earth-related data. (3)</p>				
<p>Knowledge of major concepts, theoretical principles, experimental findings, and areas of study related to Earth systems science. (4)</p>	○	○	○	○
<p>Comprehension of the interactions between natural Earth systems and human economic, political, and social systems. (5)</p>	○	○	○	○
<p>The ability to employ 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)</p>	○	○	○	○
<p>The ability to employ quantitative and numerical analyses in the formulation of research questions, experimental design, application and use of laboratory and</p>	○	○	○	○

<p>field instrumentation, and analysis and interpretation of data related to Earth systems. (7)</p> <p>The ability to employ hypothesis-driven methods of scientific inquiry 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. (8)</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<p>Effective written communication skills, especially the ability to transmit complex technical information. (9)</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<p>Effective oral communication skills, especially the ability to transmit complex technical information. (12)</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<p>The ability to work effectively individually in classroom, laboratory, and field settings. (10)</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<p>The ability to work effectively in</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

teams in classroom, laboratory, and field settings. (11)				
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Answer If degree_major1 Is Equal to ESS

QNS4a Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1 Is Equal to PHYS

TNS5 Physics Major Please answer the following questions about your experience in the Physics Major at UC Merced.

Answer If degree_major1 Is Equal to PHYS

QNS5 The Physics program targets the following skills and knowledge. How important are these skills and knowledge to your success in your current profession or graduate studies, either directly or indirectly?

	Very important (1)	Important (2)	Of little importance (3)	Unimportant (4)
The ability to apply basic physical principles - including classical mechanics, electricity and magnetism, quantum mechanics, and statistical mechanics - to explain a variety of natural phenomena. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to apply basic physical principles - including classical mechanics, electricity and magnetism, quantum mechanics, and statistical mechanics - to analyze a variety of natural phenomena. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to apply basic physical principles - including classical mechanics, electricity and magnetism,	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>quantum mechanics, and statistical mechanics - to predict a variety of natural phenomena. (3)</p>				
<p>The ability to translate physical concepts into mathematical language. (4)</p>	○	○	○	○
<p>The ability to apply advanced mathematical techniques (e.g. calculus, linear algebra, probability, and statistics) in explanations, analyses, and predictions of physical phenomena. (5)</p>	○	○	○	○
<p>The ability to take physical measurements in an experimental laboratory setting. (6)</p>	○	○	○	○
<p>The ability to analyze experimental results to draw conclusions about the physical system under investigation, including whether the data supports or refutes a given physical model. (7)</p>	○	○	○	○
<p>The ability to clearly explain mathematical and</p>	○	○	○	○

<p>physical reasoning orally. (8)</p>				
<p>The ability to clearly explain mathematical and physical reasoning in writing. (12)</p>	○	○	○	○
<p>The ability to communicate and work effectively in groups on a common project. (9)</p>	○	○	○	○
<p>The ability to formulate personal research questions that expand your knowledge of physics. (10)</p>	○	○	○	○
<p>The ability to apply sound scientific research methods to address research questions by researching the current literature. (11)</p>	○	○	○	○
<p>The ability to apply sound scientific research methods to address research questions by developing independent results. (13)</p>	○	○	○	○

Answer If degree_major1 Is Equal to PHYS

QNS5a Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to MTHM

TNS6 Applied Mathematics Minor Please answer the following questions about your experience in the Applied Mathematics Minor at UC Merced.

Answer If degree_major1_minor Is Equal to MTHM

QNS6 The Applied Mathematics program targets the following skills and knowledge. How important are these skills and knowledge to your success in your current profession or graduate studies, either directly or indirectly?

	Very important (1)	Important (2)	Of little importance (3)	Unimportant (4)
Solve mathematical problems using analytical methods. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solve mathematical problems using computational methods. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify the usefulness of applying mathematics to solve real-world problems. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Give clear and organized written explanations of mathematical ideas to a variety of audiences. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Give clear and organized verbal explanations of mathematical ideas to a variety of audiences. (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognize the relationships between different areas of mathematics. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognize the connections between mathematics and	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

other disciplines. (6)				
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Answer If degree_major1_minor Is Equal to MTHM

QNS6a Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to CHEM

TNS7 Chemical Sciences Minor Please answer the following questions about your experience in the Chemical Sciences Minor at UC Merced.

Answer If degree_major1_minor Is Equal to CHEM

QNS7 The Chemical Sciences program targets the following skills and knowledge. How important are these skills and knowledge to your success in your current profession or graduate studies, either directly or indirectly?

	Very important (1)	Important (2)	Of little importance (3)	Unimportant (4)
The ability to describe the major concepts and theoretical principles in chemistry. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to identify the central ideas underlying the principal subfields of chemistry - analytical, inorganic, organic, and physical chemistry. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to identify the central ideas underlying the broader interdisciplinary subfields of biological, environmental and materials chemistry. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to operate modern chemical instrumentation. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to perform chemical syntheses and carry out other essential chemical experiments with	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>strict adherence to sound laboratory techniques as well as good safety and hygiene practices. (5)</p> <p>Knowledge of how to use modern web-based methods to effectively search the scientific literature. (6)</p>	○	○	○	○
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Answer If degree_major1_minor Is Equal to CHEM

QNS7a Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to ESS

TNS8 Environmental Science and Sustainability Minor Please answer the following questions about your experience in the Environmental Science and Sustainability Minor at UC Merced.

Answer If degree_major1_minor Is Equal to ESS

QNS8 The Environmental Science and Sustainability program targets the following skills and knowledge. How important are these skills and knowledge to your success in your current profession or graduate studies, either directly or indirectly?

	Very important (1)	Important (2)	Of little importance (3)	Unimportant (4)
Use 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)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyze information on environmental quality. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recommend appropriate technical, political, or economic solutions to environmental problems. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communicate to diverse stakeholders the major concepts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>and principles of Environmental Science and Sustainability, such as how elements of the Earth system are interconnected, the carrying capacity of natural systems, and how governmental policy and economics can both perpetuate and solve environmental problems. (4)</p>				
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Answer If degree_major1_minor Is Equal to ESS

QNS8a Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to NSED

TNS9 Natural Sciences Education Minor Please answer the following questions about your experience in the Natural Sciences Education Minor at UC Merced.

Answer If degree_major1_minor Is Equal to NSED

QNS9 The Natural Sciences Education program targets the following skills and knowledge. How important are these skills and knowledge to your success in your current profession or graduate studies, either directly or indirectly?

	Very important (1)	Important (2)	Of little importance (3)	Unimportant (4)
Comprehensively articulate what constitutes responsibilities and duties of a science or mathematics teacher. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Comprehensively articulate what skills and knowledge are necessary to become a successful professional science or mathematics teacher. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to develop a lesson plan and deliver an effective lesson at the secondary school level. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design different types of assessments to evaluate student learning. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Distinguish between students with different learning abilities and needs and adapt your teaching methodology to	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

address this diversity. (5)				
Demonstrate familiarity with the California educational credentialing process. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate familiarity with instructional state standards and requirements. (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate strategies to address diverse demographics of California schools such as instruction to English learners. (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If degree_major1_minor Is Equal to NSED

QNS9 Based on your experience since graduating, what are the most important skills you use that were not listed above?

Answer If degree_major1_minor Is Equal to PHYS

TNS10 Physics Minor Please answer the following questions about your experience in the Physics Minor at UC Merced.

Answer If degree_major1_minor Is Equal to PHYS

QNS10 The Physics program targets the following skills and knowledge. How important are these skills and knowledge to your success in your current profession or graduate studies, either directly or indirectly?

	Very important (1)	Important (2)	Of little importance (3)	Unimportant (4)
The ability to apply basic physical principles - including classical mechanics, electricity and magnetism, quantum mechanics, and statistical mechanics - to explain a variety of natural phenomena. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to apply basic physical principles - including classical mechanics, electricity and magnetism, quantum mechanics, and statistical mechanics - to analyze a variety of natural phenomena. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to apply basic physical principles - including classical mechanics, electricity and magnetism,	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If school Is Equal to ENG

QENGA Have you taken the Fundamentals in Engineering exam?

- Yes (1)
- No (2)

Answer If Have you taken the Fundamentals in Engineering exam? Yes Is Selected And school Is Equal to ENG

QENGB Do you plan to take the Professional Engineering exam?

- Yes (1)
- No (2)

Answer If Have you taken the Fundamentals in Engineering exam? No Is Selected And school Is Equal to ENG

QENGC Do you plan to take the Fundamentals in Engineering exam in the future?

- Yes (1)
- No (2)

Answer If school Is Equal to ENG

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

- Yes (1)
- No (2)

Answer If Are you active in any professional societies and/or these... Yes Is Selected And school Is Equal to ENG

QENGDa Please list the professional societies in which you are active.

Answer If school Is Equal to ENG

QENGE Did you take the Service Learning course in the School of Engineering while at UC Merced?

- Yes (1)
- No (2)

Answer If Did you take the Service Learning course in the School of... Yes Is Selected And school Is Equal to ENG

QENGF What type of impact do you think the Service Learning course had on your academic achievement?

Answer If Did you take the Service Learning course in the School of... Yes Is Selected And school Is Equal to ENG

QENGG What type of impact do you think the Service Learning course had on your career?

Answer If Did you take the Service Learning course in the School of... Yes Is Selected And school Is Equal to ENG

QENGH What did you value most about your experience in Service Learning?

Answer If Did you take the Service Learning course in the School of... Yes Is Selected And school Is Equal to ENG

QENGI What would have made the Service Learning course more useful to you?

Answer If Did you take the Service Learning course in the School of... Yes Is Selected And school Is Equal to ENG

QENGI Please list any other comments you have about your experience with the Service Learning course.

Answer If degree_major1 Is Equal to ME

TENG1 Mechanical Engineering Major Please answer the following questions about your experience in the Mechanical Engineering Major at UC Merced.

Answer If degree_major1 Is Equal to ME

QENG1 Please rate how well your Engineering education at UC Merced taught you the following skills:

	Very Well (1)	Well (2)	Poorly (3)	Very Poorly (4)
Working knowledge of the principles of Mechanics and Thermodynamics and how these principles evolve into other disciplines such as Heat and Mass Transfer, Vibration and Control, Computational; Engineering, Mechanical Design, etc. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to recognize new forms of thinking and new promising directions in engineering. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of modern tools of analysis, synthesis and design (such as neural networks, genetic algorithms, adaptive and bio-mimetic design, virtual environments, uncertainty in simulations, life-cycle analysis, etc.) (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to incorporate interdisciplinary	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

concepts from mathematics, physics, biology, chemistry and other disciplines into engineering solutions and vice versa. (5)				
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Answer If degree_major1 Is Equal to ME

QENG1a Which of the previous skills do you currently use in your career? (Please select all that apply.)

- Working knowledge of the principles of Mechanics and Thermodynamics... (1)
- Ability to recognize new forms of thinking... (2)
- An understanding of modern tools of analysis, synthesis, and design... (3)
- Ability to incorporate interdisciplinary concepts... (4)

Answer If degree_major1 Is Equal to ME

QENG1b Please enter any comments you have regarding the teaching of these skills in the Mechanical Engineering Major.

Answer If degree_major1 Is Equal to ENVE

TENG2 Environmental Engineering Major Please answer the following questions about your experience in the Environmental Engineering Major at UC Merced.

Answer If degree_major1 Is Equal to ENVE

QENG2 Please rate how well your Engineering education at UC Merced taught you the following skills:

	Very Well (1)	Well (2)	Poorly (3)	Very Poorly (4)
A strong foundation in basic mathematics, science, social science, humanities and arts, along with engineering principles, enabling active engagement as citizens in your community. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adeptness at applying critical thinking, problem solving, engineering principles and reasoning, the scientific method, and teamwork to solve environmental resource problems and to restore and sustain the global environment. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preparation for advanced studies and research and/or employment advancement in a broad spectrum of industries and government agencies. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Effective written communication	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>with technical, professional, and broader communities. (6)</p>				
<p>Effective spoken communication with technical, professional, and broader communities. (7)</p>	○	○	○	○
<p>Effective visual communication with technical, professional, and broader communities. (8)</p>	○	○	○	○
<p>Practice engineering according to the highest professional standards, demonstrating respect for social, ethical, cultural, environmental, economic, and regulatory concerns. (9)</p>	○	○	○	○
<p>A desire to pursue life-long learning opportunities including continued education, professional licensure, challenging professional experiences and active participation in professional organizations. (10)</p>	○	○	○	○

Answer If degree_major1 Is Equal to ENVE

QENG2a Which of the previous skills do you currently use in your career? (Please select all that apply.)

- A strong foundation... (1)
- Adeptness at applying critical thinking... (2)
- Preparation for advanced studies and research... (3)
- Effective written communication... (4)
- Effective spoken communication... (5)
- Effective visual communication... (6)
- Practice engineering according to the highest professional standards... (7)
- A desire to pursue life-long learning opportunities... (8)

Answer If degree_major1 Is Equal to ENVE

QENG2b Please enter any comments you have regarding the teaching of these skills in the Environmental Engineering Major.

Answer If degree_major1 Is Equal to MSE

TENG3 Material Science and Engineering Major Please answer the following questions about your experience in the Material Science and Engineering Major at UC Merced.

Answer If degree_major1 Is Equal to MSE

QENG3 Please rate how well your Engineering education at UC Merced taught you the following skills:

	Very Well (1)	Well (2)	Poorly (3)	Very Poorly (4)
Ability to apply advanced science (such as chemistry and physics) and engineering principles to materials systems. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Integrated understanding of the scientific and engineering principles that underlie the four major elements of the field: structure, properties, processing, and performance related to materials systems appropriate to the field. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to apply and integrate knowledge from each of the above four elements of the field (Structure, Properties, Processing, and Performance) to solve materials selection and design problems. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to utilize experimental, statistical and	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

computational methods in the context of materials systems. (6) Professional and ethical responsibility. (7)	○	○	○	○
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Answer If degree_major1 Is Equal to MSE

QENG3a Which of the previous skills do you currently use in your career? (Please select all that apply.)

- Ability to apply advanced science... (1)
- Integrated understanding of the scientific and engineering principles... (2)
- Ability to apply and integrate knowledge... (3)
- Ability to utilize experimental, statistical, and computational methods... (4)
- Professional and ethical responsibility (5)

Answer If degree_major1 Is Equal to MSE

QENG3b Please enter any comments you have regarding the teaching of these skills in the Material Science and Engineering Major.

Answer If degree_major1 Is Equal to BENG

TENG4 Bioengineering Major Please answer the following questions about your experience in the Bioengineering Major at UC Merced.

Answer If degree_major1 Is Equal to BENG

QENG4 Please rate how well your Engineering education at UC Merced taught you the following skills:

	Very Well (1)	Well (2)	Poorly (3)	Very Poorly (4)
An understanding of biology and physiology. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The capability to apply advanced mathematics (including differential equations and statistics), science, and engineering to solve problems at the interface of engineering and biology. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to make measurements on living systems. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to interpret data from living systems. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The ability to address problems associated with the interaction between living and non-living materials and systems. (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Professional and ethical responsibility. (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If degree_major1 Is Equal to BENG

QENG4a Which of the previous skills do you currently use in your career? (Please select all that apply.)

- An understanding of biology and physiology. (1)
- The capability to apply advanced mathematics... (2)
- The ability to make measurements on living systems. (3)
- The ability to interpret data from living systems. (4)
- The ability to address problems associated with the interaction... (5)
- Professional and ethical responsibility. (6)

Answer If degree_major1 Is Equal to BENG

QENG4b Please enter any comments you have regarding the teaching of these skills in the Bioengineering Major.

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

TENG5 Computer Science and Engineering Major Please answer the following questions about your experience in the Computer Science and Engineering Major at UC Merced.

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

QENG5 Please rate how well your Engineering education at UC Merced taught you the following skills:

	Very Well (1)	Well (2)	Poorly (3)	Very Poorly (4)
An ability to apply knowledge of computing and mathematics appropriate to the discipline. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to analyze a problem and identify the computing requirements appropriate for its solution. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to function effectively as a member of a team in order to accomplish a common goal. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of professional, ethical, legal, security, and social issues and responsibilities. (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to communicate effectively with a range of audiences. (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>An ability to analyze the local and global impact of computing on individuals, organizations, and society. (9)</p>	○	○	○	○
<p>Recognition of the need for and an ability to engage in continuing professional development. (10)</p>	○	○	○	○
<p>An ability to use current techniques, skills, and tools necessary for computing practice. (11)</p>	○	○	○	○
<p>An 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. (12)</p>	○	○	○	○
<p>An ability to apply design and development principles in the construction of software systems of varying complexity. (13)</p>	○	○	○	○

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

QENG5a Which of the previous skills do you currently use in your career? (Please select all that apply.)

- An ability to apply knowledge of computing and mathematics... (1)
- An ability to analyze a problem and identify computing requirements... (2)
- An ability to design, implement, and evaluate computer-based... (3)
- An ability to function effectively as a member of a team... (4)
- An understanding of professional, ethical, legal, security, and social issues and responsibilities. (5)
- An ability to communicate effectively with a range of audiences. (6)
- An ability to analyze the local and global impact of computing... (7)
- Recognition of the need for and ability to engage in continuing professional development. (8)
- An ability to use current techniques, skills, and tools necessary for computing practice. (9)
- An ability to apply mathematical foundations, algorithmic principles, and computer science theory... (10)
- An ability to apply design and development principles in the construction of software systems... (11)

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

QENG5b Please enter any comments you have regarding the teaching of these skills in the Computer Science and Engineering Major.