School of Computer Science

Scheduling Planner

Class of 2021
Fall 2017
Planning Your Schedule

This is the written version of an equivalent online schedule. You should create your own schedule using an online application called Student Information Online (SIO).

The main goal of this document is for you to understand which courses you are required to take and which other courses you may choose from. It is important that you understand this distinction.

Some basic rules before you actually build your schedule and then register

1. Do not schedule conflicting/overlapping courses.
2. There are seven (7) courses you must take.
3. There are sections and lectures in many courses with seats reserved for CS majors. Those sections and lectures are mentioned for each course. If that is the case then you must choose from those sections and lectures.
4. You must a minimum of 36 units and a maximum of 54.

These are the seven (7) courses that you must be included in your schedule:

1. 15-128 Freshman Immigration Course (FIC)
2. One Computer Science course: 15-112 or 15-122
3. 99-101 Computing @ Carnegie Mellon (C@CM)
4. 15-151 Mathematical Foundations of Computer Science
5. A Math class (21-120 or 21-122 or 21-241 or 21-259)
6. 76-101 Interpretation and Argument (or in some cases 76-100)
7. 15-051 Discrete Math Primer (DMP)

If you cannot register for 76-101\(^1\), you may take one (1) of the following courses instead:

1. Science and Engineering course
2. Humanities & Social Sciences course
3. Art course

There are specific sections and lectures reserved for CS majors for most of these courses. You must choose one of these sections.

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\(^1\) Only about 75% of the SCS freshman will be able to take 76-101 in the fall. The other 25% will have to wait until the spring semester.
YOU MUST REGISTER FOR THE FOLLOWING SEVEN (7) COURSES:

1. Freshman Immigration Course

15-128 Freshman Immigration Course 1 unit
Sec A T 3:00-4:20pm

2. Computing@Carnegie Mellon

99-101 3 units
Section X1

You are already registered in this class (in section X1). The goal is for you to complete this class before you arrive on campus. Read the emails that I have sent earlier regarding this class.

3. Computer Course (one of the following two)²

15-112 Fundamentals of Programming 12 units
Lecture 1 TR 10:30-11:50
Section A WF 9:30-10:20
Section B WF 10:30-11:20
Section C WF 11:30-12:20
Section D WF 12:30-1:20
Section F WF 2:30-3:20
Section G WF 3:30-4:20
Section H WF 4:30-5:20

15-122 Principles of Imperative Computation 10 units
Lecture 1 TR 9:00-10:20
Section A MF 9:30-10:20  Section F MF 2:30-3:20
Section B MF 10:30-11:20  Section G MF 3:30-4:20
Section C MF 11:30-12:20  Section H MF 4:30-5:20
Section D MF 12:30-1:20

YOU MUST CHOOSE FROM THESE SECTIONS AND ONLY FROM THESE!

² I will let you know which CS course you need to take. It is based on your AP/IB/CE Computer Science credits, the results of the CS Placement Test or transfer credits.
4. **Discrete Mathematics**

15-151 Mathematical Foundations of Computer Science 10 units

Lecture 1 MWF 1:30-2:20
Section A TR 10:30-11:20
Section B TR 10:30-11:20
Section C TR 12:30-1:20
Section D TR 12:30-1:20
Section E TR 1:30-2:20
Section F TR 1:30-2:20
Section G TR 4:30-5:20
Section H TR 4:30-5:20

**YOU MUST CHOOSE FROM THESE SECTIONS AND ONLY FROM THESE!**

5. **One Math Course (one of the following four)**

Based on your AP Calculus credits you will need to take one and only one of the following four math courses:

21-120 Differential and Integral Calculus 10 units

Lecture 1 MWF 8:30-9:20
Section D TR 12:30-1:20
Section H TR 12:30-1:20

21-122 Integration, Differential Equations and Approximation 10 units

Lecture 1 MWF 8:30-9:20
Section C TR 12:30-1:20
Section G TR 12:30-1:20
Section H TR 1:30-2:20

**YOU MUST CHOOSE FROM THE SECTIONS ABOVE!**

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3 I will let you know which Math course you need to take. It is based on your AP Calculus scores, IB/CE Mathematics scores, or transfer credits.

Fall 2017
21-241  Matrices and Linear Transformations  10 units
Lecture 2   MWF 11:30-12:20
Section E   R  12:30-1:20
Section F   R  12:30-1:20

Lecture 3   MWF 12:30-1:20
Section H   R  1:30-2:20

Lecture 5   MWF 9:30-10:20
Section L   R  1:30-2:20

YOU MUST CHOOSE FROM THE SECTIONS ABOVE!

21-259  Calculus in Three Dimensions  9 units
Lecture 1   MWF 9:30-10:20
Section D   T  1:30-2:20

Lecture 3   MWF 12:30-1:20
Section M   T  12:30-1:20
Section O   T  4:30-5:20

YOU MUST CHOOSE FROM THE SECTIONS ABOVE!
6. One English Course

### 76-101 Interpretation and Argument 9 units

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Section U TR 1:30-2:50
Section UU TR 1:30-2:50

There are very few seats in each section. It is very likely you will not end up with your first or second choice for this class. Also, some of you may have to take 76-100 in the fall before you can take 76-101 in the spring.

**YOU MUST CHOOSE FROM THE SECTIONS ABOVE!**

### 76-100 Reading & Writing in an Academic Context 9 units

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**YOU MUST CHOOSE FROM THE SECTIONS ABOVE!**

Fall 2017
7. Discrete Math Primer

15-051 1 unit
Section A1

You are already registered in this class. The goal is for you to complete this class before you arrive on campus. Read the emails that I have sent earlier regarding this class.

Only about 75% of the SCS freshman will be able to take 76-101 in the fall. The other 25% will have to wait until the spring semester. If you don’t make 76-101 this fall then you could replace it with one Science/Engineering course or with one Humanities/Arts course. Here are some suggestions:

Science/Engineering Courses

33-121 Physics I for Science Students 12 units
Lecture 1 MWF 8:30-9:20
Section A TR 8:30-9:20
Section B TR 9:30-10:20
Section C TR 10:30-11:20
Section D TR 11:30-12:20

33-122 Physics II Biological Sciences and Chemistry Students 9 units
Lecture 1 MWF 9:30-10:20
Section A TR 8:30-9:20

33-141 Physics I for Engineering Students 12 units
Any section that fits your schedule will do. But be aware that there are no reserved seats for CS majors and the number of seats available is very small.

33-142 Physics II for Engineering Students 12 units
Any section that fits your schedule will do. But be aware that there are no reserved seats for CS majors and the number of seats available is very small.

33-151 Matter and Interaction I 12 units
Lecture 1 MWF 9:30-10:20
Section A TR 8:30-9:20
Section B TR 9:30-10:20

YOU MUST CHOOSE FROM THE SECTIONS ABOVE!
03-121 Modern Biology 9 units
Section A  MWF  1:30-2:20
Section C  MWF  1:30-2:20

09-105 Intro to Modern Chemistry 10 units
Lecture 1  MWF 10:30-11:20
Lecture 2  MWF 11:30-12:20
Section A  TR  6:30-7:20 PM
Section H  TR  7:30-8:20 PM
Section C  TR  6:30-7:20 PM
Section I  TR  7:30-8:20 PM
Section D  TR  7:30-8:20 PM
Section J  TR  7:30-8:20 PM
Section E  TR  6:30-7:20 PM
Section F  TR  7:30-8:20 PM

YOU MUST CHOOSE FROM THE SECTIONS ABOVE!

Humanities and Arts Courses 9 units
Any course offered by Philosophy, English, History, Psychology, Economics, Modern Languages, etc. Any course offered by DC (Dietrich College of Humanities) or CFA (College of Fine Arts) qualifies. Choose any lecture and/or any section that fits your schedule.

16-161 Robotics Freshman Seminar: AI and Humanity 9 units
Section A  TR  1:30-2:50

HOW TO COUNT YOUR UNITS
The maximum numbers of units is 54. There are no exceptions to this rule!

The 3 units for 99-101 Computing @ Carnegie Mellon and the 1 unit for 15-051 Discrete Math Primer count towards your 54 units. In other words, you still have 50 units to register the seven(7) courses discussed at the beginning of this document.