

# DATA SCIENCES AND OPERATIONS

FALL 2024 SEMESTER

**DSO 462** — *Managing a Small Business  
on the Internet*

Section(s) – 16242R

**Professor**  
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**When**  
Tue, 4:00 PM – 5:50 PM

**Office**                      **Units**  
TBD                              2.0



## WHY TAKE THIS COURSE?

Students who plan to have a career in management, marketing, communications, engineering, or consulting with an emphasis on small businesses, business growth, and effective use of the internet.

### COURSE OBJECTIVES

To provide students with concepts, frameworks, and hands-on skills for effective use of the internet for managing small businesses and improving business growth.

### KEY CONCEPTS

- Internet-based business models
- Internet platforms
- Content and customization
- Search, referrals, and ads
- Traffic and analytics
- Data security
- Intellectual property
- Future internet trends

## COURSE DESCRIPTION

The internet provides a tremendous reach and advantage for small businesses. Small businesses leverage the internet as an innovative global digital platform to communicate information, create relationships and communities, and conduct business in an efficient, effective, and scalable manner. Understanding the current and future uses of the internet for business is essential and empowering for any student. This introductory course summarizes the foundational knowledge and hands-on skills that any student needs to know about effective use of the internet for managing small businesses and improving business growth. Classes include a mixture of lectures, demonstrations, and discussions. Students apply the internet skills they learn in class in projects that use commercial and open source tools to develop and launch internet-based small businesses. This course does not assume prior knowledge of internet or business topics, and there are no prerequisites. This two-unit course is open to all USC students from all schools and all majors.