

The Core as Your Academic Foundation  
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Statistics  
KH B03, 2:20–3:10, June 18 2018

# What are we doing today?

## 1 Students' Main concerns

# What are we doing today?

- 1 Students' Main concerns
- 2 General Academics

# What are we doing today?

- 1 Students' Main concerns
- 2 General Academics
- 3 The Core

# What are we doing today?

- 1 Students' Main concerns
- 2 General Academics
- 3 The Core
- 4 Why do we take the Core?

# What are we doing today?

- 1 Students' Main concerns
- 2 General Academics
- 3 The Core
- 4 Why do we take the Core?
- 5 Messina

# What are we doing today?

- 1 Students' Main concerns
- 2 General Academics
- 3 The Core
- 4 Why do we take the Core?
- 5 Messina
- 6 Example schedules

# Main Concerns

What **concerns** do you have about being a college student?



# Main Concerns

What **concerns** do you have about being a college student?

“Concerns”: Things that . . .

- are really important to you and you want to go right

# Main Concerns

What **concerns** do you have about being a college student?

“Concerns”: Things that . . .

- are really important to you and you want to go right
- **you just want to keep an eye on**

# Main Concerns

What **concerns** do you have about being a college student?

“Concerns”: Things that . . .

- are really important to you and you want to go right
- you just want to keep an eye on
- **make you a little anxious**

# Main Concerns

What **concerns** do you have about being a college student?

“Concerns”: Things that . . .

- are really important to you and you want to go right
- you just want to keep an eye on
- make you a little anxious
- **worry you**

# Main Concerns

What **concerns** do you have about being a college student?

“Concerns”: Things that . . .

- are really important to you and you want to go right
- you just want to keep an eye on
- make you a little anxious
- worry you

**Be creative!**

# Main Concerns

What **concerns** do you have about being a college student?

“Concerns”: Things that ...

- are really important to you and you want to go right
- you just want to keep an eye on
- make you a little anxious
- worry you

**Be creative!** (no repeats)

# Main Concerns

- Making new friends

# Main Concerns

- Making new friends
- **Classes too hard**



# Main Concerns

- Making new friends
- Classes too hard
- Missing family and friends

# Main Concerns

- Making new friends
- Classes too hard
- Missing family and friends
- **Choosing the right major**

# Main Concerns

- Making new friends
- Classes too hard
- Missing family and friends
- Choosing the right major
- **Knowing what class to take**

# Main Concerns

- Making new friends
- Classes too hard
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- Choosing the right major
- Knowing what class to take
- Failing out of college

# Main Concerns

- Making new friends
- Classes too hard
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- Choosing the right major
- Knowing what class to take
- Failing out of college
- **Having a boy/girl friend**

# Main Concerns

- Making new friends
- Classes too hard
- Missing family and friends
- Choosing the right major
- Knowing what class to take
- Failing out of college
- Having a boy/girl friend
- **Not having a boy/girl friend**

# Main Concerns

- Making new friends
- Classes too hard
- Missing family and friends
- Choosing the right major
- Knowing what class to take
- Failing out of college
- Having a boy/girl friend
- Not having a boy/girl friend
- **Too much stress**

# Main Concerns

- Making new friends
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- Knowing what class to take
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- Having a boy/girl friend
- Not having a boy/girl friend
- Too much stress
- **Too little sleep**



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- Making new friends
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- Knowing what class to take
- Failing out of college
- Having a boy/girl friend
- Not having a boy/girl friend
- Too much stress
- Too little sleep
- **My Health**

# Main Concerns

- Making new friends
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- Failing out of college
- Having a boy/girl friend
- Not having a boy/girl friend
- Too much stress
- Too little sleep
- My Health
- **Dating**

# Main Concerns

- Making new friends
  - Classes too hard
  - Missing family and friends
  - Choosing the right major
  - Knowing what class to take
  - Failing out of college
  - Having a boy/girl friend
  - Not having a boy/girl friend
  - Too much stress
  - Too little sleep
  - My Health
  - Dating
- Prevalence of drugs and alcohol

# Main Concerns

- Making new friends
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- Prevalence of drugs and alcohol
- Debt

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- Debt
- Paying for college

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- Working through college

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- Distance from home

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- **Keeping scholarship**



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- Being a victim of crime

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- **Living with a roommate**

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- **Balancing everything**

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- Laundry, cooking, etc.

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- **Living in a dorm**

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- Finding a job
- Living in a dorm
- My learning disability



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- Living in a dorm
- My learning disability
- **My mental health issue**

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- Living in a dorm
- My learning disability
- My mental health issue
- Family member who needs my help

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- My learning disability
- My mental health issue
- Family member who needs my help
- Dying family member

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- Family member who needs my help
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# Why did you choose a Jesuit school?

Importance of Jesuit Mission in choosing Loyola:

	Very Important	Somewhat Important
Students		
Parents		

# Why did you choose a Jesuit school?

Importance of Jesuit Mission in choosing Loyola:

	Very Important	Somewhat Important
Students	18%	66%
Parents		

# Why did you choose a Jesuit school?

Importance of Jesuit Mission in choosing Loyola:

	Very Important	Somewhat Important
Students	18%	66%
Parents	56%	40%

# Cura Personalis

Care for whole person



# Cura Personalis

Care for whole person

- Jesuit mission

# Cura Personalis

## Care for whole person

- Jesuit mission
- Recognition of unique gifts and difficulties

# Cura Personalis

## Care for whole person

- Jesuit mission
- Recognition of unique gifts and difficulties
- Integrating students' concerns with curriculum and programs

# Loyola Resources

- Prevalence of drugs and alcohol

# Loyola Resources

- Prevalence of drugs and alcohol  $\implies$  Options program, ADESS, Best of Baltimore, Mystery Bus

# Loyola Resources

- Prevalence of drugs and alcohol  $\implies$  Options program, ADESS, Best of Baltimore, Mystery Bus
- **Knowing what class to take**

# Loyola Resources

- Prevalence of drugs and alcohol  $\implies$  Options program, ADESS, Best of Baltimore, Mystery Bus
- Knowing what class to take  $\implies$  Core Advisor, Major Advisor, AASC

# Loyola Resources

- Prevalence of drugs and alcohol  $\implies$  Options program, ADESS, Best of Baltimore, Mystery Bus
- Knowing what class to take  $\implies$  Core Advisor, Major Advisor, AASC
- **Time management**



# Loyola Resources

- Prevalence of drugs and alcohol  $\implies$  Options program, ADESS, Best of Baltimore, Mystery Bus
- Knowing what class to take  $\implies$  Core Advisor, Major Advisor, AASC
- Time management  $\implies$  Time management workshops, Moodle, ...

# Loyola Resources

- Prevalence of drugs and alcohol  $\implies$  Options program, ADESS, Best of Baltimore, Mystery Bus
- Knowing what class to take  $\implies$  Core Advisor, Major Advisor, AASC
- Time management  $\implies$  Time management workshops, Moodle, ...
- Finding a job

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- Prevalence of drugs and alcohol  $\implies$  Options program, ADESS, Best of Baltimore, Mystery Bus
- Knowing what class to take  $\implies$  Core Advisor, Major Advisor, AASC
- Time management  $\implies$  Time management workshops, Moodle, ...
- Finding a job  $\implies$  **career center, faculty advice**

# Loyola Resources

- Prevalence of drugs and alcohol  $\implies$  Options program, ADESS, Best of Baltimore, Mystery Bus
- Knowing what class to take  $\implies$  Core Advisor, Major Advisor, AASC
- Time management  $\implies$  Time management workshops, Moodle, ...
- Finding a job  $\implies$  career center, faculty advice
- Living with a roommate, a crazy friend

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- Prevalence of drugs and alcohol  $\implies$  Options program, ADESS, Best of Baltimore, Mystery Bus
- Knowing what class to take  $\implies$  Core Advisor, Major Advisor, AASC
- Time management  $\implies$  Time management workshops, Moodle, ...
- Finding a job  $\implies$  career center, faculty advice
- Living with a roommate, a crazy friend  $\implies$  R.A.

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- Finding a job  $\implies$  career center, faculty advice
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- **Learning (or other) disability**

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- Living with a roommate, a crazy friend  $\implies$  R.A.
- Learning (or other) disability  $\implies$  **DSS**

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- Knowing what class to take  $\implies$  Core Advisor, Major Advisor, AASC
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- Finding a job  $\implies$  career center, faculty advice
  
- Living with a roommate, a crazy friend  $\implies$  R.A.
- Learning (or other) disability  $\implies$  DSS
- **Mental health, family crisis**



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- Knowing what class to take  $\implies$  Core Advisor, Major Advisor, AASC
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- Finding a job  $\implies$  career center, faculty advice
  
- Living with a roommate, a crazy friend  $\implies$  R.A.
- Learning (or other) disability  $\implies$  DSS
- Mental health, family crisis  $\implies$  Pastoral counseling, Counseling center

# Loyola Resources

- Prevalence of drugs and alcohol  $\implies$  Options program, ADESS, Best of Baltimore, Mystery Bus
- Knowing what class to take  $\implies$  Core Advisor, Major Advisor, AASC (and the Core!)
- Time management  $\implies$  Time management workshops, Moodle, ...
- Finding a job  $\implies$  career center, faculty advice (and the Core!)
- Living with a roommate, a crazy friend  $\implies$  R.A.
- Learning (or other) disability  $\implies$  DSS
- Mental health, family crisis  $\implies$  Pastoral counseling, Counseling center

# General Academics

What does it take to graduate?

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What does it take to graduate?

- A major

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What does it take to graduate?

- A major
- The core classes

# General Academics

What does it take to graduate?

- A major
- The core classes
- About \$200,000

# General Academics

What does it take to graduate?

- A major
- The core classes
- About \$200,000
- **Hard work**

# General Academics

What does it take to graduate?

- A major
- The core classes
- About \$200,000
- Hard work
- 40 classes (only counting 3 or 4 credit classes)



# Majors

What do you think a major is? How does it matter?

# Majors

What do you think a major is? How does it matter?

- A specialty

# Majors

What do you think a major is? How does it matter?

- A specialty
- *Maybe what you get your job in.*

# Majors

What do you think a major is? How does it matter?

- A specialty
- *Maybe* what you get your job in.
- **About 10–20 classes**

# What is your major?

- Communications: 14 classes

# What is your major?

- Communications: 14 classes
- Biology: 15 classes
- Chemistry: 14 classes
- Computer science: 16–19 classes
- Mathematics: 15 classes
- Physics: 16 classes
- Statistics: 14 classes
- Computer Engineering: 25

# Major classes and what else?

There are three kinds of classes:

# Major classes and what else?

There are three kinds of classes:

Major classes



# Major classes and what else?

There are three kinds of classes:

Major classes + Core classes

# Major classes and what else?

There are three kinds of classes:

Major classes + Core classes + Electives =

# Major classes and what else?

There are three kinds of classes:

Major classes + Core classes + Electives = 40!

# Major classes and what else?

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# Major classes and what else?

There are three kinds of classes:

$$\text{Major classes} + \text{Core classes} + \text{Electives} = 40!$$

$$\text{Electives} := 40 - \text{Major classes} - \text{Core classes}$$

# The Core

Some “wh” questions about the core:

# The Core

Some “wh” questions about the core:

- Who (takes it)?

# The Core

Some “wh” questions about the core:

- Who (takes it)?
- What (is the core)?



# The Core

Some “wh” questions about the core:

- Who (takes it)?
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- How (do we take it)?

# The Core

Some “wh” questions about the core:

- Who (takes it)?
- What (is the core)?
- When (do we take it)?
- Why (do we take it)?
- ~~Where (do we take it)?~~
- ~~How (do we take it)?~~

# Who takes it?

# Who takes it?

Everyone

# What is the core?



# What is the core?

<b>Subject</b>	<b>Number of classes</b>	<b>Subject</b>	<b>Number of classes</b>
Writing	1	Math science	1.5
English	2	Natural science	1.5
Philosophy	2	Language	1–4*
Theology	2		
History	2		
Social science	2		
Fine Arts	1		
Ethics	1		
<b>Total:</b>			<b>17–20*</b>

# When do we take it?

# When do we take it?

Every semester.

# When do we take it?

Every semester. Twice.

# Why do we take the core?

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This is (always) the hardest question.

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We'll look at:

# Why do we take the core?

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We'll look at:

- How the core addresses student's concerns



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This is (always) the hardest question.

We'll look at:

- How the core addresses student's concerns
- How the core gives you broad benefits
- How the core prepares you for change
- How the core prepares you for life after college: Jobs, Graduate School



# Addresses students' concerns

Remember that big list of concerns?

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Some of them are addressed by the core:

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Some of them are addressed by the core:

- Choosing major (more below)
- Finding a job (more below)
- Knowing what class to take
- Exploring religion and spirituality
- Figuring out what to do with your life

# Broad benefits

The core is at the heart of what a “liberal arts education” means.

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- **Developing ethical values**



# Broad benefits

The core is at the heart of what a “liberal arts education” means.

- Being well rounded
- Written and oral communication skills
- Encouraging lifelong learning
- Developing ethical values
- Studying abroad

# Major change of plans

# Major change of plans

100% sure of your major?

# Major change of plans

100% sure of your major? 75%?

# Major change of plans

100% sure of your major? 75%? No real idea?

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Nationwide: 50% change majors.

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100% sure of your major? 75%? No real idea?

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Core introduces wide variety of subjects: some you've never heard of; one of them may be just right.



# Job plan B

# Job plan B

100% sure what kind of job you'll get?

# Job plan B

100% sure what kind of job you'll get?    75%?

# Job plan B

100% sure what kind of job you'll get?    75%?

Will your job come straight out of your major?

# Job plan B

100% sure what kind of job you'll get?    75%?

Will your job come straight out of your major?

Loyola:

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Will your job come straight out of your major?

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100% will rely *in part* on skills from outside of major.

# Graduate School

“Liberal arts colleges as a group produce about twice as many eventual science PhD’s per graduate as do baccalaureate institutions in general.”

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Thomas R. Cech  
Nobel Prize in Chemistry  
National Medal of Science

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- 90%: “it is important that those they hire demonstrate ethical judgment and integrity; intercultural skills; and the capacity for continued new learning.”
- 75%: “more emphasis on 5 key areas including: critical thinking, complex problem-solving, written and oral communication, and applied knowledge in real-world settings.”

# Technology

It's in Apple's DNA that technology alone is not enough. It's technology married with liberal arts, married with the humanities, that yields the results that make our hearts sing.

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# Engineering

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(General contracting, #79 in Forbes 100 private companies)

# Chemistry

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DuPont Central Research & Development

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- } × 2

# Example: What courses do I take? When?

- Google “loyola.edu Academic Worksheets”

# Example: What courses do I take? When?

- Google “loyola.edu Academic Worksheets”
- Google “Catalogue”