UCR Transfer Admissions Checklist

UC RIVERSIDE UNIVERSITY OF CALIFORNIA

Student Name: _____ ***Community College:*** _____

1. UCR Admissions Criteria

- ☐ Complete 60 semester transfereable units (90 quarter units) with minimum GPA of 2.4 for California residents and 2.80 for nonresidents
- ☐ Complete (with a grade of C or better) the following course pattern
  - ☐ Two transfereable college courses (3 semester or 4-5 quarter units) in English Composition
  - ☐ One transfereable college course (3 semester or 4-5 quarter units) in mathematical concepts and quantitative reasoning
  - ☐ Four transfereable college courses (3 semester or 4-5 quarter units) chosen from two of the following subject areas: arts & humanities; social & behavioral sciences; physical & biological sciences

2. BCoE Admissions Criteria

- ☐ Cummulative GPA of 2.80
- ☐ Completion of 2 major specific sequences for your intended major with a GPA of 2.50
  - ☐ One sequence must be single-variable calculus (Math 9A, 9B, 9C)
  - ☐ The second sequence may be a sequence such as PHYS 40A, 40B, 40C
  - ☐ Completion of one year of college level English Composition (ENGL 1A, 1B, 1C)

3. Major Specific Criteria

Bioengineering

- ☐ Two courses in general chemistry with labs (CHEM 1A/1LA, 1B/1LB) - *must be completed at time of application*
- ☐ One course in introduction to cellular & molecular biology with lab (BIOL 5A/LA) - *must be completed at time of application*
- ☐ Three additional courses must be completed to form a completed series
  - ☐ Introduction to organismal biology (BIOL 5B)
  - ☐ General chemistry with lab (CHEM 1C/1LC)
  - ☐ Three courses in calculus based physics with lab (PHYS 40A, B, C)

Potential Sequences: CHEM 1A/1LA, 1B/1LB, and 1C/1LC ***OR*** *BIOL 5A/LA, 5B, and 5C* ***OR*** *PHYS 40A, 40B, and 40C*

Business Informatics

- ☐ One course in principles of accounting I (BUS 20) - *must be completed at time of application*
- ☐ One course in computer programming (CS 10) - *must be completed at time of application*
- ☐ Three courses (minimum) below to complete a sequence (CS 10, 11, 12, 14, and 61 OR BUS 20, ECON 2 or 3)
  - ☐ Intro to discrete structures (CS/MATH 11)
  - ☐ Object oriented programming (CS 12)
  - ☐ Data structures (CS 14)
  - ☐ Machine organization & assembly language programming (CS 61)
  - ☐ Intro to macroeconomics (ECON 2)
  - ☐ Intro to microeconomics (ECON 3)

Potential Sequences: Three courses from CS 10, 11, 12, 14, and 61 ***OR*** *BUS 20, ECON 2 or 3*

Chemical Engineering

- ☐ Two courses in general chemistry with labs (CHEM 1A/1LA, 1B/1LB) - *must be completed at time of application*
- ☐ One course in calculus based physics with lab (PHYS 40A) - *must be completed at time of application*
- ☐ Three additional courses must be completed to form a completed series
  - ☐ General chemistry with lab (CHEM 1C/1LC)
  - ☐ Intro to cellular & molecular biology with lab (BIOL 5A/LA)
  - ☐ Two courses in organic chemistry with labs (CHEM 112A, 112B)
  - ☐ Two courses in calculus based physics with labs (PHYS 40B, 40C)

Potential Sequences: CHEM 1A/1LA, 1B/1LB and 1C/1LC ***OR*** *PHYS 40A, 40B, and 40C* ***OR*** *CHEM 112A, 112B and BIOL 5A/LA*

Computer Engineering

- ☐ One course in computer programming (CS 10) - *must be completed at time of application*
- ☐ One course in object oriented programming (CS 12) - *must be completed at time of application*
- ☐ One course in calculus based physics with lab (PHYS 40A) - *must be completed at time of application*
- ☐ Three additional courses must be completed to form a completed series
  - ☐ Two calculus based physics courses w/labs (PHYS 40A/B)
  - ☐ Data structures (CS 14)
  - ☐ Machine organization & assembly language programming (CS 61)
  - ☐ Intro to discrete structures (CS/MATH 11)
  - ☐ Multi-variable calculus (MATH 10A)

Potential Sequences: Three courses from CS 10, 11, 12, 14, and 60 ***OR*** *PHYS 40A, 40B, and 40C*

Computer Science

- ☐ One course in computer programming (CS 10) - *must be completed at time of application*
- ☐ One course in object oriented programming (CS 12) - *must be completed at time of application*
- ☐ One course in calculus based physics with lab (PHYS 40A) - *must be completed at time of application*
- ☐ Three additional courses must be completed to form a completed series

- ☐ Two calculus based physics courses 2/labs (PHYS 40A/B)
- ☐ Intro to discrete structures (CS/MATH 11)
- ☐ Data structures (CS 14)
- ☐ Multi-variable calculus (MATH 10A)
- ☐ Machine organization & assembly language programming (CS 61)

Potential Sequences: Three courses from CS 10, 11, 12, 14, and 61 ***OR*** *PHYS 40A, 40B, and 40C*

Electrical Engineering

- ☐ One course in computer programming (CS 10) - *must be completed at time of application*
- ☐ One course in machine organization & assembly language programming (CS 61) - *must be completed at time of application*
- ☐ One course in calculus based physics with lab (PHYS 40A) - *must be completed at time of application*
- ☐ Three additional courses must be completed to form a completed series
  - ☐ Advanced C++ programming (CS 12)
  - ☐ Multi-variable calculus (MATH 10A)
  - ☐ 2 calculus based physics courses w/labs (PHYS 40A/B)
  - ☐ Engineering circuit analysis I w/lab (EE 1A/LA)
  - ☐ Intro to differential equations (Math 46)
  - ☐ Engineering circuit analysis II (EE 1B)

Potential Sequences: Three courses from CS 10, 12, 61, and MATH 10A ***OR*** *PHYS 40A, 40B, and 40C* ***OR*** *EE 1A/1LA, 1B, and MATH 46*

Environmental Engineering

- ☐ Two courses in general chemistry with labs (CHEM 1A/1LA, 1B/1LB) - *must be completed at time of application*
- ☐ One course in calculus based physics with lab (PHYS 40A) - *must be completed at time of application*
- ☐ Three additional courses must be completed to form a completed series
  - ☐ General chemistry with lab (CHEM 1C/1LC)
  - ☐ Intro to cellular & molecular biology with lab (BIOL 5A/LA)
  - ☐ Two courses in organic chemistry with labs (CHEM 112A, 112B)
  - ☐ Two courses in calculus based physics with labs (PHYS 40B, 40C)

Potential Sequences: CHEM 1A/LA, 1B/LB, 1C/LC ***OR*** *PHYS 40A, 40B, 40C* ***OR*** *CHEM 112A, 112B and BIOL 5A/LA*

Materials Science & Engineering

- ☐ Three courses in general chemistry with labs (CHEM 1A/1LA, 1B/1LB, 1C/1LC) - *must be completed at time of application*
- ☐ Three additional courses must be completed to form a completed series
  - ☐ Differential equations (MATH 46)
  - ☐ Organic chemistry with lab (CHEM 112A)
  - ☐ Three courses in calculus based physics with labs (PHYS 40A, B, C)
  - ☐ Two courses in multi-variable calculus (MATH 10A, 10B)

Potential Sequences: CHEM 1A/LA, 1B/LB, and 1C/LC ***OR*** *PHYS 40A, 40B, 40C* ***OR*** *MATH 46, MATH 10A, and MATH 10B*

Mechanical Engineering

- ☐ Two courses in general chemistry with labs (CHEM 1A/1LA, 1B/1LB) - *must be completed at time of application*
- ☐ One course in calculus based physics with lab (PHYS 40A) - *must be completed at time of application*
- ☐ Three additional courses must be completed to form a completed series
  - ☐ Two courses in calculus based physics w/ labs (PHYS 40B, 40C)
  - ☐ Engineer circuit analysis I w/lab (EE 1A/LA)
  - ☐ Intro to cellular & molecular biology with lab (BIOL 5A/LA)
  - ☐ Statics (ME 10)
  - ☐ Engineering graphics w/ computer applications (ME 9)
  - ☐ Intro to engineering computation (ME 18)
  - ☐ Intro to ME engineering problem solving/computation (ME 1C)

Potential Sequences: PHYS 40A, 40B, 40C ***OR*** *CHEM 1A/LA, 1B/LB and BIOL 5A/LA* ***OR*** *EE 1A/LA, ME 9, and ME 10*