Course 3101, Section 001, CRN 766  
Fall 2020  
Instructor: Dr. JD Grattepanche  
The course syllabus will provide you with the course schedule, course objectives, explanations of assignments and assessments, grading policies, and instructor contact information. Please read it carefully. You should have a deep familiarity with the schedule and process of the course.

- **COURSE DETAILS**  
- **POLICIES & SERVICES**  
- **ASSIGNMENTS & GRADING**  
- **COURSE SCHEDULE**

**Course Description:**

During this course, we will discuss the history of Evolution theories and various concepts in Evolution, analyze the genetics mechanisms involved from the origin of life to the biosphere we know. For this purpose, we will have a quick look at the fossil records, discuss the endosymbiotic theories, the principles of microevolution (inheritance, mutation, recombination, population genetics, natural selection, genetic drift, etc) and macroevolution (mass extinction, adaptive radiation, coevolution, speciation). For the last part of the course, we will look at the Human evolution and some applied evolution.

**Course Learning Goals:**

1. Understand the role of Evolution in shaping the diversity of organisms  
2. Master key concepts in Evolution such as Natural selection and Genetic drift.  
3. Analyze the genetic mechanisms behind some important concepts in Evolution  
4. Identify the interaction between population genetics and speciation events.  
5. Formulate useful questions about the origin and diversity of life.  
6. Develop interest in the role of Evolution in shaping the human diversity.  
7. Create a short video about a clade (e.g. giraffe, a bacterium, blue whale) of your choice and explain their key innovations.

**Required Course Materials:**

All course information will be delivered in lectures. There is no textbook and therefore attendance is critical. Lecture outlines will be available on CANVAS, usually
immediately prior to each lecture, although sometimes after a lecture, to provide students with access to illustrations shown during lectures. For copyright reasons, outlines should not to be distributed or posted on other servers. The outlines contain only bullets of text and should not to be considered as “notes.” Students are responsible for taking their own notes during lecture and for all details discussed, including material (e.g., spoken during lecture) that is not in the lecture outlines. If a lecture is missed, it is the responsibility of the student to obtain notes (e.g., from a classmate).

**Technology Requirements:**

- Headphones
- Webcam
- Recommended Internet Speed: 8mbps download & 5mbps upload. You can test your connection at [https://www.speedtest.net](https://www.speedtest.net)
- Please note: Hard-wired connections are more consistent than Wi-Fi for Zoom sessions.

This course requires the use of Canvas, including access to materials and assignment submission. Some videos posted via Canvas will require the use of speakers. The instructor may utilize web-conferencing tools to deliver synchronous material. In order to participate in synchronous sessions (should they exist), you should have a computer, a webcam, headphones, and microphone.

This course requires the use of Microsoft Office (i.e., Word, Excel, PowerPoint) and/or Google Drive including Docs, Sheets, and Slides. Students can gain access to these materials by visiting the [Computer Services Download Site](https://www.speedtest.net).

Students should check their [Temple email](https://www.speedtest.net) daily for course updates.

All students are required to comply with [Temple University’s Computer and Network Security Policy](https://www.speedtest.net).

**Accessibility of course technologies**

- [Canvas](https://www.speedtest.net)
- Zoom
- VoiceThread
- ProctorU
- Proctorio
- GoogleDrive

**Instructional Methods:**

Online asynchronous and synchronous
Possible Instructional Methods: Readings, video-based lectures, individual activities, discussion boards, virtual Zoom meetings.

Course Communication

To facilitate communication, the university requires you to have an e-mail account ending in @temple.edu.

During the semester, I will generally respond to emails within 24 hours of receiving them during the week and with 48 hours on weekends.

Grading Scale

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<thead>
<tr>
<th>A Range</th>
<th>B Range</th>
<th>C Range</th>
<th>D Range</th>
<th>F Range</th>
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</thead>
<tbody>
<tr>
<td>A 94 - 100</td>
<td>B+ 87 - 89</td>
<td>C+ 77 - 79</td>
<td>D+ 67 - 69</td>
<td>F 0 - 59</td>
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<tr>
<td>A- 90 - 93</td>
<td>B 84 - 86</td>
<td>C 74 - 76</td>
<td>D 64 - 66</td>
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<td></td>
<td>B- 80 - 83</td>
<td>C- 70 - 73</td>
<td>D- 60 - 63</td>
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Weighting Details

- Assignments: %
- Quizzes: %
- Discussion Boards: %
- Participation: %
- Final Exam: %

Total = 100%

Assignment Descriptions:

There will be assignments within each module and include participation to the discussion board, quizzes, paper, peer-review, presentation using video (obj 7) and a final exam. The final exam will have 50 multiple-choice questions (5 choices each) and the presentation will be graded on 50 points (accuracy, accessibility, illustration, etc.). The final exam is comprehensive and required of everyone. Because doing bad in a module sometimes happens to the best of us, for whatever reason (cold or flu, personal issue, athletic event, family emergency, etc.), everyone's lowest module score will be dropped (except module 3). That way, you can 'miss' a module (score = zero) and it won't count towards your final grade. The lowest module score is dropped automatically no matter what the reason for doing poorly for this module. The exception is the module
3, which will allow you to build on your presentation (obj 7) and therefore cannot be dropped. Under this policy, there are no makeup exams. Therefore, your final course grade will be based on the remaining modules (15pts each module), your presentation and your final exam, for a maximum total of 275 points. If you believe that a clear and unambiguous error was made in grading a question, submit a short explanation via email to Dr. Grattepanche, for consideration, within one week after the exam in question.

**General Policies**

All [Temple University Academic Policies](https://www.temple.edu/academicpolicies) will be upheld.

The [Information Science & Technology, M.S. website](https://www.temple.edu/ics/graduate) details program expectations.

**Course Minimum Grade**

Although D- is a passing grade, a minimum grade of C- is required in all courses to complete the program.

For more information, please see [Temple University's Academic Policies on Grades and Grading](https://www.temple.edu/academicpolicies/grades.html).

**Incomplete**

A student will be eligible for a grade of “Incomplete” only if he/she: 1) has completed at least 51% of the work at a passing level, 2) is unable to complete the work for a serious reason beyond his or her control, and 3) files a signed agreement with the instructor outlining the work to be completed and the time frame in which that work will be completed. The student is responsible for initiating this process and all incomplete forms must be sent to the Associate Dean for Academic Affairs prior to the start of study days in that semester.

Please refer to the following for further details: [Temple University’s Incomplete Policy](https://www.temple.edu/academicpolicies/02.10.13.html) (Policy #02.10.13).

**Withdraw from the Course**

If a student wishes to withdraw from a course, it is the student’s responsibility to meet the deadline for the last day to withdraw from the current semester.

See [Temple University's Academic Calendar](https://www.temple.edu/academicpolicies/02.10.14.html) for withdrawing deadlines and consult the [University policy on withdrawals](https://www.temple.edu/academicpolicies/02.10.14.html) (Policy # 02.10.14).

**Statement on Academic Rights & Responsibilities**
Freedom to teach and freedom to learn are inseparable facets of academic freedom. The University has a policy on Student and Faculty Academic Rights and Responsibilities (Links to an external site.) (Policy #03.70.02).

**Academic Honesty**

According to the University Student Code of Conduct, students must not commit, attempt to commit, aid, encourage, facilitate, or solicit the commission of academic dishonesty and impropriety including plagiarism, academic cheating, and selling lecture notes or other information provided by an instructor without the instructor's authorization. Violations may result in failing the assignment and/or failing the course, and/or other sanctions as enumerated in the University Code of Conduct (Links to an external site.).

**Netiquette**

Your instructor and fellow students wish to foster a safe online learning environment. All opinions and experiences, no matter how different or controversial they may be perceived, must be respected in the tolerant spirit of academic discourse. You are encouraged to comment, question, or critique an idea but you are not to attack an individual.

Our differences, some of which are outlined in the University's nondiscrimination statement (Links to an external site.), will add richness to this learning experience. Please consider that sarcasm and humor can be misconstrued in online interactions and generate unintended disruptions. Working as a community of learners, we can build a polite and respectful course atmosphere.

**Online classroom etiquette**

It is expected that each student attends every class on time for the full duration of each class and behaves, in the same professional manner, as if you are in a regular classroom. This refers in particular to your location and attire. It is not appropriate to eat a large meal, drink alcohol, smoke, or getting up often during an online class.

**Disability Disclosure Statement**

Any student who has a need for accommodation based on the impact of a documented disability should contact Disability Resources and Services (DRS), Ritter Annex 100, (215) 204-1280 or 215-204-1786 (TTY) or drs@temple.edu, to make arrangements. Students requesting accommodations should meet with the instructor as soon as possible after the start of classes to discuss their needs and to provide documentation from DRS. Accommodations are not retroactive.

Additional information regarding accessibility for all technologies used in this course is provided below:
Technical & Academic Support

For a listing of Academic support services available to Temple University students, see the Academic and Support Services Page.

For a listing of technical support services available to Temple University students, see the Technical Support Page.

Counseling Services

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, substance use, feeling down, difficulty concentrating and/or lack of motivation. These concerns or stressful events may lead to diminished academic performance and ability to participate in daily activities. Counseling services are available to assist you at the Tuttleman Counseling Center.

Privacy Policy

- Temple University (Links to an external site.)
- Canvas Instructure (Links to an external site.)
- Zoom

Fall Course: Tentative Schedule

Key Dates:

- **Monday, August 24**: Course Start Date:
- **Monday, September 7**: Labor Day (no classes held)
- **Tuesday, September 8**: Last day to add or drop a Full Term 16-week course
- **Tuesday, October 20**: Last day to withdraw from a Full Term 16-week course
- **Monday, November 23 - Wednesday, November 25**: Fall break (no classes held)
- **Thursday, November 26 - Friday, November 27**: Thanksgiving holiday (no classes held)
- **Monday, December 7**: Full Term 16-week Courses end

Start here: Monday, August 24- Sunday, August 30

**Module 1**: Monday, August 31 – Sunday, September 6

**Module 2**: Monday, September 7 - Sunday, September 13
Module 3: Monday, September 14 - Sunday, September 20
Module 4: Monday, September 21 - Sunday, September 27
Module 5: Monday, September 28 - Sunday, October 4
Module 6: Monday, October 5 - Sunday, October 11
Module 7: Monday, October 12 - Sunday, October 18
Module 8: Monday, October 19 - Sunday, October 25
Module 9: Monday, October 26 - Sunday, November 1
Module 10: Monday, November 2 - Sunday, November 8
Module 11: Monday, November 9 - Sunday, November 15
Module 3: Monday, November 16 - Sunday, November 22
No Class: Monday, November 23 - Sunday, November 29
Module 12: Monday, November 30 - Monday, December 7